# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| R-A-PALMYRA AD ZOIE | 840003128797287 | | | | | | 1 |
| R-A-PALMYRA AG MERAICLE-RED | 840003013495184 | | | | | | |
| R-A-PALMYRA CARSON LADY-RED | 840003128797288 | | | | | | |
| R-A-PALMYRA KB GEM | 840003129888925 | | | | | | |
| R-A-PALMYRA KB MADISON-ET | 840003013495178 | | | | | | |
| R-A-PALMYRA KB MANHATTAN-ET | 840003013495174 | | | | | | 1 |
| R-A-PALMYRA KB MANNIE-ET | 840003013495177 | | | | | | 1 |
| R-A-PALMYRA KB MANNY-ET | 840003013495173 | | | | | | |
| R-A-PALMYRA KB MARGRITIA-ET | 840003013495180 | | | | | | |
| R-A-PALMYRA KB MARIA-ET | 840003013495182 | | | | | | |
| R-A-PALMYRA KB MARY-ET | 840003013495176 | | | | | | |
| R-A-PALMYRA KB MOLLY-ET | 840003013495183 | | | | | | |
| R-A-PALMYRA KB PROMO | 840003129888921 | | | | | | |
| R-A-PALMYRA LD COBRA | 840003129888928 | | | | | | |
| R-A-PALMYRA LD GOLD | 840003129888926 | | | | | | |
| R-A-PALMYRA MAJISTY-RED-ET | 840003129888939 | | | | | | 1 |
| R-A-PALMYRA MANHATTN-RED-ET | 840003013495164 | | | | | | |
| R-A-PALMYRA MARYLAND-RED-ET | 840003129888916 | | | | | | |
| R-A-PALMYRA OLYMPN MANGO-ET | 840003013495185 | | | | | | |
| R-A-PALMYRA P MARVEL-RED-ET | 840003129888935 | | | | | | 1 |
| R-A-PALMYRA P MOJITO-RED-ET | 840003129888934 | | | | | | |
| R-A-PALMYRA PT MANNY-RED-ET | 840003129888913 | | | | | | 1 |
| R-A-PALMYRA SF MANNY-ET | 840003129888936 | | | | | | 1 |
| R-A-PALMYRA SF MAY-ET | 840003129888937 | | | | | | 1 |
| R-A-PALMYRA SF MISTRESS-ET | 840003129888931 | | | | | | 1 |
| R-A-PALMYRA TANGO MANGO | 840003013495165 | | C | | | | |
| R-BERNING ALADDIN ANNIE | 840003126669542 | | | | | | |
| R-BERNING BELUGA BEBE | 840003126669546 | | | | | | |
| R-BERNING ENFORCER COCO | 840003126669543 | | | | | | |
| R-BERNING MANCAVE SUNDAE | 840003126669540 | | | | | | |
| R-BERNING UNO CECE-ET | USA 69576259 | | | | | | |
| R-BERNING UNO CHICA-ET | USA 69576256 | | | | | | |
| R-C-MEIN GOLD CHIP BROOKE | USA 143480002 | | | | | | |
| R-C-MEIN SOTO BING | USA 142404557 | | | | | | |
| R-D-S JEEVES JEZEBEL-ET | USA 66331133 | | | | | | |
| R-D-S LEVI ECLIPSE | USA 142162532 | | | C | | | |
| R-E-W ARMITAGE CHANCE-ET | 840003013072438 | | | | | | |
| R-E-W AS PEACHES-ET | USA 143512723 | | | | | | |
| R-E-W AS PEARS-ET | USA 143512741 | | | | | | |
| R-E-W ATWOOD CHA-CHA-ET | USA 69468764 | | | | | | |
| R-E-W ATWOOD CHARMELLA-ET | USA 69468765 | | | | | | |
| R-E-W ATWOOD CHARMINA-ET | USA 69468767 | | | | | | |
| R-E-W ATWOOD CHARMSCHOOL-ET | USA 69468768 | | | | | | |
| R-E-W ATWOOD CHERRY-ET | USA 69468763 | | | | | | |
| R-E-W BEA ILSA-ET | USA 141502784 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| R-E-W BELLE BOLTON-ET | USA 138739735 | | | | | | |
| R-E-W BEY BRANDI-ET | USA 137187870 | | | | | C | |
| R-E-W CAR CARLA-ET | USA 142420100 | | | | | | |
| R-E-W CAR CHARO-ET | USA 142420137 | | | | | | |
| R-E-W CARMEL | USA 141940731 | | | | | | |
| R-E-W CECELIA-ET | USA 73556160 | | | | | | |
| R-E-W CHARM BRACELET-ET | USA 69468766 | | | | | | |
| R-E-W CHELSEA | USA 138216489 | | | | | | |
| R-E-W CHEX | USA 142588873 | | | | | | |
| R-E-W CHOCO CAKES-ET | USA 69554101 | | | | | | 3 |
| R-E-W CHOCO COOKIES-ET | USA 69554102 | | | | | | |
| R-E-W DAZ BEBARBIE-ET | USA 139825428 | | | | | C | |
| R-E-W DAZ BEDOTTIE-ET | USA 139825400 | | | | | | |
| R-E-W DAZ BEHAPPY-ET | USA 140068645 | | | | | | |
| R-E-W DAZ BEPRETTY-ET | USA 140041505 | | | | | C | |
| R-E-W DAZ BERELLA-ET | USA 139679018 | | | | | | |
| R-E-W DAZ BESSIE-ET | USA 139679027 | | | | | | |
| R-E-W DAZ BEWITCHED-ET | USA 139825437 | | | | | | |
| R-E-W DELILA CRI-ET | USA 71451976 | | | | | | |
| R-E-W DELTA CRI-ET | USA 71451974 | | | | | | |
| R-E-W DESTRY SHINE-ET | USA 70479510 | | | | | | 1 |
| R-E-W DIP N CHIP-ET | USA 141940777 | | | | | | |
| R-E-W DORCY CANDY-ET | USA 69898234 | | | | | | |
| R-E-W DORCY CASSIE-ET | USA 69898235 | | | | | | |
| R-E-W DOT BEDAZZLE-ET | USA 141282569 | | | | | | 1 |
| R-E-W DOT BEWHITE-ET | USA 142071249 | | | | | | |
| R-E-W DOT BEWHITER-ET | USA 142071212 | | | | | | |
| R-E-W DUCAT ANGELICA-RED-ET | USA 142652192 | | | | | | |
| R-E-W EASY DEE-ET | USA 143114635 | | | | | | |
| R-E-W ELLYMAE-ET | USA 142420070 | | | | | | |
| R-E-W EPIC BETTY-ET | USA 71895517 | | | | | | |
| R-E-W EPIC CASSIDY-ET | 840003010991502 | | | | | | |
| R-E-W FACEBOOK DAVINA-ET | USA 70885467 | | | | | | |
| R-E-W FACEBOOK DELICATE-ET | USA 70885466 | | | | | | |
| R-E-W GOLD CHIP DELIGHT-ET | USA 71588852 | | | | | | |
| R-E-W GOLD CHIP DESTINY-ET | USA 71588853 | | | | | | |
| R-E-W GOLD CHIP DIAMOND-ET | USA 71588854 | | | | | | |
| R-E-W GOLD LARA-ET | USA 69084457 | | | | | | |
| R-E-W GOLD LESLIE-ET | USA 66153276 | | | | | | 3 |
| R-E-W HAPPY GO LUCKY-ET | USA 140867301 | | | | | | 3 |
| R-E-W ICANDY-ET | USA 141225430 | | | | | C | |
| R-E-W ICARLY-ET | USA 141245555 | | | | | | |
| R-E-W INO-ET | USA 142146886 | | | | | | |
| R-E-W INU-ET | USA 142146907 | | | | | | |
| R-E-W IWILLOW | USA 142748118 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| R-E-W IWISH-ET | USA 141502775 | | | | | | |
| R-E-W LARGE CARMELLO-ET | 840003010991528 | | | | | | |
| R-E-W LARGE CHARISMA-ET | 840003010991526 | | | | | | |
| R-E-W LAUTHORITY ALEXIS-ET | USA 71895515 | | | | | | 1 |
| R-E-W LAUTHORITY CAITLIN-ET | USA 70885399 | | | | | | 1 |
| R-E-W LAUTHORITY CALISTA-ET | USA 70885409 | | | | | | |
| R-E-W LAUTHORITY CHERISH-ET | USA 70885408 | | | | | | 1 |
| R-E-W LAUTHORITY CIARA-ET | USA 71588838 | | | | | | |
| R-E-W LAYNE PINK CRI-ET | 840003011817169 | | | | | | |
| R-E-W LEVI CAPRI-ET | USA 70885484 | | | C | | | |
| R-E-W LIEBCHEN | USA 142654402 | | | | | | |
| R-E-W LOU BERTHA-ET | USA 55355267 | | | | | | |
| R-E-W M BRITNEY-ET | USA 130588979 | | | | | | |
| R-E-W MAC MIA-ET | USA 141495679 | | | | | | |
| R-E-W ME PRIMA-ET | USA 143502052 | | | | | | |
| R-E-W MNEV PINNACLE-ET | 840003129339267 | | | | | | |
| R-E-W MNEVNT PREMIER-ET | 840003129339256 | | | | | | |
| R-E-W MOGUL CHANEL-ET | 840003010991519 | | | | | | |
| R-E-W MS SUNNY-ET | USA 66784907 | | | | | | |
| R-E-W PIPPA-ET | USA 143408826 | | | | | | |
| R-E-W PONTIAC BELLE-ET | USA 64749393 | | | | | C | |
| R-E-W PRECIOUS CRI-ET | 840003011817174 | | | | | | |
| R-E-W SAN-CHEZ-1280 | USA 66854223 | | | | | | |
| R-E-W SAONA-ET | USA 136621173 | C | | | | | |
| R-E-W SHVATZIE-ET | USA 137012363 | | | | | | |
| R-E-W SIMIE-ET | USA 136728496 | | | | | | |
| R-E-W SL CECELIA-ET | 840003010991503 | | | | | | |
| R-E-W SL CHARDONAY-ET | 840003010991501 | | | | | | |
| R-E-W SNOW CHARLENE-ET | USA 70885410 | | | | | | |
| R-E-W SNOW CLOUD-ET | USA 70885418 | | | | | | |
| R-E-W SPRING PEARL-ET | 840003132676859 | | | | | | |
| R-E-W SSI CNCN 7407-ET | 840003008328805 | | | | | | |
| R-E-W SU-J-ET | USA 140356876 | | | | | | |
| R-E-W UNIQUE PRING | USA 143512732 | | C | | | | |
| R-GON LAUTHORITY STAR | USA 71224220 | | | | | | |
| R-GREEN&GOLD GWYN PASTA-ET | USA 142335251 | | | | | | |
| R-GREEN&GOLD HERO HOLLY | USA 142294842 | | | | | | |
| R-HOMESTEAD AS CHARMANE-ET | 840003125508910 | | | | | | |
| R-HOMESTEAD CHAMPION TATE | USA 136210898 | | | | | | |
| R-HOMESTEAD JORDAN TWILA-ET | USA 141882732 | | | | | | 1 |
| R-HOMESTEAD MORTY TWILITE | USA 137039663 | C | | | | | |
| R-HOMESTEAD OUTSIDE CARISMA | USA 137473595 | | | | | | |
| R-HOMESTEAD WINDHAM TWILEE | USA 142269369 | | | | | | 3 |
| R-JOHN ALEXANDER NATALIE-ET | USA 141566687 | | | | | | |
| R-JOHN ATWOOD ANNIE-ET | USA 70785266 | | | | | | |

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|---|---|---|---|---|---|---|---|
| R-JOHN ATWOOD ASPIRE-ET | USA 70785267 | | | | | | |
| R-JOHN GOLDLASER SARAH | USA 70758546 | | | | | | |
| R-JOHN GOLDWYN GRETA-ET | USA 63292479 | | | | | | |
| R-JOHN GOLDWYN JORDIE-ET | USA 73316427 | | | | | | |
| R-JOHN GOLDWYN JOSIE-ET | USA 73316428 | | | | | | 1 |
| R-JOHN GOLDZIPPER 6-ET | USA 68955288 | | | | | | |
| R-JOHN MR BURNS CINDY-ET | 840003005469773 | | C | | | | 3 |
| R-JOHN SHOT ZIPPLET 7-ET | USA 68955289 | | | | | C | |
| R-JOHN SHOTTLE CHEYANNE-ET | USA 140557790 | | | | | | |
| R-JOHN SHOTTLE ZIGGI-ET | USA 140831135 | | | | | | |
| R-LOST-CREEK BURT BAMA | USA 137913954 | | | | | | |
| R-LOST-CREEK OB BADLANDS-ET | USA 141366157 | | | | | | |
| R-LOST-CREEK SOCRATE BROOKS | USA 140034912 | | | | | | |
| R-MADE ADVENT MARNIA | USA 138844914 | | | | | | |
| R-N-FELTEN ALLTOP 1008 | USA 73212482 | C | | | | | |
| R-N-FELTEN DASHAWN 1074 | USA 74614728 | | C | | | | 3 |
| R-N-FELTEN EMPHASIS 809 | USA 70895475 | | | | | | 3 |
| R-N-FELTEN GABOR 1019 | USA 73212493 | | | | | | |
| R-N-FELTEN GUTHRIE 1017 | USA 73212491 | C | | | | C | |
| R-N-FELTEN MCNUGGETS 1018 | USA 73212492 | | | | | | 3 |
| R-N-FELTEN SALVINO 1073 | USA 74614727 | | | | | | |
| R-N-K BOMBERO BITSY-ETS | USA 73931332 | | | | | | |
| R-N-K BOMBERO BLAIR-ET | USA 73931334 | | | | | | |
| R-N-K BOMBERO BLOSSOM-ET | USA 73931338 | | | | | | |
| R-N-K BOMBERO BOOTY-ET | USA 73931337 | | | | | | |
| R-N-K HOT MAGIC-ET | USA 73931352 | | | | | | |
| R-N-K HOTROD MAGNET-ET | USA 73931354 | C | | | | | |
| R-N-K HOTROD MERCY-ET | USA 73931355 | C | | | | | |
| R-N-K MONTEREY BLAZE | USA 73931356 | | | | | | |
| R-N-K OLYMP SILK-RED-TW | USA 73931343 | | | | | | |
| R-N-K OLYMPIAN AUTUMN | USA 73931345 | | | | | | |
| R-N-K OLYMPIAN SILVER-TW | USA 73931342 | | | | | | |
| R-N-K OLYMPIAN SOFI | USA 73931344 | | | | | | |
| R-N-K SILVER MAZE-ET | USA 73931348 | | | | | | |
| R-N-K SYMPATICO LIZZY-RED | USA 142869091 | | | C | | | |
| R-N-K SYMPATICO MULAP- | USA 73931329 | | | C | | | |
| R-N-V GOLDWYN ASHLYNN-ET | USA 72776359 | | | | | | 1 |
| R-OWN EXPLODE DOT | USA 143441050 | | | | | | |
| R-OWN PAX DAISY DANDELION-RED | USA 170273406 | | | | | | |
| R-PINELAWN COLT DAISY P-RED | USA 71837340 | | | | | | |
| R-PINELAWN DESTRY DELLA-ET | USA 141193616 | | | | | | |
| R-PINELAWN MANFRED OWL | USA 127394835 | | | | | | |
| R-PINELAWN REAL DEAL-RED-ET | USA 141193607 | | | | | | 1 |
| R-PINELAWN TOY DELLA-RED | USA 140825981 | | | | | | |
| R-PINELAWN TRIG DESINY | USA 142494644 | | | | | | |

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|---|---|---|---|---|---|---|---|
| R-R-LETTERS LYS CHERRY-ET | USA 135024450 | | | | | | |
| R-R-LETTERS MILAN LING-ET | USA 135545937 | | | | | | |
| R-S-BLACKSTAR AERO BUTTER | USA 130628501 | | | | | | |
| R-SHER MOOSE BELISMA-RED | USA 61696587 | | | | | | |
| R-STYLE BOLTON SHAKIRA | USA 69805413 | | | | | | |
| R-STYLE TALENT SHANIA | USA 65624286 | | | | | | |
| R-VISION MARCO ZIP | USA 62884236 | C | | | | | |
| R-VISION SANCHEZ PAIGE | USA 68599033 | | | | | | |
| R-WATERLOO FURIOUS ADEEN | USA 73089913 | | | | | | |
| R-WATERLOO GOLDSTAR DREAM | USA 72374304 | | | | | | |
| R-WAY ARIWAMI PARADISE-ET | USA 141762793 | | | | | | |
| R-WAY ARIWAMI PRESENCE-ET | USA 73718952 | | | | | C | 1 |
| R-WAY BRAXTON PERFECT-ET | USA 73988552 | | | | | | |
| R-WAY DAMION PUNCTUATION-ET | USA 142887879 | | | | | | |
| R-Z BAXTER CARAMEL-ET | USA 139057296 | | | | | | |
| R-Z BAXTER CHARISMA-ET | USA 139057317 | | | C | | | |
| R-Z BILLION CARMEN-ET | USA 138740573 | | | | | | |
| R-Z LOU CHARITY-ET | USA 138581426 | | | | | | |
| R-Z PRONTO CLAIRE-ET | USA 139680016 | | | | | | |
| RA-LE-MOR LADY LOU-ET | USA 143137801 | | | | | | |
| RA-LEE-ACRES CLARK LISA | USA 69980772 | | | | | | |
| RA-LEE-ACRES FEELIN-LUCKY | USA 71351512 | C | | | | | 1 |
| RA-LEE-ACRES GIFT OF SUMMER | USA 71351490 | | | | | | |
| RA-LEE-ACRES GLAMOR GIRL-ET | USA 71351506 | | | | | | |
| RA-LEE-ACRES GOLD GIDGET-ET | USA 69303472 | | C | | | | |
| RA-LEE-ACRES GOLDEN 4691-ET | USA 66997935 | | | | | | |
| RA-LEE-ACRES JAB LOVELY P | USA 72198086 | | | | | | 2 |
| RA-LEE-ACRES MANOMAN SUE-ET | USA 68832700 | | | | | | |
| RA-LEE-ACRES MARCH BREEZE | USA 71351466 | | | | | | |
| RA-LEE-ACRES MIDNITE STAR | USA 69980809 | | | | | | |
| RA-LEE-ACRES MILLION CAM-ET | USA 68832650 | | | | | | 1 |
| RA-LEE-ACRES MILLION KIA-ET | USA 68832673 | | | | | | |
| RA-LEE-ACRES MILLION KIM-ET | USA 68832661 | | C | | | | |
| RA-LEE-ACRES MILLION KIS-ET | USA 68832679 | | | | | | |
| RA-LEE-ACRES MILLION KIT-ET | USA 68832680 | | | | | | |
| RA-LEE-ACRES PEACH BLOSSUM | USA 69980799 | | | | | | |
| RA-LEE-ACRES SHAM ANITA-ET | 840003009533070 | | | | | | |
| RA-LEE-ACRES SPECIAL-K | USA 71351498 | | | | | | |
| RA-LEE-ACRES SUPER 4242-ET | USA 71143864 | | | | | | |
| RA-LEE-ACRES SWEET DREAM | USA 71351494 | | | | | | |
| RA-LEE-ACRES TOY ROSA-ET | USA 65245735 | | | | | | |
| RA-LEE-ACRES VELVET-RED-ET | USA 71351514 | | | | | | |
| RA-MAR-LAND GOLD LACE | USA 137292590 | | | | | | 1 |
| RA-MAR-LAND LB LADYBUG-RED | USA 139946954 | | | | | | |
| RA-MAR-LAND LELA | USA 142634891 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RA-MAR-LAND LIBERTY | USA 142907809 | | | | | | |
| RA-MAR-LAND LILAC | USA 142469170 | | | | | | |
| RA-MAR-LAND LIPGLOSS-RED-ET | USA 140518609 | | | | | | |
| RA-MAR-LAND LIPLINER | USA 142176195 | | | | | | |
| RA-MAR-LAND LIZZIE | USA 142176216 | | C | | | | 3 |
| RA-MAR-LAND LOLLIPOP-RED-ET | USA 141858755 | | | | | | |
| RA-MAR-LAND LORILEE COLT | USA 141858803 | | | | | | |
| RA-MAR-LAND LOTUS | USA 140967775 | | | | | | |
| RA-MAR-LAND LOVETTE | USA 142176337 | | | | | | |
| RA-MAR-LAND LUCIOUS-RED-ET | USA 142634855 | | | | | | |
| RA-MAR-LAND LUXURIOUS-RED | USA 142634873 | | | | | | |
| RA-MAR-LAND M LILO-ET | USA 137102730 | | | | | | |
| RA-MAR-LAND O-MAN LORA-ET | USA 136141378 | | | | | | |
| RA-MAR-LAND SEPT LEAF-ET | USA 137102721 | | | | | | |
| RA-MAR-LAND TROYA AIKMN-RED | 840003126701629 | | | | | | |
| RA-MI DORCY MAY 460 | USA 71851956 | | | | | | 3 |
| RA-MI LEVI LANA 461 | USA 71851957 | | | C | | | |
| RA-MI ZELGADIS 454 | USA 71851950 | | | | | | |
| RA-ROB DAMION FELICIA | USA 63559478 | | | | | | |
| RA-ROB WINBROOK GOLDY-ET | USA 71287572 | | | | | | |
| RAAUHA SHOTTLE GINA-ET | USA 66018994 | | | | | | 1 |
| RAAUHA SHOTTLE GWENNA-ET | USA 68773402 | | | | | C | |
| RAAUHA SUPER GIA-ET | USA 69267786 | | | | | | 1 |
| RABBIT-RANCH SMATIC RITA-ET | USA 138950541 | | | | | | |
| RABBIT-RILL GLDWYN KAYLA-ET | USA 69836456 | | | | | C | 1 |
| RABBIT-RILL GOLDWYN KAY-ET | USA 68676404 | | | | | | |
| RABBIT-RILL GOLDWYN SHAR-ET | USA 68676405 | | | | | | |
| RABBIT-RILL MASSEY PEARL-ET | USA 72392192 | | | | | | |
| RABBIT-RILL MASSEY PENNY-ET | USA 72392191 | | | | | | |
| RABBIT-RILL MILLION MEASTER | USA 68676403 | | | | | | |
| RABBIT-RILL S S SUNBEAM-ET | USA 72392196 | C | | | | | |
| RABBIT-RILL S S SUNSHINE-ET | USA 72392197 | C | | | | C | |
| RABBIT-RILL SBASTION FI-ETS | USA 69836462 | | | | | | |
| RABBIT-RILL SHARLA 204-ET | USA 65659669 | | | | | C | |
| RABBIT-RILL SHARLENE 203-ET | USA 65659668 | C | | | | C | |
| RABBIT-RILL SS SUNFLOWER-ET | USA 72392198 | C | | | | C | |
| RABBIT-RILL SUPER FI FI-ET | USA 69836453 | | | | | | |
| RABERLAND BLACKY | USA 57305356 | | | | | | |
| RABUR BOLIVER PACE-ET | USA 69376114 | | | | | | 3 |
| RABUR BOLIVER POLO-ET | USA 63544904 | | | | | | |
| RABUR BOLIVER POLYGON-ET | USA 63544906 | | | | | | |
| RABUR BRETT PANDER-ET | USA 62190231 | | | | | | |
| RABUR DIEHARD PANNE-ET | USA 63544869 | | | | | | |
| RABUR DORCY PABLA-ET | 840003125428651 | | | | | | 3 |
| RABUR DORCY PAOLA-ET | 840003125428650 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RABUR DORCY PARADOR-ET | 840003125428647 | | | | | | 3 |
| RABUR DORCY PINOT-TW | 840003125428643 | | | | | | |
| RABUR DORCY PIQUE-TW | 840003125428644 | | | | | | |
| RABUR DURHAM LENA-ET | USA 65519164 | | | | | | |
| RABUR GABOR PAISON-ET | 840003125428662 | | | | | | 3 |
| RABUR GOLD PANZER-ET | USA 62715248 | | | | | | |
| RABUR GOLD PLUCK | USA 62715236 | | | | | | 3 |
| RABUR GOLDEN PEACE-ETS | USA 63544845 | | | | | | 3 |
| RABUR GOLDWYN PILLAR-ET | USA 65519139 | | | | | | 3 |
| RABUR GOLDWYN PINATA-ET | USA 65519138 | | | | | C | 3 |
| RABUR GREAT PENNANT | USA 71358348 | | | | | | |
| RABUR IMPRESSIVE PAWNEE | USA 71358411 | | | | | | |
| RABUR IOTA LOCO | USA 71358341 | | | | | | |
| RABUR IOTA PACKAGE-ET | USA 69376121 | | | | | | |
| RABUR IOTA PAGODA | USA 69376122 | | | | | | |
| RABUR IOTA PANAMA-ET | USA 71358325 | | | | | | |
| RABUR IOTA PANDEMONIUM-ET | USA 69376123 | | | | | | |
| RABUR IOTA PAP-ET | USA 69376134 | | | | | | |
| RABUR IOTA PAPAYA-ET | USA 69376135 | | | | | | |
| RABUR IOTA PIOUS | USA 69376124 | | | | | | 3 |
| RABUR IOTA POTUGAL-ET | USA 71358324 | | | | | | |
| RABUR IOTA PROMISE-ET | USA 71358331 | | | | | | |
| RABUR JEEVES PANDA-ET | USA 140153044 | | | | | | |
| RABUR JEEVES PASSIONATE-ET | USA 65519166 | | | | | | |
| RABUR JEEVES PERIGEE-ET | USA 65519167 | | | | | | |
| RABUR JEEVES PINOT-ET | USA 65519168 | | | | | | |
| RABUR JEEVES PINWHEEL | USA 69376111 | | | | | | 3 |
| RABUR JEEVES PIQUANT-ET | USA 65519169 | | | | | | |
| RABUR LAUDAN PAWNEE-ET | USA 62190256 | | | | | | |
| RABUR LP SID PANDAMONIUM | USA 141556475 | | | | | | |
| RABUR MAC PAPAVERO | USA 65519111 | | | | | | |
| RABUR MAC PARAMETER-ET | USA 63544890 | | | | | | |
| RABUR MANOMAN PICANTE-ET | USA 71358398 | | | | | C | 3 |
| RABUR MANOMAN PICARA-ET | USA 71358397 | | | | | C | 3 |
| RABUR MC PANACHE-ET | 840003125428675 | | | | | | 3 |
| RABUR MIDNIGHT PAGO | 840003125428656 | | | | | | |
| RABUR MIDNIGHT PEYOTE | 840003125428663 | | | | | | |
| RABUR MOGUL BARBIE | 840003125428718 | | | | | | |
| RABUR MOGUL PAGODA | USA 71358353 | | | | | | |
| RABUR MOGUL PICANTE-ET | USA 71358350 | | | | | | |
| RABUR MOGUL PICARA-ET | USA 71358351 | | | | | | |
| RABUR MOGUL PIETA-ET | USA 71358352 | | | | | | |
| RABUR MOUNTAIN PISTOL | USA 15617931 | | | | | | |
| RABUR OUTSIDE PANDORA | USA 126288054 | | | | | | |
| RABUR PADDY PERFORMANCE | USA 69376099 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RABUR PLAID BRIANNE | USA 71358349 | | | | | | |
| RABUR PREDESTINE PERTINENT | 840003125428653 | | | | | | 3 |
| RABUR REGGIE PAPRIKA-ET | USA 62190245 | | | | | | |
| RABUR SEPT ST PELUSO-ET | USA 56295512 | | | | | | 3 |
| RABUR SHOTTLE LUCCA | USA 71358338 | | | | | C | |
| RABUR SHOTTLE PARA-ET | USA 63544903 | | | | | C | |
| RABUR SHOTTLE PARANA-ET | USA 65519181 | | | | | | |
| RABUR SHOTTLE PILGRIM-ET | USA 63544849 | | | | | C | |
| RABUR SHOTTLE PRIZE-ET | USA 63544857 | | | | | | |
| RABUR SHOTTLE TEMPTRESS-ET | USA 53658293 | | | | | C | |
| RABUR SID PASSEL-ET | USA 71358328 | | | | | | |
| RABUR SPARK DOMINATE | 840003125428703 | | | | | C | |
| RABUR SPARK DOMINO-ET | 840003125428700 | | | | | C | |
| RABUR SS PALAPA | USA 71358410 | | | | | | |
| RABUR SS POTENTIAL | 840003125428641 | | | | | | |
| RABUR SUPER PISA | USA 69376133 | | | | | | |
| RABUR TALENT LYRIC-ET | USA 69376100 | | | | | | |
| RABUR TOY PAST-ET | USA 63544858 | | | | | | |
| RABUR TOYSTRY PIXIE 2531-ET | USA 63782502 | | | | | | |
| RABUR TS PERSEPHONE-ET | 840003000942918 | | | | | | |
| RABUR WYNNER LILY | USA 72630337 | | | C | | | 3 |
| RADINE DAMION MARGIE-ET | USA 64247729 | | | | | | |
| RADINE GOLDWYN MADONA-ET | USA 201359370 | | | | | | 1 |
| RADINE GOLDWYN MODEL-ET | USA 201359473 | | | | | | |
| RADINE GOLDWYN PROMISE | USA 201359062 | | | | | | |
| RADINE LOU BUBBLES-ET | USA 201359530 | | | | | | |
| RADINE MILLION MADELYN | USA 56389310 | | C | | | | |
| RADINE SANCHEZ MAURINE-ET | USA 56389304 | | | | | | |
| RADINE SANCHEZ MORGAN-ET | USA 56389334 | | | | | | |
| RADLOFF-VU ACME AMBROSIA | USA 142591631 | | | | | | |
| RAEQUEEN ATLANTIC BUBBLEY | USA 69598224 | | | | | | |
| RAEQUEEN LADD ROCKNROLL-RED | 840003125599151 | | | | | | 1 |
| RAEQUEEN MEGASIRE BUCKS | 840003125599155 | | | | | | |
| RAEQUEEN MEGASIRE GEORGINA | 840003125599152 | | | | | | |
| RAEQUEEN MEGASIRE MALI | 840003131060746 | | | | | | |
| RAEQUEEN MEGASIRE MOCHA | 840003125599157 | | | | | | |
| RAEQUEEN MEGASIRE SANGRIA | 840003131060743 | | | | | | |
| RAEQUEEN MEGASIRE WINNER | 840003125599158 | | | | | | |
| RAEQUEEN MOGUL GRACE I-TW | 840003125599147 | | | | | | |
| RAEQUEEN MOGUL GRECTCHEN-TW | 840003125599148 | | | | | | |
| RAEQUEEN MOGUL KADDY I-TW | 840003125599145 | | | | | | |
| RAEQUEEN MOGUL KALLIE II-TW | 840003125599146 | | | | | | |
| RAEQUEEN SUPERSIRE HOLYCOW | 840003125599154 | | | | | | |
| RAEQUEEN SUPERSIRE MERCI | 840003131060744 | | | C | | | |
| RAG-EM MEGASIRE ABBIE | 840003128772907 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAG-MER DORCY AMEN-ET | USA 143325631 | | | | | | |
| RAG-MER DORI SYRUP-ET | USA 69547719 | | | | | | |
| RAG-MER DORI-SWEET-ET | USA 69547712 | | | | | | 1 |
| RAG-MER JASPER ANGELIC | USA 139421950 | | | | | | |
| RAG-MER KID ADRIANNE | USA 141445553 | | | | | | |
| RAG-MER MILLION DIAMOND-ET | USA 66985538 | | | | | | 1 |
| RAG-MER O-STYLE DAFFODIL-ET | USA 71588856 | | | | | | |
| RAG-MER PRONTO ADRIANNA-ET | USA 65671577 | | | | | | 3 |
| RAG-MER SHOTGLASS DELLA | USA 142643208 | | | | | | 1 |
| RAG-MER SHOTTLE DORIANNE-ET | USA 66499662 | | | | | C | 1 |
| RAG-MER VELVET DELICATE-ET | USA 66499659 | | | | | | |
| RAGGI ALTA5G CAMILLE | USA 143348469 | | | | | | |
| RAGGI ALTAOAK LEXI | USA 72246355 | | | | | | |
| RAGGI ANNIE OAKLY | USA 142712894 | | | | | | |
| RAGGI ATWOOD ADONIS | USA 140726714 | | | | | | |
| RAGGI CAPITAL CHRISSY | USA 143309499 | | | | | | |
| RAGGI DENVER LADY-ET | USA 143537423 | | | | | | |
| RAGGI DENVER LILLY-ET | USA 143441443 | | | | | | |
| RAGGI DORCY ATM GIFT-ET | USA 140726684 | | | | | | |
| RAGGI EARNHART PRINCESS | USA 142407523 | | | | | C | |
| RAGGI GOLDEN UNO-ET | USA 142426469 | | | | | | |
| RAGGI HALOGEN 1843 | USA 73131037 | | | | | | |
| RAGGI HILL ROZ | USA 141556194 | | | | | | |
| RAGGI JOLT EMILY-ET | USA 18022205 | | | | | | |
| RAGGI LJP MIT PAT-ET | USA 66976119 | | | | | | 1 |
| RAGGI MITEY POLLY-RED-ET | USA 140356997 | | | | | | 1 |
| RAGGI OLYMPIAN 1846 | USA 73131040 | | | | | | |
| RAGGI OLYMPIAN ADORA-RED-ET | USA 143314026 | | | | | | |
| RAGGI OSTYLE ALMOND-ET | USA 71428363 | | | | | | |
| RAGGI OSTYLE ANETTE-ET | USA 71428384 | | | C | | | |
| RAGGI OSTYLE ATM 2-ET | USA 141980757 | | | | | | |
| RAGGI RUBICON NATALIE | USA 143618634 | | | | | | |
| RAGGI SECURE TRIX-RED-ET | USA 141369703 | | C | | | | 3 |
| RAGGI SHAMROCK ANYA-ET | USA 141857969 | | | | | | |
| RAGGI SHAMY ALEXIS | USA 141556206 | | | | | | 1 |
| RAGGI SHAMY AVA-ET | USA 142070613 | | | | | | |
| RAGGI SHAMY AVANT-ET | USA 142225684 | | | | | | |
| RAGGI SHAMY OCTOBER-ET | USA 142121065 | | | | | | |
| RAGGI SS PANDA-P-ET | USA 142431715 | | | | | C | |
| RAGGI SS PARTY-ETS | USA 142496392 | | | | | C | |
| RAGGI SS PRIZM-ETS | USA 142496404 | | | | | C | |
| RAGGI SYMPATICO ADRIANA | 840003126245419 | | | C | | | |
| RAGGI TANGO ARDELL | USA 142919844 | | | | | | |
| RAGGI UNO APRIL | USA 142121074 | | | | | | |
| RAGGI-MANOR LABRN NICOLE | 840003013129432 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAGGI-WINDSOR FINEST ANN | USA 138453213 | | | | | | |
| RAGNAR AFTERSHOCK CAYLA | USA 140819951 | | | | | | |
| RAGNAR EXPLODE BERRIN | USA 141546487 | | | | | | |
| RAGNAR EXPLODE MEGAN | USA 141546432 | | | | | | |
| RAGNAR G W ATWOOD ANGEL | USA 72266383 | | | | | | |
| RAGNAR GOLDSUN SHANELLE | USA 71588058 | | | | | | 1 |
| RAGNAR ROSS ELOQUENT | USA 140028218 | C | | | | | |
| RAGNAR STORMATIC CAMILLA-ET | USA 134318077 | | | | | | |
| RAGNAR WINDBROOK BIANCA | USA 141728595 | | | | | | |
| RAHE-CREST BOLTON FLICK | USA 65739923 | | | | | | |
| RAHE-CREST CARLISLE ELLY | USA 70400569 | | | | | | |
| RAHE-CREST DORCY FLITTER | USA 70416216 | | | | | | |
| RAHE-CREST EPIC HEARTY-ET | USA 70400574 | | | | | | |
| RAHE-CREST LANDRY 164 | USA 70708505 | | | | | C | |
| RAHE-CREST LANDRY DIMPLE | USA 70400577 | | | | | C | |
| RAHE-CREST LE SPICE | USA 70400566 | | | | | | |
| RAHE-CREST S FANCY | USA 70400568 | | | | | | |
| RAHE-CREST S-SIRE CALYPSO | USA 73349145 | | | | | | |
| RAHE-CREST SHOTTLE HALEY | USA 70400570 | | | | | C | 1 |
| RAHE-CREST SHOTTLE HURR | USA 69021666 | | | | | | |
| RAHE-CREST SHOTTLE SUE | USA 70400571 | | | | | C | |
| RAHE-CREST SHOTTLECUTE | USA 70400576 | | | | | C | |
| RAHE-CREST SUPER 162 | USA 70708503 | | | | | | |
| RAHE-CREST SUPER CARISSA | USA 70400567 | | | | | | |
| RAHE-CREST SUPER FINE | USA 70400573 | | | | | | |
| RAHE-CREST SUPER KATE | USA 73349144 | C | | | | | |
| RAHE-CREST SUPERSIRE TESS | USA 70400579 | | | | | | |
| RAILANE SHOTTLE ERMINE-ET | USA 69902054 | | | | | | |
| RAILCREST ARNITE CINDY-ET | USA 70175733 | | C | | | C | |
| RAILCREST BALISTO CARRIE-ET | USA 72849968 | | C | | | | |
| RAILCREST BLISTO COCONUT-ET | USA 72849967 | | C | | | | |
| RAILCREST GILLESPY FRUITY | USA 72849929 | | | | | | |
| RAILCREST JEEVES LOLA | USA 139874703 | | | | | | |
| RAILCREST O-STYLE CHERRY-ET | USA 70175728 | | | C | | | |
| RAILCREST O-STYLI CIERRA-ET | USA 70175729 | | | | | C | |
| RAILCREST PLANET MICKEY | USA 139575435 | | | | | | |
| RAILCREST RUBLE EARLY-ET | USA 72849943 | | C | | | | |
| RAILCREST SAPHIRE FLORABELL | USA 70175748 | | | | | | 3 |
| RAILCREST TRIGGER TIGER | USA 70175749 | | | | | C | |
| RAINHOLM CHAMPION 8109 | CAN 103738109 | | | | | | |
| RAINYRIDGE COLT BUTTERC-RED-ET | CAN 11393554 | | | | | | 3 |
| RAINYRIDGE DESTINY BIANCA-ET | CAN 11060177 | | | | | | 3 |
| RAINYRIDGE DUNDEE DAINE-ET | CAN 9728484 | | | | | | |
| RAINYRIDGE JAMES KELSEY | CAN 9534825 | C | | | | | |
| RAINYRIDGE JOLT CANDY-ET | CAN 8229343 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAINYRIDGE MBRNS EVA-RED-ET | USA 66358478 | | C | | | | 3 |
| RAINYRIDGE MR BURNS EARA | CAN 9728492 | | C | | | | 3 |
| RAINYRIDGE SANCHEZ ROME | CAN 10935994 | | | | | | |
| RAINYRIDGE SHOTTLE ETAIN-ET | CAN 7846036 | | | | | C | |
| RAINYRIDGE TALENT BARBARA | CAN 7543170 | | | | | | 3 |
| RAISBECK CRYMSON CRYSTAL | USA 143137490 | | | | | | |
| RAISBECK SKINNY AUTUMN | USA 141945192 | C | | | | | |
| RAISBECK STUMPER SHOT | USA 143429764 | C | | | | | |
| RAISING-KANE OAK 920 | USA 71197668 | | | C | | | |
| RAKEN BANFF CARIBOU | USA 69474518 | | | | | | |
| RAKEN BANFF SKI | USA 69474523 | | | | | | |
| RAKEN BGOOD CATELYN | USA 72495785 | | | | | | |
| RAKEN BRONCO CARVER | USA 69474470 | | | C | | | |
| RAKEN BRONCO ESSENCE | USA 69474466 | | | C | | | |
| RAKEN BRONCO MOTOR | USA 69474504 | | | | | | |
| RAKEN CASPIAN IRRI | USA 72495800 | | | | | | |
| RAKEN DANTE ALLEGRA | USA 72495808 | | | | | | |
| RAKEN DANTE CLEMSON | USA 72495816 | | | | | | |
| RAKEN DELTA CARRYON | USA 72495799 | C | | | | | |
| RAKEN DELTA CASSATA | USA 72495814 | | | | | | |
| RAKEN DELTA RETWEET | USA 72495801 | | | | | | |
| RAKEN ELVIS NOW | USA 69474525 | | | | | | |
| RAKEN ELVIS VEGAS | USA 69474517 | | | | | | |
| RAKEN GREATEST BOOK | USA 69474497 | | | | | | |
| RAKEN GREATEST ZEPLIN | USA 69474505 | | | | | | |
| RAKEN IOTA CANON | USA 69474495 | | | | | | |
| RAKEN IOTA CARENZA | USA 69474484 | | | | | | |
| RAKEN IOTA NAPLES | USA 69474478 | | | | | | |
| RAKEN IOTA NEBULA | USA 69474489 | | | | | | |
| RAKEN JABIR CLEA | USA 72495791 | | | | | | |
| RAKEN JACKMAN CARITA | USA 72495751 | | | | | | |
| RAKEN JIVES CLOAK | USA 69474506 | | | | | | |
| RAKEN JIVES KAYNA | USA 69474488 | | | | | | |
| RAKEN JORDAN ROSETTE-RED | USA 52396693 | | | | | | |
| RAKEN JOSUPER OKOBOJI | USA 72495821 | | | | | | |
| RAKEN KOOL AID | USA 69474507 | | | | | | |
| RAKEN MAN-O-MAN2 DOTCOM | USA 69474512 | | | | | | |
| RAKEN MAN-O-MAN2 KISS | USA 69474515 | | | | | | |
| RAKEN MAURICE CLARET | USA 72495747 | | | | | | |
| RAKEN MEGASIRE CERSEI | USA 72495781 | | | | | | |
| RAKEN MEGASIRE DANI | USA 72495787 | | | | | | |
| RAKEN MEGASIRE NEWS | USA 72495779 | | | | | | |
| RAKEN MEGASIRE VAIL | USA 72495780 | | | | | | |
| RAKEN MIDNIGHT MEMORY | USA 72495803 | | | | | | |
| RAKEN NUMERO UNO BALI | USA 72495760 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RAKEN NUMERO UNO TWITTER | USA 72495740 | | | | | | |
| RAKEN OAK CALI | USA 72495752 | | | | | | |
| RAKEN OAK SAVANNA | USA 72495748 | | | | | | |
| RAKEN OBSERVER OLLIE-TW | USA 69474473 | | | | | | |
| RAKEN PARADISE DONNER | USA 69474526 | | | | | | |
| RAKEN PLANET TRINA | USA 69474490 | | | | | | |
| RAKEN RORY MISHA | USA 72495822 | | | | | | |
| RAKEN RUBICON NETFLIX | USA 72495809 | | | | | | |
| RAKEN SHAMROCK KANDY-TW | USA 69474500 | | | | | | |
| RAKEN SHAMROCK KARMEL-TW | USA 69474499 | | | | | | |
| RAKEN SHAN NAPA | USA 72495750 | | | | | | |
| RAKEN SONIC COMIC | USA 69474522 | | | | | | |
| RAKEN STRATIFY EXCEL | USA 72495811 | | | C | | | |
| RAKEN SUPERSIRE FIRE-TW | USA 72495788 | | | | | | |
| RAKEN SUPERSIRE ICE-TW | USA 72495789 | | | | | | |
| RAKEN SUPERSIRE ICON | USA 72495766 | | | | | | 1 |
| RAKEN SUPERSIRE NARITA | USA 72495767 | | | C | | | |
| RAKEN SUPERSIRE TAHITI | USA 72495772 | | | | | | |
| RALMA 14-CARAT GOLD-ET | USA 52774552 | | | | | | |
| RALMA BAXTER CALICO-ET | USA 53478810 | C | | | | | |
| RALMA BAXTER CAMEO-ET | USA 53478878 | | | | | | 1 |
| RALMA BAXTER CARESS-ET | USA 53478870 | | | | | | 1 |
| RALMA BAXTER CHEERIO-ET | USA 53478863 | | | | | | |
| RALMA BAXTER CHEETO-ET | USA 53478868 | | | C | | | |
| RALMA BAXTER CHIFFON-ET | USA 53478845 | | | | | | |
| RALMA BAXTER COLA-ET | USA 53478850 | | | | | | |
| RALMA BEAU PEEP | USA 57220921 | | | | | | |
| RALMA BOLTON CHARM-ET | USA 53478840 | | | | | | |
| RALMA BOMBERO LILAC | USA 74259024 | | | | | | |
| RALMA BXR COOKIE-N-CREAM-ET | USA 53478827 | | | | | | |
| RALMA CELLO BELLA | USA 56345694 | | | | | | |
| RALMA CHRISTMAS FUDGE-ET | USA 51547373 | | | | | | |
| RALMA CM JOY | USA 57220928 | | | | | | |
| RALMA COLT ROSE-ET | USA 57220924 | | | | | | |
| RALMA COLT SWEETPEA-ET | USA 72300183 | | | | | | |
| RALMA COLT-P RUFFLES | USA 57220997 | | | | | | |
| RALMA DIAMOND TOOTSIE ROLL | USA 72300220 | | | | | | |
| RALMA DISTINCTION PLEDGE | USA 72300221 | | | | | | |
| RALMA DOMAIN CELEBRITY-ET | USA 70650017 | | | | | | 1 |
| RALMA DOMAIN COVERGIRL-ET | USA 70649982 | | | | | | 1 |
| RALMA DOMAIN CRAZYGIRL-ET | USA 70650133 | | | | | | |
| RALMA DRMN COOKIE MONSTER | USA 74259009 | | | | | | |
| RALMA DUCE CF CARMEL-ET | USA 52774353 | | | | | | |
| RALMA DUCE CF CHIP-ET | USA 52774356 | | | | | | |
| RALMA EPIC BUBBLES | USA 57220934 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RALMA EPIC ENVY | USA 57220953 | | | | | C | |
| RALMA EPIC GIFT | USA 57220957 | | | C | | C | |
| RALMA EPIC SUGAR PIE | USA 57220954 | | | | | C | |
| RALMA FINLEY FIREFLY-ET | USA 52357902 | C | | | | | |
| RALMA GOLD CHIP CITRUS-ET | USA 57220966 | | | | | | |
| RALMA GOLD CHIP COMIC | USA 141566520 | | | C | | | |
| RALMA GOLD COIN-ET | USA 53774779 | | | | | | 1 |
| RALMA GOLD CRUSH-ET | USA 55641631 | | | | | | |
| RALMA GOLDWYN CARLY-ET | USA 52774546 | | | C | | | 1 |
| RALMA GOLDWYN CARMEL 2-ETN | USA 140015638 | | | C | | | |
| RALMA GOLDWYN CARMEL 3-ETN | USA 140015919 | | | C | | | |
| RALMA GOLDWYN CARMEL 4-ETN | USA 140015964 | | | C | | | |
| RALMA GOLDWYN CARMEL 5-ETN | USA 140016013 | | | C | | | |
| RALMA GOLDWYN CARMEL-ET | USA 52774526 | | | C | | | |
| RALMA GOLDWYN CARMEN-ET | USA 53774755 | | | C | | | 1 |
| RALMA GOLDWYN CHAMPAIGN | USA 52774535 | | | | | | |
| RALMA GOLDWYN CHLOE-ET | USA 53774751 | | | C | | | |
| RALMA GOLDWYN CLARINET-ET | USA 52774540 | | | | | | 1 |
| RALMA GOLDWYN COCOA-ET | USA 53774747 | | | | | | |
| RALMA GOLDWYN GARNET-ET | USA 53774725 | | | | | | 1 |
| RALMA GOLDWYN MAYFLY-ET | USA 52774550 | | | | | | |
| RALMA HEADLINER FAIRY | USA 72300167 | | | | | C | |
| RALMA HEADLINER JACKPOT-ET | USA 72300170 | | | | | | |
| RALMA HEADLINER JINX-ET | USA 72300172 | | | | | | |
| RALMA HEADLINER JUSTICE-ET | USA 72300171 | | | | | | |
| RALMA HILL DANDELION | USA 57220931 | | | | | | |
| RALMA HUNTER PLEASURE-ET | USA 72300190 | | | | | | |
| RALMA HUNTER POCAHONTAS-ET | USA 72300186 | | | | | | |
| RALMA HUNTER PRESENT-ET | USA 57220968 | | | | | | |
| RALMA HUNTER PROMISE-ET | USA 57220975 | | | | | | |
| RALMA IOTA ILLUSION | USA 57220405 | | | | | | |
| RALMA IOTA PEPSI | USA 57220421 | | | | | | |
| RALMA JEEVES SILVER-ET | USA 53774789 | | | | | | 1 |
| RALMA JUROR FAITH | USA 17151055 | | | | | | |
| RALMA LAWMAN CUPCAKE | USA 74259018 | | | | | | |
| RALMA LAWMAN PROUD | USA 74259011 | | | | | | |
| RALMA LEXOR BABYCAKES-ET | USA 57220979 | | | | | | |
| RALMA LEXOR GLORY | USA 72300179 | | | C | | C | |
| RALMA LITHIUM CASCADE | USA 57220987 | | | | | | |
| RALMA LITHIUM PRECIOUS | USA 57220988 | | | | | | |
| RALMA LITHIUM TWINKIE | USA 57220981 | | | | | | |
| RALMA LOU FLOWER-ET | USA 53451940 | | | | | | |
| RALMA LOU FRUITFLY-ET | USA 53451932 | | | | | | |
| RALMA MAC BEAUTY-ET | USA 53478809 | | | | | | |
| RALMA MAC CAMERA-ET | USA 53478886 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RALMA MAC CANDID-ET | USA 53478887 | | | | | | |
| RALMA MAC CANDLELIGHT-ET | USA 53451993 | C | | | | | |
| RALMA MAC COMEDY-ET | USA 53774709 | | | C | | | |
| RALMA MAC CRAYOLA-ET | USA 53774704 | | | | | | |
| RALMA MAC CRAYON-ET | USA 53774706 | | | | | | |
| RALMA MAC-BEE-ET | USA 139030624 | | | | | | |
| RALMA MAN O MAN CABELLA | USA 57220440 | | | | | | |
| RALMA MANOMAN HAZELNUT | USA 55641678 | | | | | | |
| RALMA MARION CLASSIC-ET | USA 52774564 | C | | | | | |
| RALMA MASSEY ALMOND | USA 72300176 | | | | | | |
| RALMA MILLION CADILLAC-ET | USA 55641644 | | C | C | | | 1 |
| RALMA MILLION CAMRY-ET | USA 55641649 | | C | | | | 1 |
| RALMA MILLION CELESTE-ET | USA 57220442 | | C | | | | |
| RALMA MILLN BUTTERFINGER-ET | USA 53774786 | | | | | | |
| RALMA MOM SPIRIT-ET | USA 57220433 | | | | | | |
| RALMA MOM SPRITE-ET | USA 57220431 | | | | | | 1 |
| RALMA MOM TRUFFLE-ET | USA 56344515 | | | | | | |
| RALMA MONTROSS TINKERBELL | USA 74259006 | | | | | | |
| RALMA MUSCADET PRINT | USA 74259037 | | | | | | |
| RALMA OAK LIBBY-ET | USA 72300228 | | | | | | |
| RALMA OAK PRAISE-ET | USA 72300218 | | | | | | |
| RALMA OAK PRECIOUS-ET | USA 72300219 | | | | | | |
| RALMA OAK PRIZE-ET | USA 72300204 | | | | | | |
| RALMA OAK SAVANNAH-ET | USA 72300236 | | | | | | |
| RALMA OAK TULIP-ET | USA 72300216 | | | | | | |
| RALMA PAGEWIRE PERFECT-ET | USA 53478893 | | | | | | |
| RALMA PAGEWIRE PRECIOUS-ET | USA 53478896 | | | | | | |
| RALMA PAGEWIRE PRETTY-ET | USA 53478892 | | | | | | |
| RALMA PLANET CENTURY-ET | USA 55641647 | | | | | | |
| RALMA PLANT BUTTERSCOTCH-ET | USA 53774768 | | | | | | |
| RALMA PLATINUM JAX-ET | USA 72300225 | | | C | | C | |
| RALMA PLATINUM JUMP-ET | USA 72300224 | | | C | | | |
| RALMA RACER JUNEBERRY | USA 72300240 | | | | | | |
| RALMA S STORM CF CRIMSON-ET | USA 52774386 | | | | | | |
| RALMA SANGRIA PLAYFUL | USA 74259057 | | | | | | |
| RALMA SHAKESPEARE DAISY | USA 72300241 | | | | | | |
| RALMA SHAKESPEARE JULIETTE | USA 72300252 | | | | | | |
| RALMA SHAMROCK CARNATION-ET | USA 57220909 | | | | | | |
| RALMA SHAMROCK CHEVY | USA 57220920 | | | C | | | |
| RALMA SHAMROCK CUDDLES | USA 57220915 | | | | | | |
| RALMA SHAMROCK IRIS-ET | USA 57220910 | | | | | | |
| RALMA SHAMROCK LUCK | USA 57220444 | | | | | | |
| RALMA SHAMROCK ORCHID-ET | USA 57220907 | | | | | | |
| RALMA SHAMROCK POT OF GOLD | USA 57220437 | | | | | | |
| RALMA SHERIFF EXPRESS-ET | USA 74259031 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RALMA SHMRK ANGEL FOOD CAKE | USA 57220436 | | | | | | |
| RALMA SHMRK CALLA LILY-ET | USA 57220908 | | | | | | |
| RALMA SHOTTLE BUTTERFLY-ET | USA 52774516 | | | | | | |
| RALMA SHOTTLE CAMOUFLAGE-ET | USA 52774504 | | | | | C | |
| RALMA SHOTTLE CF CANDLE-ET | USA 52774390 | | | | | | |
| RALMA SHOTTLE CHICKADEE-ET | USA 52774590 | | | | | | |
| RALMA SHOTTLE CHOIR-ET | USA 52774532 | | | | | | |
| RALMA SHOTTLE CLOVER-ET | USA 53774776 | | | | | | |
| RALMA SHOTTLE CONCERT-ET | USA 53774778 | | | | | C | |
| RALMA SHOTTLE CORAL-ET | USA 53774777 | | | | | | |
| RALMA SHOTTLE DRAGONFLY-ET | USA 52774515 | | | | | C | |
| RALMA SHOTTLE FLOPSY-ET | USA 52774231 | | | | | | |
| RALMA SHOTTLE FORMAL | USA 52774521 | | | | | | |
| RALMA SHOTTLE OREO-ET | USA 53774732 | | | C | | | |
| RALMA SHT CHOCOLATE CHIP-ET | USA 53774729 | | | C | | C | |
| RALMA SHTL GINGERSNAP-ET | USA 53774731 | | | C | | C | |
| RALMA SHTL SNICKERDOODLE-ET | USA 53774734 | | | | | | |
| RALMA SHTL SUGAR COOKIE-ET | USA 53774727 | | | | | C | |
| RALMA SPRING CHOIR | USA 74259028 | | | | | | |
| RALMA SPRING GAMBLE-ET | USA 74259032 | | | | | | |
| RALMA SPRING KARAT-ET | USA 74259030 | | | | | | |
| RALMA SPRING KISS-ET | USA 74259039 | | | | | | |
| RALMA SPRING KODAK-ET | USA 74259029 | | | | | | |
| RALMA SPUR MARIGOLD | USA 74259008 | | | | | | |
| RALMA SUDAN BENEFIT-ET | USA 72300193 | | | | | | |
| RALMA SUDAN BLOSSOM-ET | USA 57220955 | | | | | | |
| RALMA SUDAN BONUS-ET | USA 72300192 | | | | | | |
| RALMA SUDAN BUMBLBEE-ET | USA 57220918 | | | | | | |
| RALMA SUDAN JINGLE-ET | USA 57220919 | | | | | | |
| RALMA SUDAN JUBILEE-ET | USA 57220944 | | | | | | |
| RALMA SUDAN JUNE-ET | USA 57220943 | | | | | | |
| RALMA SUDAN TAFFY-ET | USA 57220952 | | | | | | |
| RALMA SUDAN TOFFEE-ET | USA 57220933 | | | | | | |
| RALMA SUPER CANTEENA-ET | USA 56344513 | | | C | | | |
| RALMA SUPER CHAOS-ET | USA 56344517 | | | C | | | |
| RALMA SUPER CHAPEL-ET | USA 56344522 | | | C | | | |
| RALMA SUPER CHINA-ET | USA 57220447 | | | | | | |
| RALMA SUPER CHURCH-ET | USA 56344523 | | | C | | | |
| RALMA SUPER COMMOTION-ET | USA 56344518 | | | C | | | |
| RALMA SUPER CONFUSION-ET | USA 56344520 | | | | | | 1 |
| RALMA SUPER CYCLONE-ET | USA 56344521 | | | | | | |
| RALMA SUPER FLIRTACIOUS-ET | USA 70650002 | | | | | | |
| RALMA SUPER FUTUREWIFE-ET | USA 70650003 | | | | | | |
| RALMA SUPER SWAN-ET | USA 57220408 | | | | | | |
| RALMA SWEET TANGO | USA 72300222 | | C | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RALMA SYMPATICO 427 | USA 56484475 | | C | | | | |
| RALMA TAWNY CRI-ET | USA 71452094 | | | | | | |
| RALMA TOYSTORY MERIT-ET | USA 53451916 | | | | | | |
| RALMA UNO TURMOIL | USA 57220984 | | | | | | 1 |
| RALMA WILLPOWER BABYSBREATH | USA 72300208 | | | | | | |
| RALMA WILLPOWER TWIX-ET | USA 72300214 | | | | | | 1 |
| RALMA WILLPW LADY SLIPPER | USA 72300215 | C | | | | | 1 |
| RALMA WINDBROOK CRUMBLE | USA 57220452 | | | | | | 1 |
| RALMA WINDBROOK KITE | USA 57220441 | | | | | | 1 |
| RALMA WPOWER TROPHY-ET | USA 72300212 | | | | | | 1 |
| RALMA WPOWER TRUTH-ET | USA 72300213 | C | | | | | |
| RALMA YODER PUZZLE-ET | USA 74259027 | | | | | | |
| RALMA-RH ALEX SAXAPHONE-ET | USA 53774800 | | | | | | 1 |
| RALMA-RH ALTAOAK ACOUSTIC | USA 72300211 | | | | | | |
| RALMA-RH BAXTER FLUTE-ET | USA 53774703 | | | | | | |
| RALMA-RH EXPLODE HARMONY-TW | USA 72300181 | | | | | | |
| RALMA-RH EXPLODE MELODY-TW | USA 72300182 | | | | | | |
| RALMA-RH HILL BARBRA-ET | USA 72300203 | | | | | | 1 |
| RALMA-RH HILL DOTTIE-ET | USA 72300205 | | | | | | |
| RALMA-RH HILL DUET-ET | USA 72300209 | | | | | | |
| RALMA-RH HILL LEANN-ET | USA 72300198 | | | | | | |
| RALMA-RH HILL MUSIC-ET | USA 141982816 | | | | | | |
| RALMA-RH HILL SONATA | USA 57220969 | | | | | | 1 |
| RALMA-RH HILL TAMMY-ET | USA 72300195 | | | | | | |
| RALMA-RH IOTA MANDOLIN-ET | USA 57220413 | | | | | | 1 |
| RALMA-RH IOTA VIOLA-ET | USA 57220432 | | | | | | 1 |
| RALMA-RH IOTA VIOLIN-ET | USA 57220430 | | | | | | 1 |
| RALMA-RH JAZZ-ET | USA 72300249 | | | | | | |
| RALMA-RH MANOMAN BANJO-ET | USA 55641672 | | | | | | 1 |
| RALMA-RH MANOMAN FIDDLE-ET | USA 55641670 | | | | | | |
| RALMA-RH MC LORETTA-ET | USA 72300184 | | | | | | 1 |
| RALMA-RH MC PATSY-ET | USA 72300188 | | | | | | 1 |
| RALMA-RH MCCTN EMMYLOU-ET | USA 72300175 | | | | | | |
| RALMA-RH MCCTN MIRANDA-ET | USA 72300174 | | | | | | |
| RALMA-RH MCCUTCHEN DOLLY-ET | USA 72300173 | | | | | | |
| RALMA-RH SANCHEZ HARP-ET | USA 140785443 | | | | | | |
| RALMA-RH SHAKESPEARE FIESTA | USA 72300244 | | | | | | |
| RALMA-RH SHAMROCK GUITAR-ET | USA 57220445 | | | | | | |
| RALMA-RH SUP-SIRE CARRIE-ET | USA 72300165 | | | | | | |
| RALMA-RH SUPERSIRE REBA-ET | USA 72300163 | | | | | | |
| RAM-ELLE ABSOLUTE JADE-RED | USA 73241738 | | | | | | |
| RAM-ELLE AFTERSHOCK JAMIE | USA 73241731 | | | | | | |
| RAM-ELLE APOLLO JODY | USA 73241745 | | | | | | 3 |
| RAM-ELLE BRADY GINGER | USA 73241742 | C | | | | | |
| RAM-ELLE BRADY PAMMY | USA 73241735 | | | | | | 1 |

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|---|---|---|---|---|---|---|---|
| RAM-ELLE BRADY TAWNY | USA 73241734 | | | | | | |
| RAM-ELLE BRAXTON JAZZ-TW | USA 69069102 | | | | | | |
| RAM-ELLE BRAZZLE RALLY | USA 73241739 | | | | | | 3 |
| RAM-ELLE HEZTRY ALICE-RED | USA 73241732 | | | | | | 3 |
| RAM-ELLE PIRATE ANNIE | USA 73241736 | | | | | | |
| RAM-ELLE PIRATE SAMMY | USA 73241737 | | | | | | |
| RAMA-EMER GALAXY DANIKA-ET | USA 71875450 | | | | | | |
| RAMA-EMER GALAXY DANNIKA-ET | USA 71875452 | | C | | | | |
| RAMA-EMER GOLDWN ROSABUD-ET | USA 63837329 | | | | | | |
| RAMA-EMER GOLDWYN ROSAR-ET | USA 66676764 | | | | | | 3 |
| RAMA-EMER JASPER ROSAY-ET | USA 63837646 | | | | | | |
| RAMA-EMER KINGBOY DANA-ET | 840003125508788 | | C | | | | |
| RAMA-EMER KINGBOY DANAE-ET | 840003125508789 | | | | | | |
| RAMA-EMER KINGBOY DELTA-ET | 840003130807760 | | C | | | | |
| RAMA-EMER MANIFOLD DESMOND | USA 71875486 | | C | | | | |
| RAMA-EMER SHAN DANNA-ET | USA 71875428 | | | | | | |
| RAMA-EMER SHAN DETRIA-ET | USA 71875397 | | C | | | | |
| RAMA-EMER SHOTTLE ROSABE-ET | USA 63837748 | | | | | C | |
| RAMA-WAY ARMITAGE 13522-ET | USA 72207757 | | | | | | |
| RAMA-WAY ARMITAGE 13906-ET | USA 72208141 | | | | | C | |
| RAMA-WAY ASONANCE-ET | USA 71956488 | | | | | | |
| RAMA-WAY ASSURANCE-ET | USA 71956489 | | | | | | |
| RAMA-WAY CAP GAIN 16351-ET | 840003129377932 | | | | | | |
| RAMA-WAY CASHCOIN 8085-ET | 840003013108522 | | | | | | |
| RAMA-WAY CASHCOIN 8088-ET | 840003013108525 | | | | | | |
| RAMA-WAY CLARK ASTRELLA-ET | USA 142188644 | | | | | | |
| RAMA-WAY CLARK RHONDA | 840003127778174 | | | | | | |
| RAMA-WAY CONSTABLE 8991-ET | 840003132010977 | | | | | | |
| RAMA-WAY DAWN-ET | USA 143529343 | | | C | | | |
| RAMA-WAY DELTA 8843-ET | 840003132010829 | | | | | | |
| RAMA-WAY DELTA 8847-ET | 840003132010833 | | | | | | |
| RAMA-WAY DELTA 8853-ET | 840003132010839 | | | | | | |
| RAMA-WAY DELTA 8856-ET | 840003132010842 | | | | | | |
| RAMA-WAY DELTA 8859-ET | 840003132010845 | | | | | | |
| RAMA-WAY DELTA MACE 4293-ET | 840003127421917 | | | | | | |
| RAMA-WAY DELTA MACE 4296-ET | 840003127421920 | | | | | | |
| RAMA-WAY DELTA MACE 4583-ET | 840003127422207 | | | | | | |
| RAMA-WAY DFNDER 8329-ET | 840003125461607 | | | | | | |
| RAMA-WAY DFNDR 8318-ET | 840003125461618 | | | | | | |
| RAMA-WAY DFNDR 8322-ET | 840003125461614 | | | | | | |
| RAMA-WAY DFNDR 8323-ET | 840003125461613 | | | | | | |
| RAMA-WAY DFNDR 8324-ET | 840003125461612 | | | | | | |
| RAMA-WAY DFNDR 8327-ET | 840003125461609 | | | | | | |
| RAMA-WAY DOGMAP 3264-RED-ET | 840003124024553 | | | | | | |
| RAMA-WAY EPIC 13896-ET | USA 72208131 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RAMA-WAY FACE DIXIE | 840003012910091 | | | | | | |
| RAMA-WAY JABIR ALIX-1590-ET | 840003012444017 | | | | | | 1 |
| RAMA-WAY JABR AMAZ-1592-ET | 840003012444019 | | | | | | |
| RAMA-WAY JAC AMARE-1581-ET | 840003012444008 | | | | | | 1 |
| RAMA-WAY JCKMN AIR-1596-ET | 840003012444023 | | | | | | |
| RAMA-WAY JKMN AMAS-1579-ET | 840003012444006 | | | C | | | |
| RAMA-WAY JKMN AMAT-1580-ET | 840003012444007 | | | | | | |
| RAMA-WAY JMN ALIBI-1588-ET | 840003012444015 | | | | | | |
| RAMA-WAY LADY DAY-ET | USA 143529334 | | | | | | |
| RAMA-WAY MAGICDAY DIANA-ET | 840003124844444 | | | | | C | |
| RAMA-WAY MASSEY 8688 | 840003126126685 | C | | | | | |
| RAMA-WAY MCGRAW DESIRE | 840003126918765 | | | | | | |
| RAMA-WAY MOGUL DIXIE | 840003012910048 | | | | | | |
| RAMA-WAY MONTERAY 8668-ET | 840003126126665 | | | | | | |
| RAMA-WAY MSCL LADY DIANA-ET | USA 63419621 | | | | | | |
| RAMA-WAY MUSCADET 8740-ET | 840003126126737 | | | | | | |
| RAMA-WAY MUSCADET 8746-ET | 840003126126743 | | | | | | |
| RAMA-WAY MUSCADET 8754-ET | 840003126126751 | | | | | | |
| RAMA-WAY PETRONE DIXI | USA 70920427 | | C | | | | |
| RAMA-WAY PETY ATLEE-744 | 840003130324697 | | | C | | | |
| RAMA-WAY RACER 8234-ET | 840003013108671 | | | | | | |
| RAMA-WAY RANSOM 14061-ET | 840003012643316 | | | | | | |
| RAMA-WAY RICHMAN DIXIE | USA 68641742 | | | | | | |
| RAMA-WAY SAJAC 14266-ET | 840003012643521 | | | | | | |
| RAMA-WAY SAJAC 14286-ET | 840003012643541 | | | | | | |
| RAMA-WAY SHANE DIXIE | USA 70920357 | | C | | | | |
| RAMA-WAY SWEET DEE-ET | USA 143529352 | | | | | | |
| RAMA-WAY T ROCK 8041-ET | 840003013108478 | | | | | | |
| RAMA-WAY T ROCK 8257-ET | 840003013108694 | | | | | | |
| RAMA-WAY TANGO 8134-ET | 840003013108571 | | | | | | |
| RAMA-WAY TANGO 8135-ET | 840003013108572 | | | | | | |
| RAMA-WAY WLPOWER 8163-ET | 840003013108600 | C | | | | | |
| RAMA-WAY WLPOWR 8164-ET | 840003013108601 | | | | | | 1 |
| RAMA-WAY YODER 8901-ET | 840003132010887 | | | | | | |
| RAMA-WAY YODER 8902-ET | 840003132010888 | | | | | | |
| RAMA-WAY YODER 8906-ET | 840003132010892 | | | | | | |
| RAMIARAMANA | BEL 917176623 | | | | | | |
| RAMINEUSE 1 | NLD 485508136 | | | | C | | |
| RAN ATWOOD STACY | USA 71629702 | | | | | | |
| RAN DURHAM JORDANA | USA 60020425 | | | | | | |
| RAN-CAN ALEXANDER CLAIR-ET | USA 141326122 | | | | | | |
| RAN-ROSE ALTAOAK SCOOBY | 840003011585660 | | | | | | |
| RAN-ROSE BLITZ ALLSTAR | USA 62539616 | | | | | | |
| RAN-ROSE BOOKEM KUDDLES-ET | 840003008221415 | | | | | | |
| RAN-ROSE BOOKEM KUPKAKE | 840003008221425 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RAN-ROSE BOOKEM KUTIE-ET | 840003008221417 | | | | | | |
| RAN-ROSE BOOKEM SPUTTY | 840003008221406 | | | | | | |
| RAN-ROSE CO DURHAM APOSTLE | USA 62539629 | | | | | | |
| RAN-ROSE DURHAM SEATTLE | USA 62539599 | | | | | | |
| RAN-ROSE HALOGEN KUPID | 840003011585663 | | | | | | |
| RAN-ROSE LITHIUM DALLARA | 840003011585638 | | | | | | |
| RAN-ROSE MOGUL KATEY | 840003011585643 | | | | | | |
| RAN-ROSE OAK KATNISS | 840003011585655 | | | | | | |
| RAN-ROSE OAK KURTSEY | 840003011585649 | | | | | | |
| RAN-ROSE OBSERVER DRAKE | 840003008221403 | | | | | | |
| RAN-ROSE OBSERVER FESTIVE | 840003008221411 | | | | | | |
| RAN-ROSE OBSERVER FYSICS | 840003008221412 | | | | | | |
| RAN-ROSE OBSERVER SEVEN11 | 840003008221409 | | | | | | |
| RAN-ROSE OSMOND FIGARO | 840003008221418 | | | | | | |
| RAN-ROSE PETRONE FOCUS | 840003011585625 | | | | | | |
| RAN-ROSE PETRONE SAILOR | 840003011585622 | | | | | | |
| RAN-ROSE PLANET SOCKEYE | 840003005704804 | | | | | | |
| RAN-ROSE RAMOS FUSION | USA 62539617 | | | | | | |
| RAN-ROSE ROBUST KOHO | 840003008221428 | | | | | | |
| RAN-ROSE SHAMROCK SAGE | 840003008221422 | | | | | | |
| RAN-ROSE SHAMROCK SALMON | 840003008221421 | | | | | | |
| RAN-ROSE SHOTTLE KOMBINE-ET | USA 62539615 | | | | | | |
| RAN-ROSE SPARK KISSME-ET | 840003132383198 | | | | | | |
| RAN-ROSE SS DEUCE SUNDANCE | USA 62539647 | | | | | | |
| RAN-ROSE SUPERSIRE RAVEN | 840003011585657 | | | | | | |
| RAN-ROSE TANGO SUSHI | 840003132383192 | | | | | | |
| RAN-ROSE TOYSTORY DINGO | USA 62539676 | | | | | | |
| RAN-RUE BWMRSHL MINDY | USA 133649952 | | | | | | |
| RAN-RUE MOGUL MINNIE-ET | 840003131197973 | | | | | | |
| RAN-RUE MORTY HOLLOW CRI-ET | USA 61089290 | C | | | | | |
| RANA 8-ET | DEU 1402710901 | | | | | | |
| RANCEI3373 | FRA 2238143373 | | | C | | | |
| RAND-LYN JABIR ANNIE 570 | USA 73963266 | | | | | | |
| RAND-LYN MCCUTCHN CATHERINE | USA 72254499 | | | | | | |
| RAND-LYN MONTRSS CARRIE 606 | 840003130609773 | | | | | | |
| RAND-LYN SHAMROCK ANGIE 508 | USA 73594162 | | | | | | |
| RANDEES DAMION 2763-ET | USA 62773098 | | | | | | |
| RANDEES WIZRD BRIANA CRI-ET | USA 61376353 | | | | | | |
| RANDMAR AIRLIFT BONNY | USA 143379948 | | | | | | |
| RANSOM-RAIL ALTASPRING PAT | 840003131713399 | | | | | | |
| RANSOM-RAIL ALTASPRING POSY | 840003131713440 | | | | | | |
| RANSOM-RAIL ALTASPRNG POLLY | 840003131713453 | | | | | | |
| RANSOM-RAIL ARCHRL KAIA-ET | 840003131713503 | | | | | | |
| RANSOM-RAIL ATWOOD PIXIE-ET | USA 72260063 | | | | | | |
| RANSOM-RAIL BARMAN PERDY | USA 73171193 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RANSOM-RAIL BRADNICK CARI | USA 71464235 | | | | | | |
| RANSOM-RAIL BRADNICK JESS | USA 71464250 | | | | | | |
| RANSOM-RAIL BRADNICK JESSI | USA 71464225 | | | | | | |
| RANSOM-RAIL BRAX DANI-ET | USA 70350438 | | | | | | |
| RANSOM-RAIL BRAXTON KALEY | USA 70350505 | | | | | | |
| RANSOM-RAIL BRISCO LANDIS | USA 70350690 | | | | | | |
| RANSOM-RAIL CHEV PAPRIKA-ET | USA 73171031 | | | | | | |
| RANSOM-RAIL CHEV PEBBLES-ET | USA 73171010 | | | | | | |
| RANSOM-RAIL CHEVRLT PINK-ET | USA 73171020 | | | | | | |
| RANSOM-RAIL CHEVRT PATSY-ET | USA 73171017 | | | | | | |
| RANSOM-RAIL CHEVRT PEARL-ET | USA 73171008 | | | | | | |
| RANSOM-RAIL CLARK KHAILA | USA 70350738 | | | | | | |
| RANSOM-RAIL CLARK MERRITT | USA 70350704 | | | | | | |
| RANSOM-RAIL CSH PARADISE-ET | USA 72260261 | | | | | | |
| RANSOM-RAIL DELTA PAPPARAZI | 840003128668053 | | | | | | |
| RANSOM-RAIL DENVER PAIGE-ET | 840003131713492 | | | | | | |
| RANSOM-RAIL DENVER PANSY-ET | 840003131713518 | | | | | | |
| RANSOM-RAIL DENVER PANYA-ET | 840003131713519 | | | | | | |
| RANSOM-RAIL DENVR PALIKA-ET | 840003131713512 | | | | | | |
| RANSOM-RAIL DENVR PALOMA-ET | 840003131713502 | | | | | | |
| RANSOM-RAIL DENVR PAMINA-ET | 840003131713517 | | | | | | |
| RANSOM-RAIL DICKEY ADRIEL | USA 71464223 | | | | | | |
| RANSOM-RAIL DICKEY EBONI | USA 70350693 | | | | | | |
| RANSOM-RAIL DICKEY MELODY | USA 71464266 | | | | | | |
| RANSOM-RAIL DICKEY MS MIA | USA 71464249 | | | | | | |
| RANSOM-RAIL DICKEY MS SARAH | USA 71464213 | | | | | | |
| RANSOM-RAIL DICKEY NADIYAH | USA 71464216 | | | | | | |
| RANSOM-RAIL DICKEY RAPTURE | USA 71464258 | | | | | | |
| RANSOM-RAIL DICKEY SARAH | USA 70350668 | | | | | | |
| RANSOM-RAIL DICKEY SATIN | USA 71464238 | | | | | | |
| RANSOM-RAIL DICKY MS JAMILA | USA 71464220 | | | | | | |
| RANSOM-RAIL DMAIN PAZLEY-ET | USA 69379230 | | | | | | |
| RANSOM-RAIL DMAIN PUDDIN-ET | USA 69379238 | | | | | | |
| RANSOM-RAIL DOMMAIN KEYLA | USA 70350752 | | | | | | |
| RANSOM-RAIL DONATELLO SARAH | USA 73171075 | | | | | | |
| RANSOM-RAIL DONTLLO PETUNIA | USA 73170951 | | | | | | |
| RANSOM-RAIL DOORMAN TARA-ET | USA 72260105 | C | | | | C | |
| RANSOM-RAIL DUSK AMELIA-ET | USA 69379412 | | | | | | |
| RANSOM-RAIL EPIC PEANUTS-ET | USA 71464336 | | | | | | |
| RANSOM-RAIL EPIC POPCORN-ET | USA 71464337 | | | | | | |
| RANSOM-RAIL ERASR PILAR-ET | USA 74158705 | | | | | | |
| RANSOM-RAIL EXPLODE PAGE-ET | USA 69379125 | | | | | | |
| RANSOM-RAIL EXPLODE PAM-ET | USA 69379124 | | | | | | |
| RANSOM-RAIL EXPLODE PATI-ET | USA 69379128 | | | | | | |
| RANSOM-RAIL EXPLODE PETY-ET | USA 69379131 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RANSOM-RAIL EXPLODE PINK-ET | USA 69379129 | | | | | | |
| RANSOM-RAIL FACEBK PARIS-ET | USA 70350746 | | | | | | |
| RANSOM-RAIL FBOOK PACEY-ET | USA 71464237 | | | | | | |
| RANSOM-RAIL GOLD AURORA-ET | USA 74158585 | | | | | | |
| RANSOM-RAIL GOLDWYN HALO-ET | USA 74158594 | | | | | | |
| RANSOM-RAIL GUTHRIE ADEBOLA | USA 70350687 | | | | | | 3 |
| RANSOM-RAIL GUTHRIE RAZZLE | USA 70350698 | | | | | | |
| RANSOM-RAIL HDLNER MS SARAH | USA 74158433 | | | | | | |
| RANSOM-RAIL HDLNR PRISSY-ET | USA 73170907 | | | | | | |
| RANSOM-RAIL HEADLINER PARIS | USA 74158334 | | | | | | |
| RANSOM-RAIL HEADLINER TALLY | USA 74158439 | | | | | | |
| RANSOM-RAIL HEADLNR PERI-ET | USA 73170934 | | | | | | |
| RANSOM-RAIL HEADLNR PETA-ET | USA 73170937 | | | | | | |
| RANSOM-RAIL HEADLNR PETRA-ET | USA 73170927 | | | | | | |
| RANSOM-RAIL HEADLNR POSH-ET | USA 73170912 | | | | | | |
| RANSOM-RAIL HEADLNR POSY-ET | USA 73170939 | | | | | | |
| RANSOM-RAIL HEDLNR PRIMO-ET | USA 73170918 | | | | | | |
| RANSOM-RAIL HILL ATHZIRI | USA 70350679 | | | | | | |
| RANSOM-RAIL JABIR POLLY | USA 74158595 | | | | | | |
| RANSOM-RAIL JABIR PORSHA | USA 73171098 | | | | | | |
| RANSOM-RAIL JACEY SAMIAH | USA 73170969 | | | | | | |
| RANSOM-RAIL KING PEACHES-ET | USA 73171204 | | | | | | |
| RANSOM-RAIL KING PIERS-ET | USA 74158500 | | | | | | |
| RANSOM-RAIL KNG PATIENCE-ET | USA 73171196 | | | | | | |
| RANSOM-RAIL KNG PAULICIA-ET | USA 73171198 | | | | | | |
| RANSOM-RAIL LARGE PANSY-ET | USA 71464371 | | | | | | |
| RANSOM-RAIL LARSON ADEBOLA | USA 71464234 | | | | | | 3 |
| RANSOM-RAIL LIESL CHRISTAN | USA 70350700 | | | | | | |
| RANSOM-RAIL LIESL JACQUELIN | USA 70350743 | | | | | | |
| RANSOM-RAIL LIESL SEUNGIN | USA 70350702 | | | | | | |
| RANSOM-RAIL LOTTO BRIAL-ET | USA 74158406 | | | | | | |
| RANSOM-RAIL LTHIUM LIBBY-ET | USA 72259874 | | | | | | |
| RANSOM-RAIL MAGCDY PEGGY-ET | USA 73171173 | | | | | C | |
| RANSOM-RAIL MCCUTC PALA-ET | USA 71464558 | | | | | | |
| RANSOM-RAIL MCCUTCH PEG-ET | USA 71464551 | | | | | | |
| RANSOM-RAIL MCCUTCH PING-ET | USA 71464553 | | | | | | |
| RANSOM-RAIL MCCUTCHE PAYLIN | USA 72260135 | | | | | | |
| RANSOM-RAIL MCTH PEGGY-ET | USA 71464575 | | | | | | |
| RANSOM-RAIL MEGA PERSIAN | USA 74158490 | | | | | | |
| RANSOM-RAIL MEGA PICCOLO | USA 74158392 | | | | | | |
| RANSOM-RAIL MEGAS PEACE-ET | USA 74158370 | | | | | | |
| RANSOM-RAIL MEGAS PEACH-ET | USA 74158365 | | | | | | |
| RANSOM-RAIL MEGAS PHILLIPA | USA 74158402 | | | | | | |
| RANSOM-RAIL MEGAS POLLY-ET | USA 74158381 | | | | | | |
| RANSOM-RAIL MEGASRE PAGE-ET | USA 74158366 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RANSOM-RAIL MILLION ANNIE | USA 69379132 | | | | | | |
| RANSOM-RAIL N ONE PATSY-ET | USA 71464248 | | | | | | |
| RANSOM-RAIL N ONE PEARL-ET | USA 71464242 | | | | | | |
| RANSOM-RAIL N ONE PEPPER-ET | USA 71464251 | | | | | | |
| RANSOM-RAIL N ONE PHOEBE-ET | USA 71464245 | | | | | | |
| RANSOM-RAIL N ONE PIPER-ET | USA 71464243 | | | | | | |
| RANSOM-RAIL N ONE POESY-ET | USA 71464254 | | | | | | |
| RANSOM-RAIL N UNO PANDA-ET | USA 72259879 | | | | | | |
| RANSOM-RAIL N UNO PATSY-ET | USA 71464706 | | | | | | |
| RANSOM-RAIL N UNO PEACH-ET | USA 72259860 | | | | | | |
| RANSOM-RAIL N UNO PEANUT-ET | USA 71464670 | | | | | | |
| RANSOM-RAIL N UNO PIZAZZ-ET | USA 71464705 | | | | | | |
| RANSOM-RAIL NBR ONE PAM-ET | USA 71464247 | | | | | | |
| RANSOM-RAIL NIAGRA PENELOPE | USA 69379311 | | | | | | |
| RANSOM-RAIL PALER DIXIE RAE | USA 71464267 | | | | | | |
| RANSOM-RAIL PO BABYCAKES-ET | USA 74158546 | | | | | | |
| RANSOM-RAIL POWER PACEY-ET | USA 74158627 | | | | | | |
| RANSOM-RAIL POWER PACK-ET | USA 74158609 | | | | | | |
| RANSOM-RAIL POWER PEGGY-ET | USA 74158640 | | | | | | |
| RANSOM-RAIL POWER PILAR-ET | USA 74158636 | | | | | | |
| RANSOM-RAIL POWER PIXIE-ET | USA 74158542 | | | | | | |
| RANSOM-RAIL POWER POLLY-ET | USA 74158633 | | | | | | |
| RANSOM-RAIL POWER PUFF-ET | USA 74158608 | | | | | | |
| RANSOM-RAIL POWER PURPLE-ET | USA 74158555 | | | | | | |
| RANSOM-RAIL PRESIDENT PANYA | USA 74158616 | | | | | | |
| RANSOM-RAIL PUNCH POCKET | USA 72259846 | | | | | | |
| RANSOM-RAIL PURE PALLAS | USA 74158618 | | | | | | |
| RANSOM-RAIL PURE SAMIAH | USA 74158727 | | | | | | |
| RANSOM-RAIL RB KATLA-ET | USA 73171045 | | C | | | | 1 |
| RANSOM-RAIL REG PATCH-ET | USA 72260104 | | | | | | |
| RANSOM-RAIL RUBICON AMY-TW | USA 74158734 | | | | | | |
| RANSOM-RAIL RUBICON ANN-TW | USA 74158733 | | | | | | |
| RANSOM-RAIL RUBICON SARAH | USA 74158780 | | | | | | |
| RANSOM-RAIL SHAMROCK PENNY | USA 71464402 | | | | | | |
| RANSOM-RAIL SHAMROCK PICKLE | USA 71464333 | | | | | | |
| RANSOM-RAIL SHAN TAHNEE-ET | USA 72260062 | C | C | | | | |
| RANSOM-RAIL SID ASHLEY-ET | USA 71464372 | | | | | | |
| RANSOM-RAIL SILVR PORSHE-ET | USA 74158763 | | | | | | |
| RANSOM-RAIL SLV PRUDENCE-ET | USA 74158776 | | | | | | |
| RANSOM-RAIL SLVR PANDORA-ET | USA 74158779 | | | | | | |
| RANSOM-RAIL SROCK POLLY-ET | USA 70350695 | | | | | | |
| RANSOM-RAIL SS PRUDENCE-ET | USA 73171127 | | | | | | |
| RANSOM-RAIL SSIRE LISETTE | USA 73170922 | | | | | | |
| RANSOM-RAIL SUPER PATCH-ET | USA 74158563 | | | | | | |
| RANSOM-RAIL SUPER PENELOPE | USA 73170807 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RANSOM-RAIL SUPER POWER-ET | USA 74158592 | | | | | | |
| RANSOM-RAIL SUPERS PIPPA | USA 74158337 | | | | | | |
| RANSOM-RAIL SUPERS PRIYA-ET | USA 73171118 | | | | | | |
| RANSOM-RAIL SUPERSIRE PARIS | USA 73170982 | | | | | | |
| RANSOM-RAIL SUPERSIRE PIPPA | USA 73170968 | | | | | | |
| RANSOM-RAIL SUPERSIRE PIXIE | USA 73170799 | | | | | | |
| RANSOM-RAIL SZ PETAL-ET | USA 66812045 | | | | | | |
| RANSOM-RAIL SZ PETRINA-ET | USA 66812040 | | | | | | |
| RANSOM-RAIL SZ PETULA-ET | USA 69379050 | | | | | | |
| RANSOM-RAIL UNO PAULA-ET | USA 71464637 | | | | | | |
| RANSOM-RAIL UNO PEACE-ET | USA 71464639 | | | | | | |
| RANSOM-RAIL UNO PEARL-ET | USA 71464635 | | | | | | |
| RANWAY REGINALD 904 | USA 73625502 | | | | | | |
| RANZLAND BOXER 810 | 840003007283235 | | | | | | |
| RANZLAND BOXER 832 | 840003007283257 | | | | | | |
| RANZLAND BRONCO 894 | 840003010805506 | | | | | | |
| RANZLAND DEX 891 | 840003010805503 | | | | | | |
| RANZLAND DEX 901 | 840003010805513 | | | | | | |
| RANZLAND DORCY 980 | 840003013942133 | | | | | | |
| RANZLAND EXPLODE 846-TW | 840003008437003 | | | | | | |
| RANZLAND FARSANO 903 | 840003010805515 | | | | | C | |
| RANZLAND FORK 872 | 840003008437029 | | | | | | |
| RANZLAND HEADLINER 979 | 840003013942132 | | | | | | |
| RANZLAND LION KING 825 | 840003007283250 | | | C | | | |
| RANZLAND MAGNUS 897-TW | 840003010805509 | | | | | | |
| RANZLAND MAGNUS 898-TW | 840003010805510 | | | | | | |
| RANZLAND MILLIONAIRE 884 | 840003008437041 | | | | | | |
| RANZLAND MOGUL 959-ET | 840003013942112 | | | | | | |
| RANZLAND OMAN OLIVE 551-ET | USA 135967528 | | | | | | |
| RANZLAND PLANET 895 | 840003010805507 | | | | | | |
| RANZLAND SEARCH 890 | 840003010805502 | | | | | | |
| RANZLAND SHAMROCK 961-ET | 840003013942114 | | | | | | |
| RANZLAND WATSON 893 | USA 170270841 | | | C | | | |
| RAPSON BOLTON 1379 | USA 65898959 | | | | | | |
| RAPSON GARRETT 1455 | USA 65899035 | | | | | | |
| RAPSON GARRETT 1481 | USA 65899061 | | | | | | |
| RAPSON GARRETT 1531 | USA 65899111 | | | | | | |
| RAPSON GERARD 1459 | USA 65899039 | | | | | | |
| RAPSON GERARD 1519 | USA 65899099 | | | | | | |
| RAPSON GOLDLASER 1371 | USA 65898951 | | | | | | |
| RAPSON JANUARY 1487 | USA 65899067 | C | | | | | |
| RAPSON JEEVES 1382 | USA 65898962 | | | | | | |
| RAPSON JEEVES 1486 | USA 65899066 | | | | | | |
| RAPSON JORDAN 467-RED | USA 61529076 | | | | | | |
| RAPSON RUNNER 1698-RED | USA 72320500 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RAPSON SHOUT 1477 | USA 65899057 | | | | | | |
| RAPSON SHOUT 1490 | USA 65899070 | | | | | | |
| RAPSON-ROW ANTWAN 1520 | USA 65899100 | | | | | | |
| RAPSON-ROW GARRETT 1438-ET | USA 65899018 | | | | | | |
| RAPSON-ROW GARRETT 1479-ET | USA 65899059 | | | | | | |
| RAPSON-ROW GERARD R1448 | USA 65899028 | | | | | | |
| RAPSON-ROW GOLDENBOY 1534 | USA 65899114 | | | | | | 3 |
| RAPSON-ROW PHOENIX R1443 | USA 65899023 | | | | | | 3 |
| RASHOL BIG TIME VERONICA | USA 140792960 | | | | | | |
| RASHOL EPIC VOLTAGE-ET | USA 64811772 | | | | | | |
| RASHOL MERIDIAN VEGA-ET | USA 64811773 | | | | | | |
| RASHOL MERIDIAN VIXEN-ET | USA 64811775 | | | | | | |
| RASHOL ROBUST VANESSA | USA 64811771 | | | | | | |
| RATKUE-LANE AVALON CARAMEL | USA 142841491 | | | | | C | |
| RATKUE-LANE OVERTIME-P COZI | USA 143195267 | | | | | | |
| RAUNIC ATTARI SHOTTLE | USA 70778655 | | | | | C | |
| RAUSCHER AIRNET 1044 1735 | USA 71886306 | | | | | | |
| RAUSCHER AIRNET 1472 1749 | USA 71886320 | | | | | | |
| RAUSCHER AIRNET 928 1680 | USA 71162891 | | | | | | |
| RAUSCHER AVERY 1417 1655 | USA 71162866 | | | C | | | |
| RAUSCHER BAYONET 1732 2044 | 840003128812654 | | | | | | |
| RAUSCHER BEEMER 1824 2016 | 840003128812626 | | | | | | |
| RAUSCHER BENATAR 1360 1697 | USA 71162908 | | | | | | |
| RAUSCHER BENATAR 1372 1663 | USA 71162874 | | | | | | |
| RAUSCHER BENATAR 1448 1696 | USA 71162907 | | | | | | |
| RAUSCHER BOOKEM 1037 1623 | USA 71162834 | | | | | | |
| RAUSCHER BOOKEM 1162 1528 | USA 70716577 | | | | | | |
| RAUSCHER BRONCO 1141 1572 | USA 70716621 | | | | | | |
| RAUSCHER BRONCO 1305 1523 | USA 70716572 | | | | | | |
| RAUSCHER BUTLER 1717 1919 | USA 74109533 | | | | | | |
| RAUSCHER CAMELOT 1301 1598 | USA 70716647 | | | | | | |
| RAUSCHER CARNEY 1555 2084 | 840003128812694 | | C | C | | | |
| RAUSCHER CASHAY 1810 2028 | 840003128812638 | | | | | | |
| RAUSCHER COLBY 715 1159-ET | USA 65661897 | | | | | | |
| RAUSCHER CORVETTE 1524 1915 | USA 74109529 | | | | | | |
| RAUSCHER CORVETTE 1527 1946 | USA 74109560 | | | | | | |
| RAUSCHER CORVETTE 1751 1998 | USA 74109612 | | C | | | | |
| RAUSCHER CORVETTE 1753 1992 | USA 74109606 | | | | | | |
| RAUSCHER DADDY 1332 1751-ET | USA 71886322 | | C | | | | |
| RAUSCHER DAMARIS 1809 2036 | 840003128812646 | | | | | | |
| RAUSCHER DAMARIS 1812 2032 | 840003128812642 | | | | | C | |
| RAUSCHER DAMASCUS 1206 1496 | USA 69868616 | | | | | | |
| RAUSCHER DECEIVER 1838 2065 | 840003128812675 | | | | | | |
| RAUSCHER DEFENDER 1507 1897 | USA 72937332 | | | | | C | |
| RAUSCHER DEFENDER 1568 1888 | USA 72937323 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAUSCHER DEFENDER 1571 1951 | USA 74109565 | | | | | | |
| RAUSCHER DEFENDER 1649 1913 | USA 74109527 | | | | | | |
| RAUSCHER DEFENDER 1680 2066 | 840003128812676 | | | | | | |
| RAUSCHER DEFENDER 1681 1877 | USA 72937312 | | | C | | | |
| RAUSCHER DEFENDER 1686 1968 | USA 74109582 | | | | | | |
| RAUSCHER DEFENDER 1701 1967 | USA 74109581 | | | C | | | |
| RAUSCHER DEFENDER 1709 1884 | USA 72937319 | | | | | | |
| RAUSCHER DEFENDER 1720 1908 | USA 74109522 | | | | | | |
| RAUSCHER DEFENDER 1728 1871 | USA 72937306 | | | | | | |
| RAUSCHER DEFENDER 1761 2011 | 840003128812621 | | | | | | |
| RAUSCHER DFNDR 1593 1857-ET | USA 72937292 | | | | | | |
| RAUSCHER DISTI 1438 1869-ET | USA 72937304 | | | | | | |
| RAUSCHER DISTI 1438 1872-ET | USA 72937307 | | | C | | | |
| RAUSCHER DOMAIN 527 1500-ET | USA 69868620 | | | C | | | |
| RAUSCHER DORMN 1332 1835-ET | USA 72937270 | | | | | C | |
| RAUSCHER DRMAN 1332 1860-ET | USA 72937295 | | | | | C | |
| RAUSCHER DURHAM 635-396 | USA 60573674 | | | | | | |
| RAUSCHER FOXSNG1839 2002-ET | 840003128812612 | | | | | | |
| RAUSCHER FOXSNG1839 2003-ET | 840003128812613 | | | | | | |
| RAUSCHER G CHIP 1347 1640 | USA 71162851 | | | | | | |
| RAUSCHER G CHIP 1366 1636 | USA 71162847 | | | | | | |
| RAUSCHER G CHIP 1392 1638 | USA 71162849 | | | | | | |
| RAUSCHER G CHIP 1438 1701 | USA 71162912 | | | C | | | |
| RAUSCHER GABOR 1026 1438 | USA 69868558 | | | C | | | |
| RAUSCHER GRAFEETI 1248 1678 | USA 71162889 | | | | | | |
| RAUSCHER GRAFEETI 1313 1682 | USA 71162893 | | | | | | |
| RAUSCHER GRAFEETI 1374 1652 | USA 71162863 | | | | | | |
| RAUSCHER GRAFEETI 1440 1702 | USA 71886273 | | | | | | 1 |
| RAUSCHER GUTHRIE 1044 1593 | USA 70716642 | | | | | | |
| RAUSCHER GUTHRIE 1087 1585 | USA 70716634 | | | | | | |
| RAUSCHER GUTHRIE 659 1579 | USA 70716628 | | | | | | |
| RAUSCHER HAGAR 1640 1920 | USA 74109534 | | | | | | |
| RAUSCHER HAGAR 1705 1891 | USA 72937326 | | | | | | |
| RAUSCHER HAGAR 1719 1885 | USA 72937320 | | | | | | |
| RAUSCHER HAGAR 1725 1895 | USA 72937330 | | | | | | |
| RAUSCHER HALOGEN 1636 1889 | USA 72937324 | | | | | | |
| RAUSCHER HALOGEN 1674 1906 | USA 74109520 | | | | | C | |
| RAUSCHER HALOGEN 1680 1887 | USA 72937322 | | | | | | |
| RAUSCHER HALOGEN 1759 2033 | 840003128812643 | | | | | | |
| RAUSCHER K-BOY 1647 1870-ET | USA 72937305 | | | | | | |
| RAUSCHER K-BOY 1647 1873-ET | USA 72937308 | | | | | | |
| RAUSCHER KINGPIN 1333 1997 | USA 74109611 | | | | | | |
| RAUSCHER LAYNE 1327 1730 | USA 71886301 | | | | | | |
| RAUSCHER LAYNE 1444 1720 | USA 71886291 | | | | | | |
| RAUSCHER LAYNE 1446 1710 | USA 71886281 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAUSCHER LAYNE 1475 1752 | USA 71886323 | | | | | | |
| RAUSCHER LAYNE 1558 1804 | USA 72937239 | | | | | | |
| RAUSCHER LAYNE 1585 1797 | USA 71886368 | | | | | | |
| RAUSCHER LITHIUM 1392 1767 | USA 71886338 | | | C | | | |
| RAUSCHER LITHIUM 1523 1809 | USA 72937244 | | | | | | |
| RAUSCHER M MAKER 1112 1705 | USA 71886276 | | | | | | |
| RAUSCHER MAGNUS 1460 1677 | USA 71162888 | | | | | | |
| RAUSCHER MATHIE 408-803 | USA 15900861 | C | | | | | |
| RAUSCHER MAXUM 1115 1576 | USA 70716625 | | | | | | |
| RAUSCHER MAXUM 1212 1621 | USA 71162832 | | | | | | |
| RAUSCHER MCUTCHEN 1359 1787 | USA 71886358 | | | | | | |
| RAUSCHER MIDNIGHT 1368 1922 | USA 74109536 | | | | | | |
| RAUSCHER MIDNIGHT 1496 1902 | USA 74109516 | | | | | | |
| RAUSCHER MILSON 1301 2052 | 840003128812662 | | | | | | |
| RAUSCHER MILSON 1633 2060 | 840003128812670 | | | | | | |
| RAUSCHER MIXER 1196 1703 | USA 71886274 | | | | | | |
| RAUSCHER MIXER 1234 1657 | USA 71162868 | | | | | | |
| RAUSCHER MIXER 1315 1660 | USA 71162871 | | | | | | 1 |
| RAUSCHER MODESTO 1717 2045 | 840003128812655 | | | | | | |
| RAUSCHER MOGUL 1109 1729 | USA 71886300 | | | C | | | |
| RAUSCHER MOGUL 1193 1850 | USA 72937285 | | | | | | |
| RAUSCHER MOGUL 1333 1748 | USA 71886319 | | | | | | |
| RAUSCHER MOGUL 1342 1755 | USA 71886326 | | | | | | |
| RAUSCHER MOGUL 1597 1836 | USA 72937271 | | | C | | | |
| RAUSCHER MOHAWK 1537 1893 | USA 72937328 | | | | | | |
| RAUSCHER MONTROSS 1433 1984 | USA 74109598 | | | | | | |
| RAUSCHER MORGAN 1496 1766 | USA 71886337 | | | | | C | |
| RAUSCHER MORGAN1332 1759-ET | USA 71886330 | | | | | C | |
| RAUSCHER MORGAN1332 1761-ET | USA 71886332 | | | | | | |
| RAUSCHER NIAGRA 1110 1557 | USA 70716606 | | | | | | |
| RAUSCHER NIAGRA 1234 1522 | USA 70716571 | | | | | | |
| RAUSCHER NIAGRA 1327 1596 | USA 70716645 | | | | | | |
| RAUSCHER OAK 1433 1864 | USA 72937299 | | | | | | |
| RAUSCHER OMAN 1193 1392 | USA 68958988 | | | C | | | |
| RAUSCHER OMAN 847 1044 | USA 64715214 | | | C | | | |
| RAUSCHER OMAN 961-658-ET | USA 61580297 | | | | | | |
| RAUSCHER OSMOND 1011 1547 | USA 70716596 | | | | | | |
| RAUSCHER OSMOND 1140 1543 | USA 70716592 | | | | | | |
| RAUSCHER OSMOND 944 1514 | USA 70716563 | | | | | | |
| RAUSCHER P-ROCK 1364 1892 | USA 72937327 | | | | | | |
| RAUSCHER P-ROCK 1525 1883 | USA 72937318 | | | | | | |
| RAUSCHER P-ROCK 1560 1896 | USA 72937331 | | | | | | |
| RAUSCHER P-ROCK1392 1875-ET | USA 72937310 | | | | | | |
| RAUSCHER P-ROCK1588 1874-ET | USA 72937309 | | | | | | |
| RAUSCHER PARTYROCK1707 1905 | USA 74109519 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAUSCHER PATRIOT 1356 1650 | USA 71162861 | | | | | | |
| RAUSCHER PATRIOT 1398 1635 | USA 71162846 | | | | | | |
| RAUSCHER PATRIOT 1419 1665 | USA 71162876 | | | | | | |
| RAUSCHER PATRIOT 1430 1647 | USA 71162858 | | | | | | |
| RAUSCHER PENROD 1823 2048 | 840003128812658 | | | | | | |
| RAUSCHER PETERPAN 1813 2021 | 840003128812631 | | | | | | |
| RAUSCHER PETY 1760 2071 | 840003128812681 | | | | | | |
| RAUSCHER PETY 1819 2007 | 840003128812617 | | | | | | |
| RAUSCHER PETY 1835 2027 | 840003128812637 | | | | | | |
| RAUSCHER PETY 1852 2037 | 840003128812647 | | | | | | 1 |
| RAUSCHER PLANET 837-1217 | USA 66508972 | | | | | | |
| RAUSCHER PLANET 857-1218 | USA 66508973 | | | | | | |
| RAUSCHER PLANTE 677-1192 | USA 65661930 | | | | | | |
| RAUSCHER PLANTE 806 1193 | USA 65661931 | | | | | | |
| RAUSCHER PLATO 919 1548 | USA 70716597 | | | | | | |
| RAUSCHER PONDER 1489 1981 | USA 74109595 | | | C | | | |
| RAUSCHER PONDER 1585 1977 | USA 74109591 | | | | | | |
| RAUSCHER PONDER 1597 1947 | USA 74109561 | | | C | | | |
| RAUSCHER PREDESTIN1422 1849 | USA 72937284 | | | | | | 3 |
| RAUSCHER PREDESTIN1539 1918 | USA 74109532 | | | | | | 3 |
| RAUSCHER PREDESTIN1635 1890 | USA 72937325 | | | | | | 3 |
| RAUSCHER RBUST 1206 1487-ET | USA 69868607 | | | | | | |
| RAUSCHER REFLECTOR1159 1944 | USA 74109558 | | | | | | |
| RAUSCHER REFLECTOR1518 1975 | USA 74109589 | | | | | | |
| RAUSCHER ROBUST 1202 1497 | USA 69868617 | | | | | | |
| RAUSCHER RODGERS 1630 1937 | USA 74109551 | | | | | | |
| RAUSCHER RODGERS 1639 1914 | USA 74109528 | | | | | | |
| RAUSCHER RODGERS 1657 1945 | USA 74109559 | | | | | | |
| RAUSCHER RODGERS 1706 1917 | USA 74109531 | | | | | | |
| RAUSCHER RODGERS 1724 1882 | USA 72937317 | | | | | | |
| RAUSCHER ROLAND 1026 1538 | USA 70716587 | | | C | | | |
| RAUSCHER S ROCK 1264 1555 | USA 70716604 | | | C | | | |
| RAUSCHER S ROCK 1272 1562 | USA 70716611 | | | | | | |
| RAUSCHER S ROCK 1276 1558 | USA 70716607 | | | | | | |
| RAUSCHER S-SIRE 1369 1824 | USA 72937259 | | | | | | |
| RAUSCHER S-SIRE 1408 1808 | USA 72937243 | | | | | | |
| RAUSCHER SALVTR1593 1838-ET | USA 72937273 | | | | | | |
| RAUSCHER SALVTR1598 1839-ET | USA 72937274 | | | | | | |
| RAUSCHER SHROCK 1250 1588 | USA 70716637 | | | | | | |
| RAUSCHER SMOBIL1528 1760-ET | USA 71886331 | | | | | | |
| RAUSCHER SMOBIL1555 1762-ET | USA 71886333 | | | | | | |
| RAUSCHER SPARK 1837 2063 | 840003128812673 | | | | | | |
| RAUSCHER SROCK 1159 1567-TW | USA 70716616 | | | | | | |
| RAUSCHER SROCK 1159 1568-TW | USA 70716617 | | | | | | |
| RAUSCHER SSIRE 1044 1858-ET | USA 72937293 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RAUSCHER SUPRSIRE 1383 1792 | USA 71886363 | | | | | | |
| RAUSCHER TATUM 1598 1999 | USA 74109613 | | C | | | | |
| RAUSCHER TATUM 1719 2008-TW | 840003128812618 | | | | | | |
| RAUSCHER WINDSOR 1691 1886 | USA 72937321 | | | | | | |
| RAUSCHER WINDSOR 1710 1894 | USA 72937329 | | | | | | |
| RAVEN-CREEK KHLOE-TW | USA 142431416 | | | | | | |
| RAY-BETT BAXTER SIERNA | USA 66330237 | | | | | | |
| RAY-BETT COLBY MERADITH | USA 66330245 | | C | | | | |
| RAY-JO DURHAM GENTLE-ET | USA 72375097 | | | | | | |
| RAY-JO S SASSY SPICE-RED-ET | USA 66445477 | | | | | | |
| RAY-JO SID OREO | USA 72457331 | C | | | | | |
| RAY-MC PLANET DAISY | USA 73374608 | | | | | | |
| RAYGOR BOLTON ALEXIS | USA 66326384 | | | | | | |
| RAYGOR CROWN TEI | USA 70611456 | | | | | | 3 |
| RAYGOR JORDAN JOCELYN | USA 64919245 | | | | | | |
| RAYGOR SHOTTLE ABIGAIL | USA 70611436 | | | | | C | |
| RAYLORE ALEXANDER AVA-ET | USA 141935207 | | | | | | 1 |
| RAYLORE LASSITTER JENNA | USA 139052880 | | | | | | |
| RAYLORE M M KIWI-ET | USA 62995106 | C | | | | | |
| RAYLORE SHAMROCK FREDA | USA 142296059 | C | | | | | |
| RAYMAU ALEXANDER 7253 | 840003006779759 | | | C | | | |
| RAYON D OR LEXOR ELYANE-ET | CAN 107959673 | | | | | | |
| RAYON D'OR WBROOK TIMELESS | CAN 11397815 | | | | | | |
| RAYON DOR CHEVROLET ESMERAL-ET | CAN 108920648 | | | | | | |
| RAYON DOR SHAW EMBER-ET | CAN 107824332 | | | | | C | |
| RAYPEL GOODLUCK SHANA-ET | CAN 101843332 | | | | | | |
| RAYPEL GOODLUCK SUNSHADE | CAN 101843331 | | | | | | |
| RAZL-DAZL-RW BLACK CHERRY | USA 73385319 | | | | | | |
| RAZORS-EDGE AMANDAS JUNIPER | USA 66445480 | | | | | | |
| RB DANE CORALIE | USA 135875533 | | | | | | |
| RB DEX CLARESSE | USA 139981667 | | | | | | |
| RB PRONTO KAY | USA 139981658 | C | | | | | |
| RB-SUMMIT GRAND SARENA | USA 66322177 | C | | | | | |
| RB-SUMMIT TIAGO 7722 | USA 74749965 | | | | | | |
| RB-WESTROSE CTLYST 351-ET | USA 72475413 | | | | | | |
| RB-WESTROSE JOSU SARAH-ET | 840003125466999 | | | | | | |
| RB-WESTROSE JS SMILE-ET | 840003125467001 | | | | | | |
| RB-WESTROSE LEVI 237-ET | USA 71866455 | | | C | | | |
| RB-WESTROSE LEVI 258-ET | USA 71866476 | | | | | | |
| RB-WESTROSE LEVI 259-ET | USA 71866477 | | | | | | |
| RB-WESTROSE MASSEY 345-ET | USA 72475407 | | | | | | |
| RB-WESTROSE S SIRE 321 | USA 72475383 | | | | | | |
| RB-WESTROSE SHAMROCK 249 | USA 71866467 | | | | | | |
| RB-WESTROSE TNG 347-ET | USA 72475409 | | C | | | | |
| RB-WESTROSE TROY TWINKLE | USA 72475420 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RC-ACRES ALEXANDER 3715-ET | USA 70083493 | | | | | | 1 |
| RC-ACRES PRONTO G LUELLA-ET | USA 139732777 | | | | | | 3 |
| RC-LC ALEXANDER LIA LIBY-ET | USA 66790447 | | | | | | 1 |
| RC-LC GOLD CHIP KOZY-ET | USA 72429626 | | | | | | |
| RC-LC GOLDWYN ATM | USA 62898841 | | | | | | |
| RC-LC SHOTTLE LIA LACY | USA 66790453 | | | | | | |
| RC-NC ANDERSON 9625 | USA 72657250 | | | | | | |
| RC-NC ANDERSON 9630 | USA 72657251 | | | | | | |
| RC-NC ASPEN 4668-ET | USA 64701484 | | | | | | |
| RC-NC BAXTER 4993-ET | USA 65315548 | | | | | | |
| RC-NC BAXTER 6805 | USA 68670725 | | | | | | |
| RC-NC BAXTER 9354-ET | USA 72247426 | | | | | | |
| RC-NC BAXTER 9367-ET | USA 72247431 | C | | | | | |
| RC-NC BAXTER 9419 | USA 72247443 | | | | | | |
| RC-NC BAXTER 9615 | USA 72657247 | | | | | | |
| RC-NC BAXTER 9753 | USA 72657263 | | | | | | |
| RC-NC BAXTER 9772 | USA 72816789 | | | | | | |
| RC-NC BAXTER 9877 | USA 72935110 | | | | | | |
| RC-NC BOOKEM 8360-ET | USA 70367199 | | | | | | |
| RC-NC BOOKEM 8363-ET | USA 70367202 | | | | | | |
| RC-NC BRONO 9955 | USA 72935126 | | | | | | |
| RC-NC CHASE 9865 | USA 72816800 | | | | | | |
| RC-NC ENFORCER 2770 | 840003131904345 | | | | | | |
| RC-NC GALAXY 1357-ET | USA 73596057 | | | | | | |
| RC-NC GALAXY 1417 | USA 74006030 | | | | | | |
| RC-NC GALAXY 9971 | USA 72935128 | | | | | | |
| RC-NC GERARD 8545-ET | USA 71275817 | | | | | | |
| RC-NC GILLESPY 9920 | USA 72935120 | | | | | | |
| RC-NC GR8M8 7643 | USA 69725779 | | | | | | |
| RC-NC IOTA 8240-ET | USA 70367079 | | | | | | |
| RC-NC IOTA 8242-ET | USA 70367081 | | | | | | |
| RC-NC IOTA 8264-ET | USA 70367103 | | | | | | |
| RC-NC IOTA 8352-ET | USA 70367191 | | | | | | |
| RC-NC JACEY 2168-ET | 840003127916893 | | | | | | |
| RC-NC JACEY 2185-ET | 840003127916910 | | | | | | |
| RC-NC JACEY 2187-ET | 840003127916912 | | | | | | |
| RC-NC JACEY 2546-ET | 840003127917271 | | | | | | |
| RC-NC JACEY 2550-ET | 840003127917275 | | | | | C | |
| RC-NC JACEY 2554-ET | 840003127917279 | | | | | | |
| RC-NC JIVES 1013 | USA 73251461 | | | | | | |
| RC-NC JIVES 9884 | USA 72935111 | | | | | | |
| RC-NC KINGBOY 2596-ET | 840003131904171 | | | | | | |
| RC-NC LARGE 9476 | USA 72401803 | | | | | | |
| RC-NC MAC 6655 | USA 68670575 | | | | | | |
| RC-NC MAN O MAN 7380-ET | USA 69024009 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RC-NC MAN O MAN 7550-ET | USA 69725686 | | | | | | |
| RC-NC MARAUDER 7551-ET | USA 69725687 | | | | | | |
| RC-NC MARAUDER 7590 | USA 69725726 | | | | | | |
| RC-NC MOGUL 9926 | USA 72935121 | | | | | | |
| RC-NC PARADISE 9982 | USA 73251474 | | | | | | |
| RC-NC ROSS 7507-ET | USA 69725643 | | | C | | | |
| RC-NC ROSS 7513-ET | USA 69725649 | | | | | | |
| RC-NC SHAMELESS 9400 | USA 72247438 | | | | | | |
| RC-NC SHAMROCK 8440-ET | USA 70367279 | | | | | | |
| RC-NC SHERAC 9226 | USA 72084620 | | | | | | |
| RC-NC SHIMONE 9813 | USA 72816793 | | | | | | |
| RC-NC SHOTTLE 1342-ET | USA 73596052 | | | | | C | |
| RC-NC SHOTTLE 1343-ET | USA 73596053 | | | | | | |
| RC-NC SILVER 2666 | 840003131904241 | | | | | | |
| RC-NC SWAROVSKI 9973 | USA 72935129 | | | | | C | |
| RC-NC-BTA ALEXA DEE 7698-ET | USA 69725834 | | | C | | | 1 |
| RC-NC-BTA ANDERSON 9526-ET | USA 72401816 | | | | | | |
| RC-NC-BTA ANDERSON 9536-ET | USA 72401817 | | | | | | |
| RC-NC-BTA ARMSTEAD ADDI-ET | USA 66491341 | | | | | | |
| RC-NC-BTA ARMSTEAD ALLIE-ET | USA 66491344 | | | | | | |
| RC-NC-BTA ARMSTEAD AMY-ET | USA 66491350 | | | | | | |
| RC-NC-BTA BALDWIN 9508 | USA 72401810 | | | | | | |
| RC-NC-BTA BAXTER 8260-ET | USA 70367099 | | | | | | |
| RC-NC-BTA BAXTER 8285-ET | USA 70367124 | | | | | | |
| RC-NC-BTA BAXTER 9487-ET | USA 72401807 | | | | | | |
| RC-NC-BTA BAXTER 9604-ET | USA 72401832 | | | | | | |
| RC-NC-BTA BLIVER AMY6026-ET | USA 66491115 | | | | | | |
| RC-NC-BTA BLIVER ANN6019-ET | USA 66491108 | | | | | | |
| RC-NC-BTA BOOKEM 8641-ET | USA 71402886 | | | | | | |
| RC-NC-BTA CALICO 9370-ET | USA 72247433 | | | | | | |
| RC-NC-BTA DOM 8398-ET | USA 70367237 | | | | | | |
| RC-NC-BTA ENFORCER 2573 | 840003131904148 | | | | | | |
| RC-NC-BTA EPIC 9280 | USA 72084639 | | | | | | |
| RC-NC-BTA EPIC 9299 | USA 72084644 | | | | | | |
| RC-NC-BTA FREDDIE 2751 | 840003131904326 | | | | | | |
| RC-NC-BTA GERARD 8543-ET | USA 71275816 | | | | | | |
| RC-NC-BTA GERARD 8559-ET | USA 71275819 | | | | | | |
| RC-NC-BTA GERARD 8567 | USA 71275820 | | | | | | |
| RC-NC-BTA GERARD 8570-ET | USA 71275821 | | | | | | |
| RC-NC-BTA GOLDWYN JANE-ET | USA 66491295 | | | | | | 1 |
| RC-NC-BTA HILL 1610 | USA 74006051 | | | | | | |
| RC-NC-BTA IOTA 8329-ET | USA 70367168 | | | | | | |
| RC-NC-BTA IOTA JEWEL-ET | USA 70367154 | | | | | | |
| RC-NC-BTA JACEY 1469 | USA 74006036 | | | | | | |
| RC-NC-BTA JIVES 8584-ET | USA 71275823 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RC-NC-BTA JIVES 8592-ET | USA 71275825 | | | | | | |
| RC-NC-BTA JIVES 8720 | USA 71402903 | | | | | | |
| RC-NC-BTA JIVES 8748 | USA 71520128 | | | | | | |
| RC-NC-BTA MARAUDER 7603 | USA 69725739 | | | | | | |
| RC-NC-BTA MASSEY 2640 | 840003131904215 | | | | | | |
| RC-NC-BTA MILLION ALDA-ET | USA 66824159 | | | | | | |
| RC-NC-BTA MOGUL 1181-ET | USA 73370210 | | | | | | |
| RC-NC-BTA MOGUL 1188-ET | USA 73370212 | | | | | | |
| RC-NC-BTA O-STYLE 8690-ET | USA 71402897 | | | | | | |
| RC-NC-BTA O-STYLE 8696-ET | USA 71402899 | | | C | | | |
| RC-NC-BTA OAK 1338-ET | USA 73596051 | | | | | | |
| RC-NC-BTA OBSERVER 8776 | USA 71520132 | | | | | | |
| RC-NC-BTA ONWARD ALICE-ET | USA 66491276 | | | | | | |
| RC-NC-BTA RAMOS AMY-ET | USA 66491192 | | | | | | |
| RC-NC-BTA ROSS 8458-ET | USA 70367297 | | | C | | | |
| RC-NC-BTA ROSS JEWEL 7718 | USA 69725854 | | | C | | | |
| RC-NC-BTA SALEEN 9713 | USA 72657260 | | | | | | |
| RC-NC-BTA SHOTTLE 2883 | 840003131904458 | | | | | | |
| RC-NC-BTA SHOTTLE 8423-ET | USA 70367262 | | | | | | |
| RC-NC-BTA SHOTTLE 8427-ET | USA 70367266 | | | | | C | |
| RC-NC-BTA SHOTTLE 8436-ET | USA 70367275 | | | | | | |
| RCOWSGETRDUN SEBAS 14880 | USA 70157215 | | | | | | |
| RE-MARKEL ALMOND MORGAN | USA 72136720 | | | | | | |
| RE-MARKEL APPLE BOY SASHA | USA 72136706 | | | | | | |
| RE-MARKEL DAY FLOSSANNE | USA 72136739 | | | | | | |
| RE-MARKEL DYMON TANSIE | USA 73260513 | | | | | | |
| RE-MARKEL ERSKINE MARBELLA | USA 74481815 | | | | | | |
| RE-MARKEL ERSKINE TAMMY | USA 72136710 | | | | | | |
| RE-MARKEL HEFTY HELDA | USA 72136721 | | | | | C | |
| RE-MARKEL KRISTOFF ADELINE | USA 72136735 | | | | | | |
| RE-MARKEL LAWMAN DESREE | USA 74481821 | | | | | | |
| RE-MARKEL LENOX VIENNA | USA 74481826 | | | | | | |
| RE-MARKEL MAGENT MASTY-RED | USA 73260512 | | C | | | | 3 |
| RE-MARKEL MATRIX ARIE-RED | USA 72136740 | | | | | | |
| RE-MARKEL MOGUL BELLI | USA 74481818 | | | | | | |
| RE-MARKEL MOGUL CLARA | USA 72136754 | | | | | | |
| RE-MARKEL MOGUL LORMAY | USA 73260514 | | | | | | |
| RE-MARKEL O-STYLE ROSIE | USA 72136709 | | | C | | | |
| RE-MARKEL PETY PARTY | USA 74481825 | | | | | | |
| RE-MARKEL PLATINUM CECILLA | USA 73260518 | | | | | C | |
| RE-MARKEL PROPER ETHAL | USA 69312085 | | | | | | |
| RE-MARKEL PROPER JACKIE | USA 72136708 | | | | | | |
| RE-MARKEL PROPER LILY | USA 69312087 | | | | | | |
| RE-MARKEL SHAMROCK BARSANE | USA 73260517 | | | | | | |
| RE-MARKEL SHIMONE NICKIE | USA 73260509 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RE-MARKEL SILVER DOLLAR | USA 74481827 | | | | | | |
| RE-MARKEL SUPER NESSIA | USA 72136713 | | | | | | |
| RE-MARKEL TANGO DASINE | USA 73260540 | | | | | | |
| RE-MARKEL TROY PAMELA-ET | USA 74481828 | | | | | | |
| RE-MARKEL TROY PIXIE-ET | USA 74481824 | | | | | | |
| REAGN-ALH J EVAMARIE-ET | USA 66624854 | | | | | | |
| REBMA DESTRY BADOT-RED | USA 142041547 | | | | | | 1 |
| RECREL ALTAKOOL APRIL-ET | USA 71229583 | | | | | | |
| RECREL CAMERON ABBY-ET | USA 55969465 | | | | | | |
| RECREL CAMERON ABIGAIL-ET | USA 55969464 | | | | | | |
| RECREL CAMERON ADA-ET | USA 55969466 | | | | | | |
| RECREL CAMERON AGNES-ET | USA 55969468 | | | | | | |
| RECREL CRANK IT APRIL | USA 71229638 | | | | | | |
| RECREL DISTINCTION AMRIE-ET | USA 56650861 | | | | | | |
| RECREL EPIC AMANDA-ET | USA 71229568 | | | | | | |
| RECREL EPIC AMY-ET | USA 71229569 | | | | | | |
| RECREL EPIC ANDREA-ET | USA 55969472 | | | | | | |
| RECREL EPIC ASHLEY-ET | USA 71229573 | | | | | | |
| RECREL JABIR AMANDA-ET | USA 71229604 | | | | | | |
| RECREL JABIR AMBER-ET | USA 71229603 | | | | | | |
| RECREL KINGBOY ADA | USA 71229615 | | | | | | |
| RED OAK SANCHEZ ODYSSEY | CAN 11050599 | | | | | | |
| RED-BRAE EJ ENCINO GABBY | USA 53134852 | | | | | | |
| RED-BUD-RIDGE ACME GEM | USA 142233157 | | | | | | 1 |
| RED-BUD-RIDGE ALEX GENASEE | USA 141829429 | | | | | | |
| RED-BUD-RIDGE ALEX ISABEL | USA 140833164 | | | | | | 1 |
| RED-BUD-RIDGE BOLTO MOSTARO | USA 141196011 | | | | | | |
| RED-BUD-RIDGE BOLTON BIC | USA 139342273 | | | | | | |
| RED-BUD-RIDGE COLBY GWEN | USA 140162237 | | C | | | | |
| RED-BUD-RIDGE DEMPSEY RIDGE | USA 142530601 | C | | | | | 1 |
| RED-BUD-RIDGE DOBMAN ICE | USA 142275111 | | | | | | |
| RED-BUD-RIDGE DOM ZESTY | USA 143067728 | | | | | | |
| RED-BUD-RIDGE DOMAIN BUS | USA 141196507 | | | | | | |
| RED-BUD-RIDGE DURABL GINGER | USA 141715719 | | C | | | | 3 |
| RED-BUD-RIDGE DURABL GLORIA | USA 141476416 | | C | | | | 3 |
| RED-BUD-RIDGE DURABLE NAOMI | USA 142275278 | | C | | | | 3 |
| RED-BUD-RIDGE DURABLE ZILCH | USA 142088515 | | | | | | 3 |
| RED-BUD-RIDGE FOTA GLOSS-ET | USA 142091832 | | | | | | |
| RED-BUD-RIDGE GRUSH BOBBI | USA 142088458 | | | | | | |
| RED-BUD-RIDGE GWAY GUSH-ET | USA 143067764 | | | | | | |
| RED-BUD-RIDGE HERO GLINT | USA 142088542 | | | | | | |
| RED-BUD-RIDGE HERO ZERO | USA 142682885 | | | | | | |
| RED-BUD-RIDGE HLINE GUSSY | USA 143142492 | | | | | | |
| RED-BUD-RIDGE HLINE PATRCIA | USA 142701494 | | | | | | |
| RED-BUD-RIDGE IO GLIMMER-ET | USA 142091841 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-BUD-RIDGE IOTA BUST | USA 142599714 | | | | | | |
| RED-BUD-RIDGE IOTA GIFT-ET | USA 142091887 | | C | | | | |
| RED-BUD-RIDGE IOTA GLISTEN | USA 141706900 | | | | | | |
| RED-BUD-RIDGE IOTA GLORY-ET | USA 142091850 | | | | | | |
| RED-BUD-RIDGE JEEVES BUBBLE | USA 141463939 | | | | | | |
| RED-BUD-RIDGE LADD BOOTS P | USA 143217628 | | | | | | 1 |
| RED-BUD-RIDGE MAMOTH IDA | USA 141996880 | | | | | | |
| RED-BUD-RIDGE MASSEY GINNY | USA 140833173 | | | | | | |
| RED-BUD-RIDGE MOGUL GLAD | USA 143007397 | | | | | | |
| RED-BUD-RIDGE MOGUL GLORY | USA 142599657 | | | | | | |
| RED-BUD-RIDGE PARADIS SUSIE | USA 143067821 | | | | | | |
| RED-BUD-RIDGE RICHM G2 | USA 141992327 | | | | | | |
| RED-BUD-RIDGE ROAK GLOW | USA 142088551 | | | C | | | |
| RED-BUD-RIDGE SHA GAIETY-ET | USA 143067812 | | | | | | |
| RED-BUD-RIDGE SHAK GABBY-ET | USA 143067803 | | | | | | |
| RED-BUD-RIDGE SHAKE BANJO | USA 143067737 | | | | | | |
| RED-BUD-RIDGE SHAKE GALE-ET | USA 143067746 | | | | | | |
| RED-BUD-RIDGE SHAKE GAZE-ET | USA 143174365 | | | | | | |
| RED-BUD-RIDGE SHAKE GLEE-ET | USA 143067755 | | | | | | |
| RED-BUD-RIDGE SHAKE GUM-ET | USA 143067791 | | | | | | |
| RED-BUD-RIDGE SHOT ZIGGY | USA 141992318 | | | | | | |
| RED-BUD-RIDGE SHOTTLE IZZY | USA 141463555 | | | | | C | |
| RED-BUD-RIDGE SROK RAINBO | USA 142701506 | | | | | | |
| RED-BUD-RIDGE STAN BRIGHT | USA 142682924 | | | | | | |
| RED-BUD-RIDGE TOY BIKE | USA 141375425 | | | | | | |
| RED-BUD-RIDGE TOYS GIG | USA 141706898 | | | | | | |
| RED-BUD-RIDGE WIZ BOBO | USA 136125828 | | | | | | |
| RED-E-J DURHAM DANECIA-ET | USA 72926316 | | | | | | |
| RED-E-J EPIC 191 | USA 72926306 | | | | | | |
| RED-E-J GUTHRIE 185-ET | USA 72926300 | | | | | | |
| RED-E-J GUTHRIE AVERY | USA 65695372 | | | | | | |
| RED-E-J KINGBOY EVE-ET | USA 72926347 | | | | | | |
| RED-E-J MCCUTCHEN 192 | USA 72926307 | | | | | | |
| RED-E-J MONTROSS DAWNY | USA 72926382 | | | | | | |
| RED-E-J SAMUELO ELLA | USA 62684860 | | | | | | |
| RED-E-J SHAMROCK GRENADE-ET | USA 65695373 | | | | | | |
| RED-E-J SHAMROCK SWAN-ET | USA 65695376 | | | | | | |
| RED-E-J SHOTTLE LOLLIE | USA 65695279 | | | | | | |
| RED-E-J SHOTTLE SWANNY-ET | USA 65695347 | | | | | C | |
| RED-E-J SUPER ANGEL | USA 65695375 | | | | | | |
| RED-E-J-MY DEF MACEN-ET | USA 72926331 | | | | | | |
| RED-E-J-MY DEF MACEY-ET | USA 72926329 | | | | | | |
| RED-E-J-MY DEYJA 249-ET | USA 72926364 | | | | | | |
| RED-E-J-MY KBOY MACKI-ET | USA 72926351 | | | | | | |
| RED-E-J-MY KBOY MACKIN-ET | USA 72926352 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-E-J-MY KBOY NEMACE-ET | USA 72926345 | | | | | | |
| RED-E-J-MY LIQUIDGOLD KEAAU | USA 72926349 | | | | | | |
| RED-E-J-MY MEVENT MACELY-ET | USA 72926344 | | | | | | |
| RED-E-J-MY MONT MACEL-ET | USA 72926362 | | | | | | |
| RED-E-J-MY MONT MACEMIL-ET | USA 72926356 | | | | | | |
| RED-E-J-MY MONT MACERY-ET | USA 72926350 | | | | | | |
| RED-E-J-MY OLY MACIE-ET | USA 72926330 | | | | | | |
| RED-IVY 1ST CLASS JOY-ET | USA 73708211 | | | | | | |
| RED-IVY 7283EPIC MARILYN-ET | USA 70955580 | | | | | C | |
| RED-IVY ARMITAGE 7263 | USA 70955560 | | | | | | |
| RED-IVY BOOKEM 7253 | USA 70955550 | | | | | C | |
| RED-IVY CABRIOLET 8024 | USA 72251186 | | | | | | |
| RED-IVY CASH MONEY 7826 | USA 72250988 | | | | | | |
| RED-IVY DONATELLO 7880 | USA 72251042 | | | | | | |
| RED-IVY ECOYNE ISY MAY-ET | USA 70955655 | | | | | C | |
| RED-IVY ECOYNE ISY MIMI-ET | USA 70955651 | | | | | | |
| RED-IVY ECOYNE ISY MOE-ET | USA 70955657 | | | | | C | |
| RED-IVY EPIC MONROE-ET | USA 70955588 | | | | | | |
| RED-IVY GALAXY 7705 | USA 72250867 | | | | | | |
| RED-IVY GALAXY 7994 | USA 72251156 | | | | | | |
| RED-IVY GRAFEETI MELODY | USA 70955538 | | | | | | |
| RED-IVY HEADLINER 7986 | USA 72251148 | | | | | | |
| RED-IVY HEADLINER 8002 | USA 72251164 | | | | | | |
| RED-IVY KRAMER MAXINE-ET | USA 70955458 | | | C | | C | |
| RED-IVY KRAMER MIYLA-ET | USA 70955449 | | | C | | | |
| RED-IVY LARGE MADISON-ET | USA 70955693 | | | | | C | |
| RED-IVY LARGE MARLA-ET | USA 70955698 | | | | | | |
| RED-IVY LARGE MARSHA-ET | USA 70955685 | | | | | C | |
| RED-IVY LARGE MIDGE-ET | USA 70955687 | | | | | C | |
| RED-IVY LAYNE 7666 | USA 72250828 | | | | | | |
| RED-IVY LITHIUM MILLIE-ET | USA 70955723 | | | | | | |
| RED-IVY LITHIUM MINNIE-ET | USA 70955729 | | | | | C | |
| RED-IVY MAN-O-MAN 7281 | USA 70955578 | | | | | | |
| RED-IVY MCCUTCHEN 7699 | USA 72250861 | | | | | | |
| RED-IVY MICK 7259 | USA 70955556 | | | | | | |
| RED-IVY NUMERO UNO MAE-ET | USA 70955786 | | | | | | |
| RED-IVY NUMERO UNO MERI-ET | USA 70955790 | | | | | | |
| RED-IVY NUMERO UNO MISMO-ET | USA 70955785 | | | | | | |
| RED-IVY PREDESTINE 7914 | USA 72251076 | | | | | | |
| RED-IVY SHAN 7844 | USA 72251006 | | | | | | |
| RED-IVY SUDAN MAEVE-ET | USA 70955741 | | | | | C | |
| RED-IVY SUDAN MAGNOLIA-ET | USA 70955743 | | | | | C | |
| RED-IVY SUDAN MAINE-ET | USA 70955745 | | | | | C | |
| RED-IVY SUDAN MAIREAD-ET | USA 70955754 | | | | | | |
| RED-IVY SUDAN MALLORY-ET | USA 70955755 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-IVY SUPERSHOT KITTY-ET | USA 73708241 | | | | | | |
| RED-IVY SUPERSHOT LUCY-ET | USA 73708229 | | | | | | |
| RED-IVY SUPERSIRE 7940 | USA 72251102 | | | | | | |
| RED-IVY WILLPOWER 7864-ET | USA 72251026 | C | | | | | |
| RED-IVY WILLPOWER 7865-ET | USA 72251027 | | | | | | |
| RED-IVY WILLPOWER 7867-ET | USA 72251029 | | | | | | 1 |
| RED-MY-JOY ATWOOD AMANDA-ET | USA 141794693 | | | | | | |
| RED-MY-JOY BLITZ MEL | USA 135543908 | | | | | | |
| RED-MY-JOY CASUAL CASSIE-ET | USA 142872046 | | | | | | 3 |
| RED-MY-JOY DOBMAN DEBBIE | USA 141794714 | | | | | | 3 |
| RED-MY-JOY DURHAM SWANNY | USA 135057128 | | | | | | |
| RED-MY-JOY ELMO 217 | USA 72926332 | | | | | | |
| RED-MY-JOY EPIC ELLA-ET | USA 142030277 | | | | | | |
| RED-MY-JOY MOGUL MITTSY | USA 142337422 | | | | | | |
| RED-MY-JOY MOSCOW MACEY | USA 139900035 | | | | | | |
| RED-MY-JOY SHAMROCK STELLA | USA 141794705 | | | | | | |
| RED-MY-JOY SOCRAT LYNNET-ET | USA 139980899 | | | | | | 1 |
| RED-MY-JOY SOCRATE LILAH-ET | USA 139980901 | | | | | | |
| RED-MY-JOY SOCRATES LACE-ET | USA 139936153 | | | | | | 1 |
| RED-MY-JOY SOCRATES LOLA-ET | USA 139980910 | | | | | | |
| RED-MY-JOY WYATT WANDA | USA 141802428 | | | | | C | |
| RED-OAK-APPLE EMBER-ET | USA 72565072 | | | | | | |
| RED-OAK-APPLE EMIAN-ET | USA 72565069 | | | | | | |
| RED-OAK-APPLE EMMA | USA 72565074 | | | | | | |
| RED-OAK-APPLE EMMIE-N | USA 56234372 | | | | | | |
| RED-OAK-APPLE GAPPS | USA 72565076 | | | | | | |
| RED-OAK-APPLE GIGI | USA 56438526 | | | | | | |
| RED-OAK-APPLE GILBY-ET | USA 56438546 | | | | | | |
| RED-OAK-APPLE GINDIE-N-ET | USA 56438537 | | | | | | |
| RED-OAK-APPLE GITA-N-ET | USA 56438536 | | | | | | |
| RED-OAK-APPLE GITANA-N-ET | USA 56438527 | | | | | | |
| RED-OAK-APPLE GRACE | USA 72565077 | | | | | | |
| RED-OAK-APPLE GRALICE | USA 56438538 | C | | | | | |
| RED-OAK-APPLE GRAPE | USA 72565075 | | C | | | | |
| RED-OAK-APPLE GRETA-N | USA 56438515 | | | | | | |
| RED-OAK-APPLE MARI | USA 72565068 | | | | | | |
| RED-OAK-APPLE MO TALLEY-ET | USA 56438541 | | | | | | |
| RED-OAK-APPLE S THAIDYN-ET | USA 56438548 | | | | | | |
| RED-OAK-APPLE TAVIA-N-ET | USA 56438533 | | | | | | |
| RED-OAK-APPLE THALEA-N-ET | USA 56438532 | | | | | | |
| RED-OAK-APPLE THURIA-ET | USA 56438544 | | | | | | |
| RED-OAK-APPLE TULLIA-N-ET | USA 56438535 | | | | | | |
| RED-OAK-DB AL ANNA-ET | USA 140448106 | | | | | | |
| RED-OAK-DB AL ANNETTE-ET | USA 140448115 | | | | | | |
| RED-OAK-DB AL EMILY | USA 140385344 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-OAK-DB AL GLORY | USA 140428885 | | | C | | | |
| RED-OAK-DB AL JACQULINE | USA 140428791 | | | | | | |
| RED-OAK-DB AL MASTER | USA 140448133 | | | | | | |
| RED-OAK-DB AL RUBY | USA 140448076 | | | C | | | |
| RED-OAK-DB ALAN MASTER | USA 141049551 | | | | | | |
| RED-OAK-DB AVERY ALI-ET | USA 141624033 | | | | | | |
| RED-OAK-DB AVERY ALISON-ET | USA 141624118 | | | C | | | |
| RED-OAK-DB AVERY ALLEY-ET | USA 141624015 | | | C | | | 1 |
| RED-OAK-DB AVERY BOLTON | USA 141809890 | | | C | | | 1 |
| RED-OAK-DB AVERY MAY-ET | USA 141787989 | | | | | | |
| RED-OAK-DB AVERY PLUS | USA 141809845 | | | C | | | 1 |
| RED-OAK-DB BAYONET LEAD-ET | USA 143591287 | | | | | | |
| RED-OAK-DB CM 693 | USA 142074738 | | | | | | |
| RED-OAK-DB CM 836 | USA 142140376 | | | | | | |
| RED-OAK-DB CROWN 404 | USA 139573684 | | | C | | | 1 |
| RED-OAK-DB DADDY DAISY-ET | USA 142901577 | | | | | | |
| RED-OAK-DB DADDY DEAR-ET | USA 142790450 | | | | | | |
| RED-OAK-DB DADDY DEIR-ET | USA 142790487 | | | | | | 3 |
| RED-OAK-DB DEFENDER 68 | USA 142901595 | | | | | | |
| RED-OAK-DB DEFENDER 889 | USA 142901568 | | | | | | |
| RED-OAK-DB DEFENDER GC 37 | USA 143316260 | | | | | | |
| RED-OAK-DB DEFENDER JAM1-ET | USA 143185710 | | | | | | |
| RED-OAK-DB DEFENDER JAN-ET | USA 143151443 | | | | | | |
| RED-OAK-DB DEFENDER JANE-ET | USA 143185701 | | | | | | |
| RED-OAK-DB DEFENDER JANI-ET | USA 143185765 | | | | | | |
| RED-OAK-DB DEFENDER JOE-ET | USA 143151274 | | | | | | |
| RED-OAK-DB DEFENDER JOEE-ET | USA 143151452 | | | | | | |
| RED-OAK-DB DEFENDER JOI-ET | USA 143151407 | | | | | | |
| RED-OAK-DB DEFENDER JOIE-ET | USA 143151395 | | | | | | |
| RED-OAK-DB DEFENDER LEAD-ET | USA 142901586 | | | | | | |
| RED-OAK-DB DEFENDER SHAM | USA 143185699 | | | | | | |
| RED-OAK-DB DIAMOND JO | USA 142633096 | | | C | | | |
| RED-OAK-DB DOLLARS DANA-ET | USA 142517118 | | | | | | |
| RED-OAK-DB DOLLARS JACKIE | USA 142516274 | | | | | | |
| RED-OAK-DB DOLLARS LEA-ET | USA 142757431 | | | | | | |
| RED-OAK-DB DOLLARS LEE-ET | USA 142757422 | | | | | | |
| RED-OAK-DB DONATELLO MAR-ET | USA 142757516 | | | | | | |
| RED-OAK-DB DONATELLO MAY-ET | USA 142757507 | | | | | | |
| RED-OAK-DB DURHAM EMI | USA 135876646 | | | | | | |
| RED-OAK-DB EPIC ROBIE | USA 142340132 | | | | | | |
| RED-OAK-DB FORK 30 10019-ET | 840003012559823 | | | | | | |
| RED-OAK-DB GOLD CHIP DG-ET | USA 141809920 | | | C | | | |
| RED-OAK-DB GOLD CHIP TG-ET | USA 141809939 | C | | | | | |
| RED-OAK-DB GOLD CHIP TIME | USA 141809975 | | | | | | |
| RED-OAK-DB GREENWAY LEAD-ET | USA 143150965 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-OAK-DB HALOGEN 17 | USA 143151144 | | | | | | |
| RED-OAK-DB HALOGEN 176 | USA 143591148 | | | | | | |
| RED-OAK-DB HALOGEN 181 | USA 143591214 | | | | | | |
| RED-OAK-DB HALOGEN 649 | USA 143151229 | | | | | | |
| RED-OAK-DB HALOGEN 857 | USA 142901652 | | | | | | |
| RED-OAK-DB HALOGEN 88 | USA 143151162 | | | | | | |
| RED-OAK-DB HALOGEN LEAH 134 | USA 143331054 | | | | | | |
| RED-OAK-DB HALOGEN MACY 131 | USA 143446765 | | | | | | |
| RED-OAK-DB HALOGEN ROBI 44 | USA 143316185 | | | | | | |
| RED-OAK-DB HALOGEN ZENA 858 | USA 143316224 | | | | | | |
| RED-OAK-DB HEADLINER 678 | USA 142790478 | | | | | | |
| RED-OAK-DB HEADLINER SILVER | USA 142516229 | | | | | | |
| RED-OAK-DB LAYNE 45 | USA 142757543 | | | | | | |
| RED-OAK-DB LAYNE 743 | USA 142074840 | | | | | | |
| RED-OAK-DB LAYNE 891 | USA 142188998 | | | | | | |
| RED-OAK-DB LAYNE 945 | USA 142292989 | | | | | | |
| RED-OAK-DB LAYNE BOXER | USA 142241367 | | | | | | |
| RED-OAK-DB LAYNE GAL-ET | USA 142189010 | C | | | | | |
| RED-OAK-DB LAYNE GIRL | USA 142074699 | | | | | | |
| RED-OAK-DB LAYNE LACY-ET | USA 142340208 | | | | | | |
| RED-OAK-DB LAYNE LAURL-ET | USA 142340141 | | | | | | |
| RED-OAK-DB LAYNE LAURN-ET | USA 142340169 | | | | | | |
| RED-OAK-DB LAYNE LINDA-ET | USA 142340217 | | | | | | |
| RED-OAK-DB LAYNE LUCIL-ET | USA 142340187 | | | | | | |
| RED-OAK-DB LITHIUM 46 | USA 142757525 | | | | | | |
| RED-OAK-DB MAGNUS 794 | USA 141809984 | | | C | | | 1 |
| RED-OAK-DB MAYFIELD 35 | USA 142974823 | | | C | | | |
| RED-OAK-DB MAYFIELD 37 | USA 142790375 | | | | | | |
| RED-OAK-DB MAYFIELD 55 | USA 142790384 | | | C | | | |
| RED-OAK-DB MAYFIELD 974 | USA 142293038 | | | | | | |
| RED-OAK-DB MAYFIELD MAE-ET | USA 142292998 | | | | | | |
| RED-OAK-DB MAYFIELD SILA | USA 142241312 | | | C | | | |
| RED-OAK-DB MHWK 28 10348-ET | 840003014258924 | | | C | | | |
| RED-OAK-DB MHWK 30 10344-ET | 840003014258970 | | | C | | | |
| RED-OAK-DB MILLION CIL | USA 140428867 | | | C | | | |
| RED-OAK-DB MNTRSS LEADER-ET | USA 143590192 | | | | | | |
| RED-OAK-DB MOGUL 578 | USA 142188916 | | | | | | |
| RED-OAK-DB MOGUL 717 | USA 142340178 | | | | | | |
| RED-OAK-DB MOGUL 789 | USA 142189029 | | | | | | |
| RED-OAK-DB MOGUL 851 | USA 142074822 | | | C | | | |
| RED-OAK-DB MOGUL 912 | USA 142378681 | | | C | | | |
| RED-OAK-DB MOGUL ALLI | USA 142516256 | | | | | | |
| RED-OAK-DB MOGUL CROWN | USA 142140488 | | | | | | |
| RED-OAK-DB MOGUL EMILY | USA 142378672 | | | | | | |
| RED-OAK-DB MOGUL HMASTER | USA 142044410 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-OAK-DB MOGUL LEAD-ET | USA 142140424 | | | | | | |
| RED-OAK-DB MOGUL LEAH-ET | USA 142140451 | | | | | | |
| RED-OAK-DB MOGUL LEE-ET | USA 142140433 | | | | | | |
| RED-OAK-DB MOGUL LEIGH-ET | USA 142140406 | | | | | | |
| RED-OAK-DB MOGUL PLAN | USA 142074747 | | | | | | |
| RED-OAK-DB MOGUL SILI-ET | USA 142140415 | | | | | | |
| RED-OAK-DB MONTROSS 32 | USA 143151489 | | | | | | |
| RED-OAK-DB MONTROSS 630 | USA 143151117 | | | | | | |
| RED-OAK-DB MONTROSS 852 | USA 143316158 | | | | | | |
| RED-OAK-DB MONTROSS AVER 68 | USA 143446774 | | | | | | |
| RED-OAK-DB MONTROSS LEA-ET | USA 143590204 | | | | | | |
| RED-OAK-DB MONTROSS LEAD-ET | USA 143590165 | | | | | | |
| RED-OAK-DB MONTROSS MASTER | USA 143446699 | | | | | | |
| RED-OAK-DB MONTROSS MAY 794 | USA 143316242 | | | | | | 1 |
| RED-OAK-DB MONTROSS ROBIE | USA 143185747 | | | | | | |
| RED-OAK-DB MOONBOY 595 | USA 142140479 | | | C | | | |
| RED-OAK-DB MOONBOY 614 | USA 142188877 | | | | | | |
| RED-OAK-DB MOONBOY 790 | USA 142188925 | | | | | | |
| RED-OAK-DB MOVIERUSH 740 | USA 142628339 | | | | | | |
| RED-OAK-DB O MAN EMI | USA 137932180 | | | | | | |
| RED-OAK-DB O MAN MAG SILVER | USA 136138369 | | | C | | | |
| RED-OAK-DB O MAN SILI | USA 135876721 | | | | | | |
| RED-OAK-DB OAK DISRAY | USA 141728812 | | | | | | 1 |
| RED-OAK-DB ODADDY ATLANTIC | USA 142241376 | | C | | | | |
| RED-OAK-DB ODADDY COLBY | USA 142241303 | | C | | | | |
| RED-OAK-DB ODADDY DEER-ET | USA 142188943 | | C | | | | |
| RED-OAK-DB PARTYROCK JA-ET | USA 143185756 | | | | | | |
| RED-OAK-DB PARTYROCK JAN-ET | USA 143151265 | | | | | | |
| RED-OAK-DB PARTYROCK JOE-ET | USA 143185738 | | | | | | |
| RED-OAK-DB PEOTI 866 | USA 142074765 | | | C | | | |
| RED-OAK-DB PEOTI IDA | USA 142074792 | | | | | | |
| RED-OAK-DB PETRONE 678 | USA 142189038 | | | | | | |
| RED-OAK-DB PETRONE 682 | USA 142074756 | | | | | | |
| RED-OAK-DB PETY LEA-ET | USA 143316279 | | | | | | |
| RED-OAK-DB PETY LEAD-ET | USA 143316288 | | | | | | |
| RED-OAK-DB PETY LEIGH-ET | USA 143316297 | | | | | | |
| RED-OAK-DB PETY MAY | USA 143590138 | | | C | | | |
| RED-OAK-DB PETY SUPER 157 | USA 143446729 | | | | | | |
| RED-OAK-DB PETY TATE 163 | USA 143446738 | | | | | | |
| RED-OAK-DB PLANET BETSY-ET | USA 140428522 | | | | | | |
| RED-OAK-DB PLANET BETTY-ET | USA 140428586 | | | | | | |
| RED-OAK-DB PLANET BONNIE-ET | USA 140471780 | | | | | | |
| RED-OAK-DB PLANET CIL | USA 140060919 | | | | | | |
| RED-OAK-DB PLANET MASTER | USA 139691274 | | | | | | |
| RED-OAK-DB PLANET MS HOLLY | USA 140428577 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-OAK-DB PLANET MS MASTER | USA 140428746 | | | | | | |
| RED-OAK-DB PLANET OGARTER | USA 140060964 | | | | | | |
| RED-OAK-DB PLANET SILI-ET | USA 140396632 | | | | | | |
| RED-OAK-DB PLATINUM LEAD-ET | USA 142790441 | | | | | | |
| RED-OAK-DB PLATINUM LEED-ET | USA 142790469 | | | | | | |
| RED-OAK-DB PLUS SARA-ET | USA 139573602 | | | | | | |
| RED-OAK-DB PLUS SERA-ET | USA 139573620 | | | | | | |
| RED-OAK-DB PLUS SIERRA-ET | USA 139573639 | | | | | | |
| RED-OAK-DB PONTIAC JACKIE | USA 138079673 | | | C | | | |
| RED-OAK-DB PREDESTINE 589 | USA 142628302 | | | | | | 3 |
| RED-OAK-DB PREDESTINE LA-ET | USA 142628405 | | | | | | |
| RED-OAK-DB PREDESTINE LE-ET | USA 142628366 | | | | | | |
| RED-OAK-DB PREDESTINE LO-ET | USA 142628441 | | | | | | 3 |
| RED-OAK-DB PREDESTINE LU-ET | USA 142628469 | | | | | | |
| RED-OAK-DB R ROBUST GIRL-ET | USA 142517127 | | | | | | |
| RED-OAK-DB RENE 30 10248-ET | 840003013924048 | | | | | | |
| RED-OAK-DB RENE 30 10249-ET | 840003013923972 | | | | | | |
| RED-OAK-DB RENE 30 10253-ET | 840003013924050 | | | | | | |
| RED-OAK-DB RENE 30 10257-ET | 840003013924092 | | | | | | |
| RED-OAK-DB ROBUST EMI-ET | USA 141765862 | | | | | | |
| RED-OAK-DB ROBUST EMIE-ET | USA 141765880 | | | | | | |
| RED-OAK-DB ROBUST EMILY-ET | USA 141765901 | | | | | | |
| RED-OAK-DB ROBUST ESTER-ET | USA 141765871 | | | | | | |
| RED-OAK-DB S LAYNE GIRL-ET | USA 142188961 | C | | | | | |
| RED-OAK-DB SHAMROCK 630 | USA 142074774 | | | | | | |
| RED-OAK-DB SHAMROCK 664 | USA 141626259 | | | | | | |
| RED-OAK-DB SHAMROCK BEE-ET | USA 141626268 | | | | | | |
| RED-OAK-DB SHAMROCK BENI-ET | USA 141626277 | | | | | | |
| RED-OAK-DB SHAMROCK BINKY | USA 142074804 | | | | | | |
| RED-OAK-DB SHAMROCK EMI-ET | USA 141617824 | | | | | | |
| RED-OAK-DB SHAMROCK EVA | USA 141677170 | | | | | | |
| RED-OAK-DB SHAMROCK JACIE | USA 141454214 | | | | | | |
| RED-OAK-DB SHAMROCK JACKY | USA 141626428 | | | | | | |
| RED-OAK-DB SHAMROCK JAN-ET | USA 141500876 | | | | | | |
| RED-OAK-DB SHAMROCK JEN-ET | USA 141500867 | | | | | | |
| RED-OAK-DB SHAMROCK JO-ET | USA 141500885 | | | | | | |
| RED-OAK-DB SHAMROCK QUEEN | USA 141626295 | | | C | | | |
| RED-OAK-DB SHAMROCK SALY-ET | USA 141809902 | | | | | | |
| RED-OAK-DB SHAMROCK SIL | USA 141809957 | | | | | | |
| RED-OAK-DB SHAMROCK SIS-ET | USA 141809872 | | | | | | |
| RED-OAK-DB SHAMROCK SUE | USA 141454175 | C | | | | | |
| RED-OAK-DB SHAN EMILY | USA 142516210 | | | | | | |
| RED-OAK-DB SHAN JAN 9230-ET | 840003012130499 | | | | | | |
| RED-OAK-DB SHAN LEAD 133 | USA 143331081 | | | | | | |
| RED-OAK-DB SHAN MAE | USA 142517163 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RED-OAK-DB SHAN PLAN-ET | USA 142757413 | | | | | | |
| RED-OAK-DB SHAN TIMA | USA 142517154 | | | | | | |
| RED-OAK-DB SHN JABRA9095-ET | 840003012130364 | | | | | | |
| RED-OAK-DB SHOTGLASS SAN-ET | USA 142628393 | | | | | | |
| RED-OAK-DB SHOTGLASS SU-ET | USA 142628384 | | | | | | |
| RED-OAK-DB SHOTGLASS SUE-ET | USA 142628357 | | | | | | |
| RED-OAK-DB SOCRATES SAM-ET | USA 140218255 | C | | C | | | |
| RED-OAK-DB SOCRATES SUE-ET | USA 140218264 | C | | C | | | |
| RED-OAK-DB SPARK SAN-ET | USA 143674847 | | | | | | |
| RED-OAK-DB SPARK SUN-ET | USA 143674838 | | | | | | |
| RED-OAK-DB SPUR 880 | USA 142188868 | | | C | | | |
| RED-OAK-DB SPUR ALLIE | USA 141809948 | | | C | | | |
| RED-OAK-DB SUPERBOWL 676 | USA 142292895 | | | | | | |
| RED-OAK-DB SUPERSIRE 739 | USA 142974832 | | | | | | |
| RED-OAK-DB SUPERSIRE 789 | USA 142790357 | | | | | | |
| RED-OAK-DB SUPERSIRE ELA-ET | USA 142241433 | | | | | | |
| RED-OAK-DB SUPERSIRE EMA-ET | USA 142241415 | | | | | | |
| RED-OAK-DB SUPERSIRE EMI-ET | USA 142241330 | | | | | | |
| RED-OAK-DB SUPERSIRE EVA-ET | USA 142241424 | | | | | | |
| RED-OAK-DB SUPERSIRE LE-ET | USA 142516292 | | | | | | |
| RED-OAK-DB TIME LEADER | USA 140471687 | | | | | | |
| RED-OAK-DB TIME TERI-ET | USA 140471641 | | | C | | | |
| RED-OAK-DB TIME TERRY-ET | USA 140471650 | | | | | | |
| RED-OAK-DB WLLPR28 10296-ET | 840003014258836 | C | | | | | 1 |
| RED-OAK-DB WLPWR28 10286-ET | 840003014258816 | | | | | | 1 |
| RED-OAK-DB YODER EMI-ET | USA 143683740 | | | | | | |
| RED-OAK-DB YODER KALA-ET | USA 143331018 | | | | | | |
| RED-OAK-DB YODER KAY-ET | USA 143330978 | | | | | | |
| RED-OAK-DB YODER KIM-ET | USA 143331009 | | | | | | |
| RED-VALLEY ROSE-RED | USA 142864911 | | | | | | |
| RED-VISION AD LORY-RED-ET | USA 63181648 | | | | | | |
| REDALEN ANAHIEM ELLIE-RED | 840003129778106 | | | | | | |
| REDALEN ATLAS LOLITA | USA 68614846 | | | | | | |
| REDALEN LAUTHORITY LEONNA | USA 69359921 | | | | | | 1 |
| REDCARPET AB OS BROOKFIELD | USA 71105078 | | | | | | |
| REDCARPET AFTERSHOCK BEY-ET | USA 69447103 | | | | | C | 1 |
| REDCARPET AIRRAID MILAN | USA 69447167 | | | | | | |
| REDCARPET ALCHEMY SYNTH | USA 72278666 | | | | | | 1 |
| REDCARPET ALEXAN BERLIN-ET | USA 69447113 | | | | | | 1 |
| REDCARPET APPEAL 2 U | 840003132991384 | | | | | | |
| REDCARPET ARISTOTLE ONASSIS | USA 72278665 | | | | | | |
| REDCARPET ARMANI GIORGIO-ET | USA 73208350 | | | | | | 1 |
| REDCARPET ASPEN ALLDAY | USA 71201027 | | | | | | |
| REDCARPET AT ALBUQUERQUE-ET | USA 73208313 | | | | | | |
| REDCARPET ATW BEAUTY-ET | USA 73630467 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REDCARPET AUDIO JACK | USA 73208356 | | | | | C | |
| REDCARPET AVENGER SEVENFOLD | USA 72278667 | | | C | | | |
| REDCARPET B STRINGTHEORY-TW | USA 71897143 | | | | | | |
| REDCARPET BAXTER EBY-ET | USA 68936623 | | | | | | |
| REDCARPET BIG BN TANGENT-TW | USA 71897144 | | | C | | | |
| REDCARPET BIKER GIRL | USA 73670688 | | | C | | | |
| REDCARPET BOLO BODOG | USA 71495764 | | | | | | |
| REDCARPET BOOKEM BLAY BLAY | USA 71495760 | | | | | C | |
| REDCARPET BOOKEM BYU-ET | USA 70962153 | | C | | | | |
| REDCARPET BOWSER KOOPA | USA 71584187 | | | | | | |
| REDCARPET BROCADE BA-BA | USA 73208340 | | | C | | | |
| REDCARPET BROCK FORSEY | USA 64786997 | | | | | | |
| REDCARPET CARMELO CHRIS | USA 72364668 | | | | | | |
| REDCARPET CARNIVAL DAY-ET | USA 73208326 | | | | | | |
| REDCARPET CARNIVAL SPA-ET | USA 73208327 | | | | | | |
| REDCARPET CM SEUNGIN-ET | USA 72189777 | | | | | | |
| REDCARPET DANCER DEV-ET | USA 73208291 | | | | | | |
| REDCARPET DANCER INDARK-RED | USA 73208294 | | | | | | |
| REDCARPET DOM PERIGNON | USA 73208352 | | | | | | |
| REDCARPET DOMAIN BVLGARI-ET | USA 69447176 | | | | | | |
| REDCARPET DOORMAN PLEASE | USA 73208337 | | | | | C | |
| REDCARPET DSTY SIRCUMSTANCE | USA 69447130 | | | | | | |
| REDCARPET DU DOLCE-RED-ET | USA 73630475 | | | | | | |
| REDCARPET EMERO PUB | 840003132991377 | | | | | | |
| REDCARPET ESCALADE RIDE-ET | USA 73208296 | | | | | | |
| REDCARPET FACEBOOK STATUS | USA 71743670 | | | | | | 3 |
| REDCARPET FRED LOLLAPALOOZA | 840003132991353 | | | | | | |
| REDCARPET GOALMAN DONOVAN | USA 73208346 | | | | | | |
| REDCARPET GOLDWYN FELICE-ET | USA 69447101 | | | | | | |
| REDCARPET HALOGEN ELEMENT | 840003132991417 | | | | | | |
| REDCARPET HALOGEN ELLEN-ET | 840003130383700 | | | | | | |
| REDCARPET HALOGEN GANG | 840003132991436 | | | | | | |
| REDCARPET HALOGEN HEIDIKLUM | 840003132991432 | | | | | | |
| REDCARPET HALOGEN HISTORY | 840003132991392 | | | | | | |
| REDCARPET HALOGEN HOMECOMNG | 840003132991391 | | | | | | |
| REDCARPET HALOGEN HOOKED | 840003132991429 | | | | | | |
| REDCARPET HALOGEN HOPE-ET | 840003130383704 | | | | | | |
| REDCARPET HALOGEN HUDL-ET | 840003130383698 | | | | | | |
| REDCARPET HALOGEN POOL | 840003132991437 | | | | | | |
| REDCARPET HERO SNOW | USA 72189820 | | | | | | |
| REDCARPET HEROIC HAIR-ET | USA 73208329 | | | | | | |
| REDCARPET IDALGO INSTAGRAM | 840003132991398 | | | | | | |
| REDCARPET J BABE-ET | 840003014334819 | | | | | | |
| REDCARPET J BEBE-ET | 840003123600825 | | | | | | |
| REDCARPET J BIFFY-ET | 840003123600941 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REDCARPET J BONITA-ET | 840003123600733 | | | | | | |
| REDCARPET J BUBBLES-ET | 840003123600743 | | | | | | |
| REDCARPET JA ALEXA-ET | USA 72614507 | | | | | | |
| REDCARPET JABIR JELLY-ET | 840003130383713 | | | | | | |
| REDCARPET JABIR JENNIFER | 840003132991404 | | | | | | |
| REDCARPET JETT AIR LINE-ET | USA 73630485 | | | | | C | |
| REDCARPET JETT AIR STREAM | USA 73670687 | | | | | | |
| REDCARPET JETT ALICIA-ET | 840003008077823 | | | | | C | |
| REDCARPET JUNIOR JAYBE | USA 64169742 | | | | | | |
| REDCARPET JUTLAND DENMARK | USA 71823645 | | | | | C | |
| REDCARPET KB BRX TARGET-ET | USA 71486686 | C | | | | | |
| REDCARPET KICKBALL KAPOW-ET | USA 72606868 | | | | | | |
| REDCARPET KICKBALL RULES-ET | USA 72626554 | C | | | | | |
| REDCARPET KICKBALLKINDLE-ET | USA 72626555 | C | | | | | |
| REDCARPET KICKBALLKOBRA-ET | USA 72626553 | | | | | | |
| REDCARPET LADD LACE | USA 72709597 | | | | | | 1 |
| REDCARPET LADD VALENCIA-RED | USA 72189778 | | | | | | |
| REDCARPET LAUNCH CODES | 840003132991383 | | | | | C | |
| REDCARPET LOREN ALLRED | USA 72425676 | | | | | | |
| REDCARPET LUCKY STAR SYDNEA | USA 64786985 | | | | | | |
| REDCARPET MALL ORDER | 840003130383696 | | | C | | | |
| REDCARPET MANDATE MASTER P | 840003132991430 | | | | | C | |
| REDCARPET MANPOWER MAVEN | USA 73208336 | | | | | | |
| REDCARPET MARKEDLY BETTER | 840003132991380 | | | | | | |
| REDCARPET MARS ROVER | USA 71201020 | | | | | | |
| REDCARPET MARS VENUS | USA 71105086 | | | | | | |
| REDCARPET MARSHALL REBUY | USA 70641752 | | | | | | |
| REDCARPET MASTERPIECE ARMS | USA 72189834 | | | | | | |
| REDCARPET MAURICE LARNA-ET | USA 73208330 | | | | | | |
| REDCARPET MAURICE MIA-ET | USA 73208328 | | | | | | |
| REDCARPET MGM NEPTUNE-ET | USA 72352921 | | | | | | |
| REDCARPET MICAH MOFOE | USA 70641759 | | | | | C | |
| REDCARPET MILLION BRIT-ET | USA 68936652 | | | | | | |
| REDCARPET MILLION BRITTA-ET | USA 68936651 | | C | | | | 1 |
| REDCARPET MILLION EHRIS-ET | USA 68936634 | | C | | | | |
| REDCARPET MILLION JOYFULL | USA 69447087 | | | | | | |
| REDCARPET MOGL EVERCLEAR-ET | USA 72352928 | | | | | | |
| REDCARPET MOGUL CALI-ET | 840003008077944 | | | | | | |
| REDCARPET MOGUL CASSI-ET | 840003008077933 | | | | | | |
| REDCARPET MOGUL EMPIRE | USA 72458206 | | | | | | |
| REDCARPET MOGUL TIME | USA 72364670 | | C | | | | |
| REDCARPET MOM HUNTRESS | USA 73208363 | | C | | | | |
| REDCARPET MOM LACOSTE-ET | USA 73208320 | | | | | | |
| REDCARPET MOM LACROSSE-ET | USA 73208319 | | | | | | |
| REDCARPET MOM LAKEGENEVA-ET | USA 73208318 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REDCARPET MOM MATTERS-ET | USA 73630459 | | | | | | |
| REDCARPET MOM MOTHER | USA 73208315 | | | | | | |
| REDCARPET MS SUPER GIRL | 840003132991360 | | | | | | |
| REDCARPET NU RIGHTS-ET | USA 73208324 | | | | | | |
| REDCARPET NU RT4ALL-ET | USA 73208368 | | | | | | |
| REDCARPET NU SAME-ET | USA 73208357 | | | | | | |
| REDCARPET NUMERO UNO PAULA | USA 72458203 | | | | | | |
| REDCARPET O DADDY OH YEAH | USA 72352923 | | C | | | | |
| REDCARPET OBSERVE CHANEL | USA 70505300 | | | | | | |
| REDCARPET OHARE CHICAGO-ET | USA 73670693 | | | | | | |
| REDCARPET ONWARD AMMUT | USA 70505298 | | | | | | |
| REDCARPET OSIRIS-ET | USA 72189821 | | | | | C | |
| REDCARPET OSMOND OH GOSH-TW | USA 72425672 | | | | | | |
| REDCARPET PARTYROCK | USA 74359470 | | | | | | |
| REDCARPET PELLERIN ROOF | USA 73630476 | | | | | | |
| REDCARPET PITBULL PIETREE | USA 70641790 | | | | | | |
| REDCARPET PITBULL VESTA-TW | USA 69447154 | | C | | | | 3 |
| REDCARPET PITBULL VISTA-TW | USA 69447153 | | C | | | | 3 |
| REDCARPET PLUS PERT | USA 71262649 | | | | | | |
| REDCARPET PONDER THAT | 840003132991426 | | | | | | |
| REDCARPET PONDER THIS | 840003132991427 | | | | | | |
| REDCARPET POTUS POTABLES | 840003132991403 | | | | | C | |
| REDCARPET POTUS POTENT | 840003132991400 | | | | | C | 1 |
| REDCARPET PS EVERYTHING-ET | USA 68936629 | | | | | | |
| REDCARPET PUNCH HAWAIIAN | USA 72189790 | | | | | | |
| REDCARPET RACER CAR | 840003132991371 | | | | | | 3 |
| REDCARPET RANGER RAVINIA | USA 72189776 | | | | | | |
| REDCARPET RAY LEWIS-ET | USA 72900352 | | | | | | |
| REDCARPET RCH PRINCE PRIS | USA 70911313 | C | | | | | |
| REDCARPET REDBURST STAR | USA 72189780 | | | | | C | 1 |
| REDCARPET RR BISCOTTI-ET | USA 69447100 | | | | | | 1 |
| REDCARPET RR KANDY | USA 68936661 | | | | | | 1 |
| REDCARPET SAMSON SUPERNOVA | USA 72189779 | | | | | | |
| REDCARPET SAN BREIGHT-ET | USA 68936666 | | | | | | |
| REDCARPET SANCHEZ MYCALA-ET | USA 69447156 | | | | | | |
| REDCARPET SATCHEL P PAD | USA 72189838 | | | | | | |
| REDCARPET SATCHEL P PAGE | USA 72189791 | | | | | | |
| REDCARPET SHAC SAM | USA 70672868 | | | | | | |
| REDCARPET SHARP STERLING | USA 71897136 | | | | | | |
| REDCARPET SNOWDEN ANGLE | USA 71823630 | | | | | | |
| REDCARPET SNOWDEN DRIFT | USA 71897140 | C | | | | | |
| REDCARPET SOCRATES SHUVAI | USA 70641773 | | | | | | |
| REDCARPET SPEECH SPEED | USA 71823650 | | | | | | 1 |
| REDCARPET SPILMAN SPECLA | USA 71300148 | | | | | | |
| REDCARPET SR SHADES OF GREY | USA 71823653 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REDCARPET STER VALENTIA-RED | USA 69447145 | | | | | | 3 |
| REDCARPET SUPER BOWL-ET | 840003130383708 | | | | | | 3 |
| REDCARPET SUPER BRIDGETT | 840003132991405 | | | | | | |
| REDCARPET SUPER BURBERRY-ET | USA 69447114 | | | | | | 1 |
| REDCARPET SUPER CURVEY | 840003132991382 | | | | | | |
| REDCARPET SUPER GIRL-ET | 840003130383701 | | | | | | 3 |
| REDCARPET SUPER HEROES | 840003132991401 | | | | | | |
| REDCARPET SUPER SMASH BROS | 840003132991370 | | | | | | |
| REDCARPET SUPER ZENA-ET | 840003130383703 | | | | | | |
| REDCARPET SUPERNATURAL DEAN | 840003132991375 | | | | | | |
| REDCARPET SUPERNATURAL SAM | 840003132991376 | | | | | | |
| REDCARPET SYMPATICO CITY-ET | USA 73208322 | | | | | | |
| REDCARPET SYMPATICO SIM-ET | USA 73208323 | | | | | | |
| REDCARPET THORLEY ISIS | 840003130383750 | | | | | | |
| REDCARPET TOPSIDE OF IT | USA 73208347 | | | | | | |
| REDCARPET TORVALD TULSA | USA 70962145 | | | | | | |
| REDCARPET VD JA MERADITH-ET | USA 72614502 | | | | | | |
| REDCARPET VERNAL VERA | USA 73670690 | | | | | | |
| REDCARPET WATSON AND CRICK | USA 71897148 | | | C | | | |
| REDCARPET ZADE KICK A POO | USA 70641761 | | | | | | |
| REDCARPET ZANZIBAR TENACS D | 840003132991354 | | | | | | |
| REDCARPET-DN URBAIN LIFE | 840003130383710 | | | | | | 1 |
| REDDAL A LIST COLT PR P-RED-ET | CAN 9647378 | | | | | | |
| REDROCK-VIEW ALL DAY 416 | 840003128204864 | | | | | | |
| REDROCK-VIEW ARCHIVE 320 | USA 73931448 | | C | | | | 1 |
| REDROCK-VIEW CONTENDER 322 | USA 73931450 | | | | | | |
| REDROCK-VIEW DEFENDER 383 | USA 73931511 | | | | | | |
| REDROCK-VIEW DEFENDER 387 | USA 73931515 | | C | | | | |
| REDROCK-VIEW DEFENDER 392 | USA 73931520 | | | | | | |
| REDROCK-VIEW DEFENDER 393 | USA 73931521 | | | | | | 1 |
| REDROCK-VIEW HALOGEN 375 | USA 73931503 | | | | | | |
| REDROCK-VIEW HALOGEN 414 | 840003128204862 | | | | | | 3 |
| REDROCK-VIEW KINGBOY 363-ET | USA 73931491 | | | | | | |
| REDROCK-VIEW KINGBOY 367-ET | USA 73931495 | | | | | | |
| REDROCK-VIEW KINGBOY 368-ET | USA 73931496 | | | | | | |
| REDROCK-VIEW KINGPIN 424 | 840003128204872 | | | | | | |
| REDROCK-VIEW LD MAN 378-RED | USA 73931506 | | | | | | 1 |
| REDROCK-VIEW MANDRICK MANDY | USA 142006508 | | | | | | |
| REDROCK-VIEW MCHUTCHEN 344 | USA 73931472 | | | | | | |
| REDROCK-VIEW OLYMP 349-ET | USA 73931477 | | | | | | |
| REDROCK-VIEW OLYMPIA 352-ET | USA 73931480 | | | | | | |
| REDROCK-VIEW RACER 394 | USA 73931522 | | | | | | |
| REDROCK-VIEW RACER 396 | USA 73931524 | | | | | | 1 |
| REDROCK-VIEW RAWLINS 425 | 840003128204873 | | | | | | |
| REDROCK-VIEW RBURST 385-RED | USA 73931513 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REDROCK-VIEW SUPERSIRE 426 | 840003128204874 | | | | | | |
| REDROCK-VIEW TN AIGRETTE-ET | USA 72990814 | | | | | | |
| REDSKY BRADNICK PHYLLIS | 840003131124407 | | | | | | |
| REDSKY MOGUL CRISP | 840003131124409 | | | | | | |
| REDSTIEN AIKMAN SLACKER-RED | USA 143082129 | | | | | | |
| REDSTIEN ALWAYS FREEDOM-RED | USA 143082138 | | | | | | |
| REDSTIEN ALWAYS JIMMIE | USA 143082099 | | | | | | |
| REDSTIEN DUCATI TATA-RED | USA 143082147 | | | | | | |
| REDSTIEN DUSTER SEEKER | USA 143079839 | C | | | | | |
| REDSTIEN MIDAS SURPRIZE-RED | USA 143079772 | | | | | | |
| REDSTIEN RDBURST MUMBLE-RED | USA 143082277 | | | | | | 3 |
| REDSTIEN RUDLPH MEGATAT-RED | USA 143082286 | | C | | | | |
| REDSTONE GOLDWYN PETUNIA | CAN 9697738 | | | | | | |
| REDWOOD CAPTIVATE IGNITE | 840003131999838 | | | | | | |
| REDWOOD DURBIN SPOTLIGHT | 840003131999839 | | | | | | |
| REDWOOD MCCUTCHEN IVORY-ET | USA 143183080 | | | | | | |
| REDWOOD MILL SAHARA-ET | 840003131999835 | | | | | | |
| REDWOOD MILL SAPPHIRE-ET | 840003131999836 | | | | | | |
| REDWOOD SEDUC AFRICA | USA 142276242 | | | | | | |
| REEBER FREDDIE PULLMAN | USA 141443168 | | | | | | |
| REEBER OBSERVER PATTY-ET | USA 141161976 | | | | | | |
| REEBER OBSERVER PELE-ET | USA 141474816 | | | | | | |
| REEBER OBSRVER PREAKNESS-ET | USA 141474825 | | | | | | |
| REEBER SEBASTIAN PIPPA | USA 141443159 | | | | | | |
| REEBER-CCC DAMION TIARA | USA 138283328 | | | | | | |
| REED-ELI SSDEUCE AVENGA-RED | USA 141232676 | | | | | | |
| REEDALE GOLDSUN ABBY-ET | USA 73237374 | | | | | | |
| REEDALE GOLDSUN ARBOR-ET | USA 73237376 | C | | | | | |
| REEDHAVEN RENWIND CHAELA-ET | USA 143063500 | | | | | | |
| REEDLAND ALLURE | USA 71450562 | | | C | | | |
| REEDLAND ATTORNEY SHASTA | USA 74470982 | | | | | | |
| REEDLAND BACKPACK | USA 71450502 | C | | | | | |
| REEDLAND BEAU LOCO | USA 71448611 | | | | | | |
| REEDLAND BEAU SANIBEL | USA 71448617 | | | | | | |
| REEDLAND BELUGA | USA 71450500 | | | | | | |
| REEDLAND BUENO ALLIE | USA 71925161 | | | | | | |
| REEDLAND BUENO C-POPPETTE | USA 71925155 | | | | | | |
| REEDLAND BUENO CARMEN | USA 71925153 | | C | | | | |
| REEDLAND BUENO HADLEY | USA 71925152 | | | | | | |
| REEDLAND BUENO MIKA | USA 71925158 | | | | | | |
| REEDLAND BUENO Y-NOT | USA 71925160 | | | | | | |
| REEDLAND CAROL | USA 71450501 | | | | | | |
| REEDLAND CHANEL | USA 71450505 | | | | | | |
| REEDLAND CUPID GIGIS GLORY | USA 71450557 | | C | | | | |
| REEDLAND CUPID MONA | USA 71448593 | | C | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REEDLAND DETROIT BRIERROSE | USA 71450549 | | | | | | 1 |
| REEDLAND DEVLIN ANGELICA | USA 71925164 | | | | | | |
| REEDLAND DEVLIN MARLEY | USA 71925142 | | | | | | |
| REEDLAND DIMPLES | USA 71450548 | | | | | | |
| REEDLAND DOBERMAN MINDY | USA 71450547 | | | | | | |
| REEDLAND EVITA | USA 71448590 | C | | | | | |
| REEDLAND FIONA | USA 71448591 | | | | | C | |
| REEDLAND FREE SHIMMER | USA 71450503 | | | | | | |
| REEDLAND FREE SILVER | USA 71448647 | | | | | | |
| REEDLAND GABLES BARBIE | USA 71448576 | | | | | | |
| REEDLAND GABLES GIANNA | USA 71448587 | | | | | | 1 |
| REEDLAND GABLES PINATA | USA 71448586 | | | | | | 3 |
| REEDLAND GAMEDAY ALLEY-OOP | USA 71925166 | | | | | | |
| REEDLAND GAMEDAY KICKOFF | USA 71925174 | | | | | | |
| REEDLAND GAMEDAY SIENNA | USA 71925154 | | | | | | |
| REEDLAND GAMEDAY TENLEY | USA 71925159 | | | | | | |
| REEDLAND GERARD DAYDREAM | USA 71450527 | | | | | | |
| REEDLAND GERI | USA 71448592 | | | | | C | |
| REEDLAND GOLDROY HOLLYJOLLY | USA 71450592 | | C | | | | |
| REEDLAND GOLDROY MELODIOUS | USA 71450589 | | | | | | |
| REEDLAND GOLDROY PURITY | USA 71450593 | | | | | | |
| REEDLAND GOLDROY REGAL | USA 71450583 | | | | | | |
| REEDLAND GRATIS DARIA | USA 71448607 | | | | | | |
| REEDLAND GRATIS EMILIA | USA 71448622 | | | | | | |
| REEDLAND GRATIS KORINNE | USA 71448615 | | | | | | |
| REEDLAND GRATIS LANA | USA 71448620 | | | | | | |
| REEDLAND GRATIS MARGARITA | USA 71448610 | | | | | | |
| REEDLAND GRATIS NAOMI | USA 71448612 | | | | | | |
| REEDLAND GRATIS SIERRA | USA 71448602 | | | | | | |
| REEDLAND GRENADINE | USA 71450496 | | | | | | |
| REEDLAND GRETEL | USA 71450561 | | | | | | |
| REEDLAND GUTHRIE ANGEL EYES | USA 71448642 | | | | | | |
| REEDLAND GUTHRIE MALIA | USA 71448643 | | | | | | |
| REEDLAND HELLCAT | USA 71448578 | | | | | C | |
| REEDLAND HEZTRY ANGELIQUE | USA 71925125 | | | | | | 3 |
| REEDLAND HEZTRY IMAGINE | USA 71925123 | | | | | | 3 |
| REEDLAND HEZTRY TWILIGHT | USA 71925121 | | | | | | 3 |
| REEDLAND HIBISCUS | USA 71450563 | | | | | | |
| REEDLAND JAMMER CABARET | USA 71925177 | | | | | | |
| REEDLAND JAX | USA 71450499 | | | | | | |
| REEDLAND JEEVES BELLA | USA 71450569 | C | | | | | |
| REEDLAND JEEVES CARLA | USA 71450558 | | | | | | |
| REEDLAND JEEVES DARIENLAKE | USA 71448606 | | | | | | |
| REEDLAND JEEVES KIM | USA 71448600 | | | | | | |
| REEDLAND JEEVES SIENNA | USA 71448596 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REEDLAND JENKINS AUDRINA | USA 71925146 | | | | | | |
| REEDLAND JENKINS AURORA | USA 71925143 | | | | | | |
| REEDLAND JENKINS DEMI | USA 71925149 | | | | | C | |
| REEDLAND JENKINS JAMBOREE | USA 71925162 | | | | | C | |
| REEDLAND JENKINS JEANNA | USA 71925145 | | | | | | |
| REEDLAND JENKINS REBA | USA 71925148 | | | | | | |
| REEDLAND JENKINS SKIPPER | USA 71925167 | | | | | | |
| REEDLAND JODY | USA 71450556 | | | | | | |
| REEDLAND JOSIE | USA 71448655 | | | | | | |
| REEDLAND JUNE SANFLAN | USA 71450524 | | | | | | 1 |
| REEDLAND KINDLE | USA 71450550 | | | | | | |
| REEDLAND KLEO | USA 70911312 | | | | | C | |
| REEDLAND KYLINA | USA 71450533 | | | | | | |
| REEDLAND LINDSILOU | USA 71448582 | | | | | | |
| REEDLAND LISA | USA 71448581 | | | | | | |
| REEDLAND LISALOU | USA 71448601 | | | | | | |
| REEDLAND LOCKLYN CLARICE | USA 71450552 | | | | | | |
| REEDLAND LYNDA | USA 71450525 | | | | | C | |
| REEDLAND MAHOGANY AMETHYST | USA 71448623 | | | | | | |
| REEDLAND MAHOGANY GLEE | USA 71448630 | | | | | | |
| REEDLAND MAHOGANY JUPITER | USA 71448628 | | | | | | |
| REEDLAND MAHOGANY KEUKA | USA 71448609 | | | | | C | |
| REEDLAND MAHOGANY MAGENTA | USA 71448627 | | | | | C | |
| REEDLAND MAMMOTH ITSYBITSY | USA 71448638 | | | | | | |
| REEDLAND MAMMOTH LOUANNA | USA 71448639 | | | | | | |
| REEDLAND MAMMOTH MONIKA | USA 71448641 | | | | | | |
| REEDLAND MAMMOTH RHIANNA | USA 71448637 | | | | | | |
| REEDLAND MANGO BISQUICK | USA 71448598 | | | | | | |
| REEDLAND MANGO TIA | USA 71448597 | C | | | | | |
| REEDLAND MARS MARILLA | USA 71925169 | | | | | | |
| REEDLAND MARS TABBY | USA 71925165 | | | | | | |
| REEDLAND MAUI MERRILEE | USA 71448613 | | | | | | |
| REEDLAND MCKINLEY | USA 71448634 | | | | | C | |
| REEDLAND MEL ANNALIESE | USA 71925150 | | C | | | | |
| REEDLAND MEL RAINDROP | USA 71450587 | | | | | | |
| REEDLAND MEL UNO | USA 71925129 | | | | | | 1 |
| REEDLAND MS JOKER | USA 71450498 | | | | | | |
| REEDLAND MS VAL | USA 71448656 | | | | | | |
| REEDLAND MYRNA | USA 71448570 | | | | | | |
| REEDLAND NADIA | USA 71448604 | | | | | | |
| REEDLAND NINA | USA 71450536 | | | | | | |
| REEDLAND ONESHOT BAGEL | USA 71450495 | | | | | | |
| REEDLAND ONESHOT DITTO | USA 71448629 | | | C | | | |
| REEDLAND ONESHOT MARI | USA 71448640 | | | C | | | |
| REEDLAND ONESHOT MISERABLE | USA 71448616 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REEDLAND ONESHOT NALA | USA 71448571 | | | C | | | |
| REEDLAND ORACLE | USA 71448595 | | | | | C | |
| REEDLAND PRISS | USA 71450560 | | | | | | 3 |
| REEDLAND QUINCY | USA 71448565 | | | | | C | |
| REEDLAND RAVEN BERETTA | USA 71925156 | | | | | | |
| REEDLAND RAVEN JOSEPHINA | USA 70911311 | | | | | | |
| REEDLAND RAVEN MILENA | USA 70911310 | | | | | | |
| REEDLAND RAVEN PANSY | USA 71448563 | | | | | | |
| REEDLAND RAVEN PITA | USA 71448557 | | | | | | |
| REEDLAND RAVEN THELMA | USA 71450586 | | | | | | |
| REEDLAND REANNA | USA 71448566 | | | | | C | |
| REEDLAND RESOLUTE AMOROUS | USA 71925124 | | | | | | |
| REEDLAND RESOLUTE BENTLEY | USA 71925122 | | | | | | |
| REEDLAND RESOLUTE CLEO | USA 71925128 | | | | | | |
| REEDLAND RESOLUTE LEAH | USA 71925131 | | | | | | |
| REEDLAND RESOLUTE RHIANNA | USA 71925127 | | | | | | |
| REEDLAND RILEY | USA 71448559 | | | | | | |
| REEDLAND ROSS JUNIPER | USA 71925126 | | | | | | |
| REEDLAND ROSS TREASURE | USA 71450591 | | | C | | | |
| REEDLAND ROY THRILL | USA 137225530 | | | | | | |
| REEDLAND RUNNER | USA 71450512 | | | | | | |
| REEDLAND RUSH JAMMIN | USA 71450494 | C | | | | | |
| REEDLAND RUSH SUNSHINE | USA 71448654 | | | | | | |
| REEDLAND SCARLET | USA 71448589 | | C | | | | |
| REEDLAND SERENDIPITY | USA 71450555 | | | | | | 3 |
| REEDLAND SHOUT AVA | USA 71448621 | | | | | | |
| REEDLAND SHOUT GOLDIE | USA 71448577 | | | | | | |
| REEDLAND SHOUT JACKIE | USA 71448579 | | | | | | |
| REEDLAND SHOUT JANET | USA 71448583 | | | | | | |
| REEDLAND SHOUT JIFFYLUBE | USA 71448567 | | | | | | |
| REEDLAND SHOUT MIRENA | USA 71448568 | | | | | | |
| REEDLAND SHOUT OLDSMOBILE | USA 71448585 | | | | | | |
| REEDLAND SHOUT ONEONTA | USA 71448572 | | | | | | |
| REEDLAND SHOUT PIZZA | USA 71448573 | | | | | | 1 |
| REEDLAND SHOUT TIANA | USA 71448561 | | | | | | |
| REEDLAND SHOUT UNICORN | USA 71448562 | | | | | | |
| REEDLAND SID MAMMOTH | USA 71925180 | | | | | | |
| REEDLAND SONJA | USA 71450544 | | | | | | 3 |
| REEDLAND SPARTA DEEANNA | USA 71925130 | | | | | | |
| REEDLAND SPARTA DELILAH | USA 71925132 | | | | | | |
| REEDLAND SPARTA KAYLA | USA 71450588 | | | | | | |
| REEDLAND SPARTA MICHELINA | USA 71450590 | | | | | | |
| REEDLAND SPARTA PIPPA | USA 71450543 | | | | | | |
| REEDLAND SPARTA TRINA | USA 71450578 | | | | | | |
| REEDLAND SPARTA VALENCIA | USA 71450541 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REEDLAND THROT REESESPIECES | USA 71450538 | | | | | | |
| REEDLAND THROTTLE ARUBA | USA 71448651 | | | | | | |
| REEDLAND THROTTLE AZALEA | USA 71450539 | | | | | | |
| REEDLAND THROTTLE FANCY | USA 71450546 | | | | | | |
| REEDLAND THROTTLE LOLA | USA 71450535 | | | | | | |
| REEDLAND TOYOTA B-UNIQUE | USA 71450568 | | | | | | |
| REEDLAND TOYOTA BECCA | USA 71450528 | | | | | | |
| REEDLAND TOYOTA DANDY | USA 71448614 | | | | | | |
| REEDLAND TOYOTA JENGA | USA 71450537 | C | | | | | |
| REEDLAND TOYOTA LYDIA | USA 71450542 | | | | | | |
| REEDLAND TOYOTA MARTINI | USA 71450526 | | | | | | |
| REEDLAND TOYOTA MIDNIGHT | USA 71448603 | C | | | | | |
| REEDLAND TOYOTA MITZI | USA 71448605 | | | | | | |
| REEDLAND TOYOTA REMEDY | USA 71450545 | C | | | | | |
| REEDLAND TOYOTA SUNSHINE | USA 71450540 | | | | | | |
| REEDLAND TOYOTA TIANNA | USA 71450529 | C | | | | | |
| REEDLAND TRACEY | USA 71448569 | | | | | | |
| REEDLAND TRIANGLE LISAMARIE | USA 71448635 | | | | | | |
| REEDLAND TRIANGLE PAMELA | USA 71448636 | | | | | | |
| REEDLAND TRIANGLE TRANQUIL | USA 71448633 | | | | | | |
| REEDLAND TRIGGER KIRA | USA 71448580 | | | | | C | |
| REEDLAND YEN CHARISMA | USA 71925144 | | | | | | |
| REEDLAND YEN DAZZLE | USA 71925171 | | | | | | |
| REEDLAND YEN DEJA VU | USA 71925163 | | | | | | |
| REEDLAND YEN DILLAN | USA 71925170 | | | | | | |
| REEDLAND YEN MARA | USA 71925151 | | | | | | |
| REEDLAND YEN NOLA | USA 71925172 | | | | | | |
| REEDS-CREEK A JASPER-RED-ET | USA 71734373 | | | | | | |
| REEDS-CREEK ALC JOZY-RED-ET | USA 71734409 | | | | | | |
| REEDS-CREEK ALCHEMY JACY-ET | USA 71734408 | | | | | | 1 |
| REEDS-CREEK BALTIMORE PANSY | USA 74007834 | | | | | | |
| REEDS-CREEK BRAX CHILLER-ET | USA 71734424 | | | | | | |
| REEDS-CREEK DAMION MIRACLE | USA 69427760 | | | | | | |
| REEDS-CREEK GOLD CHIP TABBY | USA 71734374 | | | | | | |
| REEDS-CREEK LADD JAR-RED-ET | USA 74007821 | | | | | | |
| REEDS-CREEK LARS SUGAR-RED | USA 71734461 | | | | | | 3 |
| REEDS-CREEK MINT | USA 63977309 | | | | | | |
| REEDS-CREEK NUMBER ONE MOO | USA 73751783 | | | | | | |
| REEDS-CREEK NUMER UNO MERCY | USA 71734405 | | | | | | |
| REEDS-CREEK R-BURST JAY-RED | USA 74007825 | | | | | | 1 |
| REESE-RUN-JPZ OLEXA | USA 72337024 | | | | | | |
| REFLECT OF FIELDSTONE FARM | USA 135027583 | | | | | | |
| REGAN-ALH ATWD TIA | USA 66625383 | | | | | | 3 |
| REGAN-ALH B EVANA-ET | USA 64943103 | | | | | | |
| REGAN-ALH BEACON DESTY | USA 70242756 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGAN-ALH BENHART DAISY | USA 71298106 | | | | | | |
| REGAN-ALH BENHART DONNA | USA 71298105 | | | | | | |
| REGAN-ALH BENHART ELIZA | USA 71298188 | | | | | | |
| REGAN-ALH BLVR DIVINA-ET | USA 64943191 | | | | | | |
| REGAN-ALH BLVR DOVE-ET | USA 64943178 | | | | | | |
| REGAN-ALH BOXER DELA | USA 66625470 | C | | | | | |
| REGAN-ALH BOXER TIAN | USA 66625477 | | | | | | |
| REGAN-ALH BRADNICK DELAYNI | USA 71298345 | | | | | | |
| REGAN-ALH BRISCO DANA | USA 70242881 | | | | | | |
| REGAN-ALH BRONCO ELLE-ET | USA 66625630 | | | C | | | |
| REGAN-ALH BUCKEY DAYA | USA 62497166 | | | | | | |
| REGAN-ALH BXR DELA-ET | USA 66625401 | C | | | | | |
| REGAN-ALH BXR DELNA-ET | USA 66625405 | | | | | | |
| REGAN-ALH BXR DELTA-ET | USA 66625403 | | | | | | |
| REGAN-ALH CAIRO DELANE | USA 70243034 | | | | | | |
| REGAN-ALH DELAYNI-ET | USA 66624933 | | | | | | |
| REGAN-ALH DELYTE | USA 71298053 | | | | | | |
| REGAN-ALH DESHA-ET | USA 66624927 | | | | | | 1 |
| REGAN-ALH DESHANDA-ETS | USA 66624928 | | | | | | 1 |
| REGAN-ALH DGR DAY | USA 66625563 | | | | | | |
| REGAN-ALH DIVO ELLA | 840003130725457 | | | | | | |
| REGAN-ALH DOMAIN DAI-ET | USA 66625462 | | | | | | 1 |
| REGAN-ALH DOMAIN DANAE-ET | USA 66625467 | | | | | | |
| REGAN-ALH DOMAIN DAYA-ET | USA 66625459 | | | | | | 1 |
| REGAN-ALH DOMAIN DELAINE | USA 70242566 | | | | | | |
| REGAN-ALH EPIC DESI-ET | USA 71297976 | | | | | | |
| REGAN-ALH ERN DAYLITE | USA 70242738 | | | | | | |
| REGAN-ALH G DAYLA-ET | USA 66625287 | | | | | | |
| REGAN-ALH G DAYLIL-ET | USA 66625269 | | | | | | 1 |
| REGAN-ALH G DESTRY-ET | USA 62497022 | | | | | | 1 |
| REGAN-ALH GOLD CHIP DELLIA | USA 71298581 | | | | | | |
| REGAN-ALH GOLD EVANESA-ET | USA 64943389 | | | | | | |
| REGAN-ALH GOLDCHIP DELINDY | USA 71298064 | | C | | | | |
| REGAN-ALH IOTA DANORA | USA 71298040 | | | | | | |
| REGAN-ALH JEEVES DELYTHE-ET | USA 66625299 | | | | | | |
| REGAN-ALH LERO DESTINA-TW | USA 71297876 | | | | | | |
| REGAN-ALH LERO DESTINE-TW | USA 71297875 | | | | | | |
| REGAN-ALH LONGTIME ELEE | USA 70242598 | | | | | | |
| REGAN-ALH LRN DORINA | USA 64943288 | | | | | | |
| REGAN-ALH M DELINDA-ET | USA 66625060 | | C | | | | |
| REGAN-ALH M DELINE-ET | USA 66625050 | | | | | | |
| REGAN-ALH M DELISA-ET | USA 66625053 | | C | | | | |
| REGAN-ALH M DELISHA-ET | USA 66625058 | | C | | | | |
| REGAN-ALH M DELZEE-ET | USA 66625052 | | C | | | | |
| REGAN-ALH MAC DIVINITY-ET | USA 64943407 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGAN-ALH MAC ELLY-ET | USA 66624788 | | | | | | |
| REGAN-ALH MAC ELLYANA-ET | USA 66624776 | | | | | | |
| REGAN-ALH MAC ELLYMAE-ET | USA 66624784 | | | | | | |
| REGAN-ALH MOGUL DAIZE | 840003130725367 | | | | | | |
| REGAN-ALH MS DEVI-ET | USA 66625140 | | | | | | 1 |
| REGAN-ALH MS DEVIKA-ET | USA 66625134 | | | | | | 1 |
| REGAN-ALH MS DEVITAR-ET | USA 66625141 | | C | | | | |
| REGAN-ALH MS DEVITORA-ET | USA 66625143 | | C | | | | |
| REGAN-ALH PARADISE DAYCA | USA 71298511 | | | | | | |
| REGAN-ALH PARADISE DEENA | USA 71298382 | | | | | | |
| REGAN-ALH PARADISE DESTIN | USA 71298380 | | | | | | 1 |
| REGAN-ALH PLANET DELAINA-ET | USA 66624770 | | | | | | |
| REGAN-ALH PLANET DELORIA-ET | USA 66624771 | | | | | | |
| REGAN-ALH PLANET DELSINA-ET | USA 66624769 | | | | | | |
| REGAN-ALH PLANET DESTINY-ET | USA 66624775 | | | | | | |
| REGAN-ALH RSL DINA-ET | USA 66625370 | | | | | | |
| REGAN-ALH S EVALEE | USA 66624837 | | | | | | |
| REGAN-ALH SHMRK DALY-ET | USA 70242767 | | | | | | 1 |
| REGAN-ALH SIDNY DESNI-ET | USA 64943501 | | | | | | |
| REGAN-ALH SILVER DREAM | 840003130725436 | | | | | | 1 |
| REGAN-ALH SMRK DIVINITY | USA 70242841 | | | | | | |
| REGAN-ALH SUPER DARA-ET | USA 66625393 | | | | | | 1 |
| REGAN-ALH WIND DUST-ET | USA 70242842 | | | | | | |
| REGAN-BH BALDER JOY | USA 71298357 | | | | | | |
| REGAN-BH BENHART DEMIRAE | USA 71298460 | | | | | | |
| REGAN-BH MCCUTCHEN CHI | USA 71298360 | | | | | C | |
| REGAN-BH PARADISE KRISSY | USA 71298379 | | | | | | |
| REGAN-BH-ALH B DANAE-ET | USA 70242896 | | | | | | |
| REGAN-BH-ALH B DAYS | USA 71298076 | | | | | | |
| REGAN-BH-ALH BEAU DELANA-ET | USA 70242888 | | | | | | |
| REGAN-BH-ALH CAMERON DANI | USA 71297836 | | | | | | |
| REGAN-BH-ALH DAYCI-ET | USA 66625478 | | | | | | |
| REGAN-BH-ALH DAYSHA-ET | USA 66625476 | | | | | | |
| REGAN-BH-ALH DAYZI-ET | USA 66625481 | | | | | | |
| REGAN-BH-ALH DELAYNA-ET | USA 66624951 | | | | | | |
| REGAN-BH-ALH DELAYNE-ET | USA 66624930 | | | | | | |
| REGAN-BH-ALH EPIC DALIA-ET | USA 71297962 | | | | | | |
| REGAN-BH-ALH EPIC DANIA-ET | USA 71297980 | | | | | | |
| REGAN-BH-ALH EPIC DEE-ET | USA 71297864 | | | | | | |
| REGAN-BH-ALH EPIC DIA-ET | USA 71297855 | | | | | | |
| REGAN-BH-ALH EPIC DINA-ET | USA 71298070 | | | | | | |
| REGAN-BH-ALH EPIC DREAM-ET | USA 71298067 | | | | | | |
| REGAN-BH-ALH GC DAISE-ET | USA 71297881 | | | | | | |
| REGAN-BH-ALH GCHIP DOLCE-ET | USA 70242973 | | | | | | |
| REGAN-BH-ALH GOLD DELONA-ET | USA 71298022 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGAN-BH-ALH I DEA-ET | USA 70242818 | | | | | | |
| REGAN-BH-ALH IOTA DELANA-ET | USA 71297884 | | | | | | |
| REGAN-BH-ALH J DEVA-ET | USA 66625242 | | | | | | |
| REGAN-BH-ALH M DANELLA-ET | USA 66625301 | | | | | | |
| REGAN-BH-ALH M DANIELLE-ET | USA 66625298 | | | | | | |
| REGAN-BH-ALH M DANNAH-ET | USA 66625308 | | | | | | |
| REGAN-BH-ALH NU DAWN-ET | USA 71297926 | | | | | | |
| REGAN-BH-ALH NU DAY-ET | USA 71297924 | | | | | | |
| REGAN-BH-ALH S DELANA-ET | USA 66624895 | | | | | | |
| REGAN-BH-ALH S DENAE-ET | USA 66625069 | | | | | | |
| REGAN-BH-ALH S DENARA-ET | USA 66625059 | | | | | | |
| REGAN-DANHOF LAUDERDALE-ET | USA 71298734 | | | | | | |
| REGAN-DANHOF LAVISH-ET | USA 71298804 | | | | | | |
| REGAN-DANHOF LINDZEE-ET | USA 71298806 | | | | | | |
| REGAN-DANHOF O LIBRA-ET | USA 71298739 | | | | | | |
| REGAN-DERI S BELLA-ET | USA 62497004 | | | | | C | |
| REGAN-ENGLAND MS SHY | 840003130725335 | | | | | | |
| REGAN-ENGLAND SHANIA-ET | USA 71297940 | | | | | | |
| REGAN-ENGLAND SHANNON | 840003130725378 | | | | | | |
| REGAN-EXODUS PRECISION-ET | USA 72774138 | | | | | | |
| REGAN-EXODUS PREMIUM | USA 71617057 | | | | | | |
| REGAN-EXODUS PRIMARY | USA 71298362 | | | | | C | |
| REGAN-EXODUS PRIMROSE-ET | USA 72774143 | | | | | | |
| REGAN-EXODUS PROFIT-ET | USA 71617064 | | | | | | |
| REGAN-EXODUS PROLIFIC-ET | USA 71617065 | | | | | | |
| REGANCREST 5G MACALYA-ET | 840003126697355 | | | | | | |
| REGANCREST 5G MEGASTAR-ET | 840003126697360 | | | | | | |
| REGANCREST 5G MOVIESTAR-ET | 840003126697374 | | | | | | |
| REGANCREST 7583 | USA 71298405 | | | | | | |
| REGANCREST 7602 | USA 71298424 | | | | | | |
| REGANCREST 7760-TW | USA 71298582 | | | | | | |
| REGANCREST 7761-TW | USA 71298583 | | | | | | |
| REGANCREST 7769 | USA 71298591 | | | | | | |
| REGANCREST A BELLSA-ET | USA 71298035 | | | | | | |
| REGANCREST A BENICIA-ET | USA 70242897 | | | | | | |
| REGANCREST A CANDICE-ET | USA 66624907 | | | | | | |
| REGANCREST ABERLIN BRITT | USA 71297908 | | | | | | |
| REGANCREST ADVENT PREMO | USA 70242736 | | | | | | |
| REGANCREST AFTERSHOCK LIZ | 840003130725273 | | | | | | |
| REGANCREST AFTERSHOCK TALA | 840003130725181 | | | | C | C | |
| REGANCREST AIKMAN BRITT-TW | 840003130725187 | | | | | | |
| REGANCREST AIKMAN BRITTA-TW | 840003130725188 | | | | | | |
| REGANCREST ALCEMY TAIYA-ET | USA 70243049 | | | | | | |
| REGANCREST ALCHEMY TALEA-ET | USA 70243041 | | | | C | | |
| REGANCREST ALCHMY TAELYN-ET | USA 70243047 | | | | C | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST ALEXANDER BREE | USA 71298146 | | | | | | |
| REGANCREST ARMI BELIA-ET | USA 71298024 | | | | | | |
| REGANCREST ARMI BELINA-ET | USA 71298033 | | | | | | |
| REGANCREST ARMITAGE BELA-ET | USA 70243013 | | | | | | |
| REGANCREST ARMITAGE CIERA | USA 70242904 | | | | | | 1 |
| REGANCREST ARMITAGE LIZA | USA 70242907 | | | | | | |
| REGANCREST ARMITGE BREA-ET | USA 70242893 | | | | | | 3 |
| REGANCREST ARMOUR CELIA-ET | 840003130725364 | | | | | | |
| REGANCREST AT MILANO-TW | USA 71298744 | | | | | | |
| REGANCREST AT MORROCCO-TW | USA 71298743 | | | | | C | |
| REGANCREST AT PARAH-ET | USA 71298275 | | | C | | | |
| REGANCREST ATWOOD ARY | USA 71297825 | | | | | | |
| REGANCREST ATWOOD BARBY-ET | USA 70243022 | | | | | | |
| REGANCREST ATWOOD BEAUTY | USA 71298304 | | | C | | | |
| REGANCREST ATWOOD BELANA | USA 71297841 | | | | | | |
| REGANCREST ATWOOD BELLE-ET | USA 71025642 | | | | | | |
| REGANCREST ATWOOD BLISSFUL | USA 71297863 | | | | | | |
| REGANCREST ATWOOD BRE-ET | USA 71298494 | | | | | | |
| REGANCREST ATWOOD BRENA | USA 71298279 | | | | | | |
| REGANCREST ATWOOD BREYAN | USA 66625243 | | | | | | |
| REGANCREST ATWOOD BYSHYNE | 840003130725217 | | | | | | |
| REGANCREST ATWOOD CASAN | USA 71297970 | | | | | | |
| REGANCREST ATWOOD JASMINE | USA 70243000 | | | | | | |
| REGANCREST ATWOOD LICORICE | USA 70242693 | | | | | | |
| REGANCREST ATWOOD MIKA | USA 71297981 | | | | | | |
| REGANCREST ATWOOD TABBRA | USA 70242754 | | | | | | |
| REGANCREST B ARYANA-ETS | USA 70242901 | | | | | | |
| REGANCREST B BELIVIA-ET | USA 66625640 | | | C | | | |
| REGANCREST B EDEN | USA 71298784 | | | | | | |
| REGANCREST B REJOICE | 840003126697451 | | | | | | 3 |
| REGANCREST BABYDOLL-ET | USA 62496774 | | | | | | |
| REGANCREST BALDER 7012 | USA 71297834 | | | | | | |
| REGANCREST BALDER BALLAD | 840003126697399 | | | | | | |
| REGANCREST BALDWIN BRITE | USA 71298096 | | | | | | |
| REGANCREST BALDWIN CARINE | USA 71298065 | | | | | | |
| REGANCREST BALDWIN DESARAY | USA 71298066 | C | | | | | |
| REGANCREST BALDWIN DESSA | 840003126697384 | | | | | | |
| REGANCREST BALDWIN LISSI | USA 71298114 | | | | | | |
| REGANCREST BALERINA-ET | USA 66625404 | | | | | C | |
| REGANCREST BALLERINA | USA 71298268 | | | | | | |
| REGANCREST BANKROLL SHARA | 840003130725419 | | | C | | | |
| REGANCREST BARBARA-ET | USA 62496864 | | | | | | |
| REGANCREST BARBEE-ET | USA 70242648 | | | | | | |
| REGANCREST BARBETTE-ET | USA 62496861 | | | | | C | |
| REGANCREST BARBI-ET | USA 62496855 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST BARBORA-ET | USA 70242633 | | | C | | | |
| REGANCREST BARIAH-ET | USA 70242630 | C | | | | | |
| REGANCREST BARINDRA-ET | USA 70242645 | | | | | | |
| REGANCREST BE A STAR | USA 71297837 | | | C | | | |
| REGANCREST BEACON ISAURA-ET | USA 66625678 | | | C | | | |
| REGANCREST BEAU ARYISTA-ET | USA 70242969 | | | | | | |
| REGANCREST BEAU AYANA-ET | USA 70242880 | | | | | | |
| REGANCREST BEAU PAULETTE | USA 71297842 | | | | | | |
| REGANCREST BEAU SHEENA-ET | USA 70242885 | | | | | | |
| REGANCREST BEAU SHINE-ET | USA 70242886 | | | | | | |
| REGANCREST BELIZAR | USA 71298671 | | | | | | |
| REGANCREST BELIZARA-ET | USA 66625015 | | | | | | |
| REGANCREST BELLANA-ET | USA 66625423 | | | | | | |
| REGANCREST BELLANN-TW-ET | USA 71298124 | | | | | | |
| REGANCREST BELLARA-ET | USA 71298126 | | | | | | |
| REGANCREST BELUDE | 840003130725406 | | | | | | |
| REGANCREST BELWOOD DANA-ET | USA 17100947 | | | | | | |
| REGANCREST BENHART 7372 | USA 71298194 | | | | | | 3 |
| REGANCREST BENHART BASHE | USA 70242774 | | | | | | 3 |
| REGANCREST BENHART BELLA | USA 71297921 | | | | | | |
| REGANCREST BENHART CHLO | USA 71298434 | | | | | | |
| REGANCREST BENHART CYRA | USA 71298262 | | | | | | |
| REGANCREST BENHART DARISA | USA 71298812 | | | | | | |
| REGANCREST BENHART GILLY | USA 71298443 | | C | | | | |
| REGANCREST BENHART INSIGNA | USA 71298469 | | | | | | |
| REGANCREST BENHART LISANN | USA 71298798 | | | | | | |
| REGANCREST BENHART MARLA | USA 71298170 | | | | | | |
| REGANCREST BENHART MOIRA | USA 71297960 | | | | | | |
| REGANCREST BENHART PRIMO | USA 71298023 | | | | | | |
| REGANCREST BENHART SARAH | USA 71298802 | | | | | | |
| REGANCREST BENHART TRISTA | USA 71298062 | C | | | | | |
| REGANCREST BENISHA 7360-ET | USA 71298182 | | | | | | |
| REGANCREST BENISHA 7362-ET | USA 71298184 | | | | | | |
| REGANCREST BENISHA 7363-ET | USA 71298185 | | | | | | |
| REGANCREST BENISHA 7364-ET | USA 71298186 | | | | | | |
| REGANCREST BENISHA 7367-ET | USA 71298189 | | | | | | |
| REGANCREST BENISHA 7369-ET | USA 71298191 | | | | | | |
| REGANCREST BENISHA 7370-ET | USA 71298192 | | C | | | | |
| REGANCREST BENISHA 7376-ET | USA 71298198 | | | | | | |
| REGANCREST BENISHA 7384-ET | USA 71298206 | | C | | | | |
| REGANCREST BENISHA 7395-ET | USA 71298217 | | | | | | |
| REGANCREST BENISHA 7405-ET | USA 71298227 | | | | | | |
| REGANCREST BENISHA 7406-ET | USA 71298228 | | | | | | |
| REGANCREST BENISHA 7409-ET | USA 71298231 | | | | | | |
| REGANCREST BENISHA 7474-ET | USA 71298296 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST BENISHA 7480-ET | USA 71298302 | | | C | | | |
| REGANCREST BENISHA 7489-ET | USA 71298311 | | | C | | | |
| REGANCREST BENISHA 7524-ET | USA 71298346 | | | | | | |
| REGANCREST BENISHA 7530-ET | USA 71298352 | | | | | | |
| REGANCREST BENISHA 7532-ET | USA 71298354 | | | | | | |
| REGANCREST BENISHA 7543-ET | USA 71298365 | | | | | | |
| REGANCREST BENISHA 7544-ET | USA 71298366 | | | | | | |
| REGANCREST BENISHA 7548-ET | USA 71298370 | | | | | | |
| REGANCREST BENISHA 7670-ET | USA 71298492 | | | | | | |
| REGANCREST BENISHA 7676-ET | USA 71298498 | | | | | | |
| REGANCREST BENISHEY 7522-ET | USA 71298344 | | | | | | |
| REGANCREST BENISHEY 7527-ET | USA 71298349 | | | | | | |
| REGANCREST BENISHEY 7537-ET | USA 71298359 | | | | | | |
| REGANCREST BENISHEY 7644-ET | USA 71298466 | | | | | | |
| REGANCREST BENISHEY 7648-ET | USA 71298470 | | | | | | |
| REGANCREST BENISHEY 7655-ET | USA 71298477 | | | | | | |
| REGANCREST BENISHI 7653-ET | USA 71298475 | | | | | | |
| REGANCREST BENISHI 7662-ET | USA 71298484 | | | | | | |
| REGANCREST BERNESSA-ET | USA 66624834 | | | | | | |
| REGANCREST BERRY-RED-ET | USA 66625259 | | | | | | 3 |
| REGANCREST BETHANI-ET | USA 66624923 | | | | | | |
| REGANCREST BETHANN-ET | USA 66624924 | | C | | | | |
| REGANCREST BETIA-ET | USA 66624839 | | | | | | |
| REGANCREST BEYONCE-ET | USA 71297903 | | | | | | |
| REGANCREST BIANA-ET | USA 66624835 | | | | | | |
| REGANCREST BLACKGOLD-ET | USA 71297987 | | | | | | 1 |
| REGANCREST BLUESKY | 840003130725245 | | | | | C | |
| REGANCREST BLUSH-ET | USA 62496854 | | | | | C | |
| REGANCREST BLVR MARTINA | USA 64943415 | | | | | | |
| REGANCREST BOLTON ISABEL | USA 63606806 | | | C | | | |
| REGANCREST BOMBSHELL-ET | USA 71297977 | | | | | | |
| REGANCREST BOOKEM BAZA | USA 71298093 | | | | | | |
| REGANCREST BOOKEM BREANDA | USA 70242903 | | | | | | |
| REGANCREST BOOKEM ILORE-ET | 840003130725437 | | | | | | |
| REGANCREST BOOKEM PADRI | USA 70242737 | | | | | | |
| REGANCREST BOOKEM SARINA | USA 70242902 | | | | | | |
| REGANCREST BOOKER HOTSTUFF | USA 66624955 | | | | | | |
| REGANCREST BOSTYN | 840003130725275 | | | | | | |
| REGANCREST BOWSER SARA | USA 66625635 | | | | | | |
| REGANCREST BR M DEVINA-ET | USA 63606865 | | | | | | |
| REGANCREST BRADELL BETH | 840003126697351 | | | | | | |
| REGANCREST BRADELL SELA | USA 66625412 | | | | | | |
| REGANCREST BRADNIC AMIRA-ET | USA 71297968 | | | | | | |
| REGANCREST BRADNICK ASHLAR | 840003130725405 | | | | | | |
| REGANCREST BRADNICK ASHLEY | 840003130725186 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST BRADNICK BELLA | 840003130725234 | | | | | | |
| REGANCREST BRADNICK BREANN | USA 71298236 | | | | | | |
| REGANCREST BRADNICK DANIKA | 840003130725190 | | | | | | |
| REGANCREST BRADNICK DEMIANE | 840003130725252 | | | | | | |
| REGANCREST BRADNICK DEVA | USA 71298197 | | | | | | |
| REGANCREST BRADNICK DOLLI | USA 71298292 | | | | | | |
| REGANCREST BRADNICK IVORY | USA 71298343 | | | | | | |
| REGANCREST BRADNICK MARLANA | 840003126697503 | | | | | | |
| REGANCREST BRADNICK PASSION | USA 71297848 | | | | | | |
| REGANCREST BRADY BELAROSE | 840003126697414 | | | | | | |
| REGANCREST BRADY DIONARA | 840003130725394 | | | | | | |
| REGANCREST BRADY LINDZE | 840003126697405 | | | | | | |
| REGANCREST BRAVO 7549 | USA 71298371 | | | | | | |
| REGANCREST BRAVO CAYLA | USA 71298102 | | | | | | |
| REGANCREST BRAVO KAMILA | USA 71298072 | | | | | | |
| REGANCREST BRAVO LILLA | USA 71298542 | | | | | | |
| REGANCREST BRAVO MINDE | USA 71297950 | | | | | C | |
| REGANCREST BRAVO TAMARA | USA 71297912 | | | | | | |
| REGANCREST BRAXTON EVENESSA | USA 71297896 | | | | | | |
| REGANCREST BRAXTON RENA | 840003126697385 | | | | | | 1 |
| REGANCREST BRAXTON TIAH-ET | USA 70242654 | | | | | | |
| REGANCREST BRDNK HOLIDAY-ET | USA 71297979 | | | | | | 3 |
| REGANCREST BREATHTAKING | USA 71298190 | | | | | | |
| REGANCREST BREYA-ET | USA 62496852 | | | | | | |
| REGANCREST BREYAN-ET | USA 63606694 | | | | | | |
| REGANCREST BRIG BUTTERCUP | 840003130725349 | | | | | | |
| REGANCREST BRIGHAM ARMORA | 840003126697440 | | | | | | |
| REGANCREST BRIGHAM DEA | 840003130725219 | | | | | | |
| REGANCREST BRIGHAM TIARA | 840003130725246 | | | | | C | |
| REGANCREST BRIGHTEN-ET | USA 66625016 | | | | | | |
| REGANCREST BRIGHTNESS-ET | USA 66625019 | | | | | | |
| REGANCREST BRITECHIP | USA 71298340 | | | | | | |
| REGANCREST BRIZANA-ET | USA 66624976 | | | | | | 1 |
| REGANCREST BRIZELLA-ET | USA 66624978 | | | | | | |
| REGANCREST BRIZORA-ET | USA 66624974 | | | | | | |
| REGANCREST BRIZZA-ET | USA 66624903 | | C | | | | |
| REGANCREST BROADWAYSTAR | USA 66625257 | | | C | | | |
| REGANCREST BROKAW BELLORA | 840003130725339 | | | | | | |
| REGANCREST BROKAW TAIANA | 840003126697364 | | | | | | |
| REGANCREST BRONCO BELINA-ET | USA 66625649 | | | | | | |
| REGANCREST BRONCO BELISA-ET | USA 66625654 | | | C | | | |
| REGANCREST BRONCO BELLA-ET | USA 66625660 | | | | | | |
| REGANCREST BRONO EMA | USA 71298594 | | | | | | |
| REGANCREST BRONO PATSY | USA 71298587 | | | | | | |
| REGANCREST BRONZE DAME | USA 71298760 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST BRONZE INSIGHT | USA 71298626 | | | C | | | |
| REGANCREST BRONZE IVORY | USA 71298412 | | | C | | | |
| REGANCREST BRONZE LINDA | USA 71298487 | | | C | | | |
| REGANCREST BRONZE MICA | 840003126697392 | | | | | | |
| REGANCREST BRONZE PATSY | USA 71298500 | | | | | | 3 |
| REGANCREST BRONZE PEDARA | 840003130725306 | | | C | | | |
| REGANCREST BRONZE SATORA | USA 71298544 | | | C | | | |
| REGANCREST BRONZE ZOLIE | 840003126697387 | | | | | | |
| REGANCREST BROOKELLE-ET | USA 70242567 | | | | | C | |
| REGANCREST BROOKLYN-ET | USA 70242569 | | | | | C | |
| REGANCREST BRYNNA-ET | USA 62496851 | | | | | C | |
| REGANCREST BUCKNER NAUTICAL | USA 70242773 | | | | | | |
| REGANCREST C BELDARA-ET | USA 70242564 | | | | | | 1 |
| REGANCREST C BELLARI-ET | USA 70242561 | | | C | | | |
| REGANCREST C BONJORA-ET | USA 70242558 | | | C | | | 1 |
| REGANCREST C CLOVER-ET | USA 64943253 | | | | | | |
| REGANCREST CADENCE-ET | USA 66625361 | | | | | | |
| REGANCREST CAL PAULINE-ET | USA 71298034 | | | | | | |
| REGANCREST CALLIA-ET | USA 70242615 | | | | | | |
| REGANCREST CALLIE-ET | USA 70242622 | C | | | | | |
| REGANCREST CALYPSO-ET | USA 66625357 | | | | | | |
| REGANCREST CAM BOLDARA-ET | USA 71297840 | | | | | | |
| REGANCREST CAM BRYE-ET | USA 71298010 | | | | | | |
| REGANCREST CAM TAMORA-ET | USA 70243025 | | | | | | |
| REGANCREST CAMBRIA-ET | USA 70242644 | C | | | | | |
| REGANCREST CAMERO BABE-ET | USA 71298723 | | | | | | |
| REGANCREST CAMERO BELLA-ET | USA 71298724 | | | | | | |
| REGANCREST CAMERO BESS-ET | USA 71298728 | | | | | | |
| REGANCREST CAMERO BLING-ET | USA 71298720 | | | | | | |
| REGANCREST CAMERON STAR | USA 71297852 | | | | | | |
| REGANCREST CAMILA-ET | USA 70242614 | | | | | | |
| REGANCREST CANDAY-ET | USA 71298174 | | | | | | |
| REGANCREST CAPARINA-ET | USA 66625408 | | | | | | 1 |
| REGANCREST CARA-ET | USA 70242627 | | | | | | |
| REGANCREST CARINA-ET | USA 70242605 | | | | | | |
| REGANCREST CARISMATIC | USA 71297865 | | | | | | |
| REGANCREST CARLY-ET | USA 70242611 | | | | | | |
| REGANCREST CARSON BRASSY | 840003126697407 | | | | | | |
| REGANCREST CASH JIN-ET | USA 71298389 | | | | | | 1 |
| REGANCREST CC TAYLEE | USA 71298565 | | | C | | | |
| REGANCREST CELESTE-ET | USA 66625229 | | | | | | |
| REGANCREST CELINE-ET | USA 66625210 | | | | | | |
| REGANCREST CERTAIN CATE-ET | 840003126697404 | | | | | | |
| REGANCREST CERTAIN CRAIZ-ET | 840003126697403 | | | | | | |
| REGANCREST CHAMP BIONA-ET | USA 66625278 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST CHANEL-ET | USA 66625236 | | | | | | 1 |
| REGANCREST CHANTED-ET | USA 66625214 | | | | | | |
| REGANCREST CHARISMA-ET | USA 71298200 | | | | | | |
| REGANCREST CHEYENNE-ET | USA 66625203 | | | | | | |
| REGANCREST CHIP-P PARIS | USA 71298403 | | | C | | | |
| REGANCREST CHIPP BRANDY-ET | USA 71298364 | | | | | | |
| REGANCREST CHIPP BRYLI-ET | USA 71298373 | | | | | | |
| REGANCREST CHLOE-ET | USA 66625185 | | | | | | 1 |
| REGANCREST CLBY BELLAIRE-ET | USA 64943398 | | | | | | |
| REGANCREST COLT-P 7447 | USA 71298269 | | | | | | |
| REGANCREST COLT-P BERI-RED | USA 71298260 | | | | | | 1 |
| REGANCREST COLT-P DEVI | USA 71298272 | | | | | | |
| REGANCREST COLT-P JEZZ | USA 71298226 | | | | | | 3 |
| REGANCREST COLTP BELLIA | USA 71298579 | | | C | | | |
| REGANCREST COLTP JAZZY | 840003126697372 | | | | | | 3 |
| REGANCREST COMMAND BENA-ET | 840003126697393 | | | | | | |
| REGANCREST CONSTANCE-ET | USA 66625285 | | | | | | |
| REGANCREST CONV KELLY-ET | USA 207184460 | | | | | | |
| REGANCREST COVERGIRL-ET | USA 66625709 | | | | | | |
| REGANCREST CYPRESS-ET | USA 66625368 | | | | | | |
| REGANCREST D BETHY | USA 71298334 | C | | | | | |
| REGANCREST D CARAMBA-ET | USA 71298404 | | | | | | |
| REGANCREST D CECELIA-ET | 840003130725391 | | | | | | |
| REGANCREST D CENTELL-ET | 840003130725389 | | | | | | |
| REGANCREST D CHARMER-ET | USA 71298414 | | | | | C | |
| REGANCREST D GOUDA-TW | USA 71298331 | | | | | | 1 |
| REGANCREST D GUENDA-TW | USA 71298330 | | | | | | 1 |
| REGANCREST D MADI-ET | 840003130725365 | C | | | | C | |
| REGANCREST D MAGNOLIA-ET | 840003130725430 | | | | | | |
| REGANCREST D SHAMARIS | 840003130725309 | | | C | | | |
| REGANCREST D TANIYA-ET | USA 71298300 | | | | | C | |
| REGANCREST DAMARA-ET | USA 70243001 | | | | | C | |
| REGANCREST DAMARIS BAMARI | 840003130725420 | | | | | | |
| REGANCREST DAMARIS BREE | 840003134518387 | | | | | | |
| REGANCREST DAMAS BROOKE-ET | USA 70242565 | | C | | | | |
| REGANCREST DANCING DEVA-TW | USA 66625419 | | | | | | |
| REGANCREST DEBBIE-JO-ET | USA 17320391 | | | | | | |
| REGANCREST DEFENDER ISHANA | USA 71298719 | | | | | | |
| REGANCREST DEFI OPTILUDE-ET | 840003130725387 | | | | | | |
| REGANCREST DELIGENT CORA | USA 71298320 | | | | | | |
| REGANCREST DELTA ARRIA | 840003130725369 | | | | | | |
| REGANCREST DELTA BELLA | 840003130725329 | | | | | | |
| REGANCREST DELTA BENNY | 840003130725351 | | | | | | |
| REGANCREST DELTA BETHIA | 840003130725301 | | | | | | |
| REGANCREST DELTA BLEU | 840003126697549 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST DELTA BLYTHE | 840003130725338 | | | | | | |
| REGANCREST DELTA BRYNNE | 840003130725318 | | | | | | |
| REGANCREST DELTA CADEE | 840003130725357 | | | | | | |
| REGANCREST DELTA DACIA | 840003130725344 | | | | | | |
| REGANCREST DELTA DAY | 840003130725218 | | | | | | |
| REGANCREST DELTA DESI | 840003130725366 | | | | | | |
| REGANCREST DELTA LAKE | 840003130725348 | | | | | | |
| REGANCREST DELTA LATISHA | 840003126697523 | | | C | | | |
| REGANCREST DELTA LUVER | 840003130725377 | | | | | | |
| REGANCREST DELTA MAYA | 840003130725384 | | | | | | |
| REGANCREST DELTA OLIVE | 840003130725260 | | | | | | 1 |
| REGANCREST DELTA PORCHA | 840003126697486 | | | | | | |
| REGANCREST DELTA RAVEN | 840003130725400 | | | | | | |
| REGANCREST DELTA SHAR | 840003130725261 | | | | | | |
| REGANCREST DELTA STELLA | 840003126697520 | | | C | | | |
| REGANCREST DELTA TRINITY | 840003130725360 | | | | | | |
| REGANCREST DEMPSEY DACIA | USA 70242921 | | | | | | |
| REGANCREST DENVER SHINE | 840003130725293 | | | | | | |
| REGANCREST DESTRY BREYLNN | USA 70243051 | | | | | | 1 |
| REGANCREST DESTRY LYDIA-ET | USA 70242573 | | | | | | 1 |
| REGANCREST DESTRY LYNDE-ET | USA 70242575 | | | | | | 1 |
| REGANCREST DETERMIN BLIS-ET | USA 71298384 | | | | | | |
| REGANCREST DETERMINE BEE | USA 71298578 | | | | | | |
| REGANCREST DEYJA BARI-ET | 840003126697497 | | | | | | |
| REGANCREST DEYJA BELL | 840003130725202 | | | | | | |
| REGANCREST DEYJA BELLANA-ET | 840003126697461 | | | | | | |
| REGANCREST DEYJA BELLE-ET | 840003130725251 | | | | | | |
| REGANCREST DGR BRYSHA-ET | USA 66625568 | | | | | | |
| REGANCREST DIGGER BRENNA-ET | USA 66625557 | | | | | | |
| REGANCREST DILANNE-ET | USA 71297851 | | | | | | |
| REGANCREST DIONNE-ET | USA 71297850 | | | | | | |
| REGANCREST DOMAIN BEA | USA 71297959 | | | | | | |
| REGANCREST DOMAIN BEAUTY | USA 70242585 | | | | | C | |
| REGANCREST DOMAIN BODANA-ET | USA 66625471 | | | | | | |
| REGANCREST DOMAIN BODAYA-TW | USA 66625565 | | | | | | |
| REGANCREST DOMAIN CANDRA | USA 70242742 | | | | | | |
| REGANCREST DOMAIN CINDE-ET | USA 66625560 | | | | | | |
| REGANCREST DOMAIN CINDER-ET | USA 66625559 | | | | | | |
| REGANCREST DOMAIN CINDY-ET | USA 66625555 | | | | | | |
| REGANCREST DOMAIN ILESSA | USA 66625657 | | | | | | |
| REGANCREST DOMAIN ISELA-ET | USA 66625576 | | | | | | |
| REGANCREST DOMAIN IVORY-ET | USA 66625551 | | | | | | |
| REGANCREST DOMAIN LAURA-ET | USA 66625553 | | | | | | 1 |
| REGANCREST DOMAIN LISA-ET | USA 66625581 | | | | | | |
| REGANCREST DOMAIN SHANA-ET | USA 66625482 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST DOMAIN SHELBY-ET | USA 66625664 | | | | | | |
| REGANCREST DOORMAN BABE | 840003130725441 | | | | | | |
| REGANCREST DOORMAN BEST-ET | 840003135922862 | | | | | | |
| REGANCREST DOORMAN BLAIR | 840003130725236 | | | | | C | |
| REGANCREST DOORMAN BLASE | 840003130725287 | | | | | | |
| REGANCREST DOORMAN BOOTS-ET | 840003135922859 | | | | | | |
| REGANCREST DOORMAN BRIA | 840003126697418 | | | | | | |
| REGANCREST DOORMAN PACIFIC | 840003130725385 | | | | | C | |
| REGANCREST DOORMAN PERLINA | 840003126697563 | | | | | | |
| REGANCREST DOORMAN TAYA-ET | USA 71298338 | | | | | | |
| REGANCREST DOORMAN TAYONA | 840003130725290 | | | | | | |
| REGANCREST DOPSY | USA 70243020 | | | | | | |
| REGANCREST DORCY BENISHEY | USA 66625453 | | | | | | |
| REGANCREST DORCY ILANA-ET | USA 66625473 | | | | | | |
| REGANCREST DORCY ILENE-ET | USA 66625458 | | | | | | |
| REGANCREST DORCY ILONA-ET | USA 66625460 | | | | | | |
| REGANCREST DORCY MELYSA | USA 71298421 | | | | | | 1 |
| REGANCREST DORCY PARAH | 840003126697481 | | | | | | |
| REGANCREST DOREA | 840003130725346 | | | | | | |
| REGANCREST DORIAN-ET | USA 71297853 | | | | | | |
| REGANCREST DOVETAIL-RED-ET | USA 71298532 | | | | | | |
| REGANCREST DREAMY GOLDEN | USA 71297856 | | | | | | |
| REGANCREST DRIFTER DELICA | 840003130725305 | | | | | | |
| REGANCREST DRIFTER DORA | 840003130725247 | | | | | | |
| REGANCREST DULCEANA-ET | USA 66625606 | | | | | C | |
| REGANCREST DUSK TILL DAWN | USA 71298057 | | | | | | 1 |
| REGANCREST E JULIANA-ET | 840003130725456 | | | | | | |
| REGANCREST EFFECT OPAL-ET | USA 71298250 | | | | | | |
| REGANCREST EFFECT OPERA-ET | USA 71298253 | | | | | | |
| REGANCREST EFFECT OPRAH-ET | USA 71298257 | | | | | | |
| REGANCREST ELUDE BREA | 840003130725426 | | | | | | |
| REGANCREST ENCINO LILITH-ET | USA 63606781 | | | | | | |
| REGANCREST ENTAIL BANSI-ET | 840003130725266 | | | | | | |
| REGANCREST ENTAIL BENTLY-ET | 840003130725264 | | | | | | |
| REGANCREST ENTAIL JAYLA-ET | 840003130725325 | | | | | | |
| REGANCREST ENTAIL JAYLAE-ET | 840003130725383 | | | | | | |
| REGANCREST ENTAIL JEM-ET | 840003130725324 | | | | | | |
| REGANCREST ENTAIL JULIAN-ET | 840003130725336 | | | | | | |
| REGANCREST ENTAIL JULIE-ET | 840003130725374 | | | | | | |
| REGANCREST ENTAIL ORIANA | 840003130725315 | | | | | | |
| REGANCREST EPIC BECCA | USA 71297883 | | | | | | |
| REGANCREST EPIC LISA | USA 71297885 | | | | | | |
| REGANCREST EPIC PAMORA | USA 71298058 | | | | | | |
| REGANCREST EPIC PEACE-ET | USA 71298073 | | | | | | |
| REGANCREST EPIC PEARL-ET | USA 71298068 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST EPIC PEONY | USA 71298036 | | | | | | |
| REGANCREST ERASERP ORIE-ET | 840003126697553 | | | | | | |
| REGANCREST EXP LYRICAL-ET | USA 70243033 | | | | | | |
| REGANCREST EXPLD BELLANO-ET | USA 70242943 | | | | | | |
| REGANCREST EXPLD CINEMA-ET | USA 70242934 | | | | | | |
| REGANCREST EXPLDE BELANA-ET | USA 70242914 | | | | | | |
| REGANCREST EXPLDE CIESTA-ET | USA 70242942 | | | | | | |
| REGANCREST EXPLDE SHIANE-ET | USA 70243024 | | | | | | |
| REGANCREST EXPLODE BRIANNA | USA 71297847 | | | | | | |
| REGANCREST EXPLODE BRITES | USA 71298195 | | | | | | |
| REGANCREST EXPLODE BRITT | USA 70242944 | | | | | | |
| REGANCREST EXPLODE BYSHANA | USA 71298211 | | | | | | |
| REGANCREST EXPLODE CARO-ET | USA 70242919 | | | | | | |
| REGANCREST EXPLODE CHINA-ET | USA 70242918 | | | | | | |
| REGANCREST EXPLODE CINDY-ET | USA 70242932 | | | | | | |
| REGANCREST EXPLODE CUBA-ET | USA 70242933 | | | | | | |
| REGANCREST EXPLODE FAYA | 840003126697460 | | | | | | |
| REGANCREST EXPLODE LACES | 840003126697484 | | | | | | 1 |
| REGANCREST EXPLODE LARA | 840003126697447 | | | | | | |
| REGANCREST EXPLODE MILLA | USA 71297988 | | | | | | |
| REGANCREST EXPLODE PRESLEY | 840003126697468 | | | | | | 3 |
| REGANCREST EXPLODE SHY-ET | USA 70243039 | | | | | | |
| REGANCREST FACEBOOK PAGE-ET | USA 70242972 | | | | | | |
| REGANCREST FACEBOOK TABA-ET | USA 70242958 | | | | | | |
| REGANCREST FB TABITH-ET | USA 71297997 | | | | | | |
| REGANCREST FB TASHA-ET | USA 70242959 | | | | | | |
| REGANCREST FB TENACIOUS-ET | USA 70242963 | | | | | | |
| REGANCREST FEVER BARBI-ET | USA 71298463 | | | | | C | |
| REGANCREST FEVER BELA-ET | USA 71298462 | | | | | C | |
| REGANCREST FIRST ODELIA-ET | 840003126697530 | | | | | | |
| REGANCREST FIRST OLYMPIA-ET | 840003126697543 | | | | | | |
| REGANCREST FIRST ORA-ET | 840003126697533 | | | | | | |
| REGANCREST FIRST ORICA-ET | 840003126697534 | | | | | | |
| REGANCREST FIRST ORIELA-ET | 840003126697535 | | | | | | |
| REGANCREST FLAME BARBARA | USA 71298641 | | | | | | |
| REGANCREST FLAME BENISSA-ET | USA 71298707 | | | | | | |
| REGANCREST FLAME BLAISE | USA 71298644 | | | | | | |
| REGANCREST FLAME BRIGHT | USA 71298637 | | | | | | |
| REGANCREST FLAME TWEETER | USA 71298814 | | | | | | |
| REGANCREST FRD BENICIA-ET | USA 66625387 | | | | | | |
| REGANCREST FRD LISABEL-ET | USA 66625281 | | | | | | |
| REGANCREST FRD LISANDRA-ET | USA 66625290 | | | | | | |
| REGANCREST FRD LISANNE-ET | USA 66625293 | | | | | | |
| REGANCREST FREDDIE 7503 | USA 71298325 | | | | | | |
| REGANCREST FREDDIE BLOSSOM | 840003007677635 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST FREDDIE LIZA-ET | USA 66625307 | | | | | | |
| REGANCREST G BEAUTY-ET | USA 62496929 | | | | | | |
| REGANCREST G BELURED-ET | USA 71297920 | | | | | | |
| REGANCREST G BREAN-ET | USA 70242789 | | | | | | |
| REGANCREST G BRESHANA-ET | USA 66625707 | | | | | | |
| REGANCREST G BRITELITE-ET | USA 66624875 | | | | | | |
| REGANCREST G BRIZELDA-ET | USA 62496934 | | | | | | |
| REGANCREST G BROCADE-ET | USA 62496933 | | | | | | 1 |
| REGANCREST G BRONTAY-ET | USA 62496938 | | | | | | 1 |
| REGANCREST G BRYTE-ET | USA 70242783 | | | | | | |
| REGANCREST G CINDERELLA-ET | USA 71298600 | | | | | | |
| REGANCREST G IVETTE-ET | USA 66625620 | | | | | | |
| REGANCREST G IVONNE-ET | USA 66625626 | | | | | | |
| REGANCREST G RIO | USA 70242787 | | | | | | 1 |
| REGANCREST GABOR BEDELIA | 840003126697383 | | | | | | |
| REGANCREST GABOR BREA | 840003126697477 | | | | | | |
| REGANCREST GABOR BREENA | USA 71298669 | | | | | | |
| REGANCREST GABOR LORIANE | 840003126697415 | | | | | | |
| REGANCREST GABOR PASCHA | 840003126697421 | | | | | | |
| REGANCREST GC DINA | 840003126697434 | | | | | | |
| REGANCREST GC GREAT | 840003130725421 | | | | | C | |
| REGANCREST GC LEEZA | USA 71298303 | | | | | | |
| REGANCREST GC MANDALYNE | USA 70243038 | | | | | | |
| REGANCREST GC PASH | USA 71298709 | | | | | | |
| REGANCREST GC TATIANA-ET | USA 71298284 | | | | | | |
| REGANCREST GC TAYLOR-ET | USA 71298283 | | | | | | |
| REGANCREST GERARD PERLA-ET | USA 66625700 | | | | | | |
| REGANCREST GERARD PERSIA-ET | USA 66625713 | | | | | | |
| REGANCREST GOLD BEAUTY-ET | 840003128940506 | | | | | | |
| REGANCREST GOLD BILLI-J-ET | USA 66625452 | | | | | | |
| REGANCREST GOLD BLISS-ET | USA 71298127 | | | | | C | |
| REGANCREST GOLD BOLDNESS-ET | USA 66625305 | | | | | | |
| REGANCREST GOLD BRANDY-ET | USA 66625578 | | | | | | 1 |
| REGANCREST GOLD BRETTA-ET | USA 62496942 | | | | | | 1 |
| REGANCREST GOLD CATRINE-ET | USA 71298610 | | | | | | 1 |
| REGANCREST GOLD CHIP DIME | USA 70243026 | | | | | | |
| REGANCREST GOLD DONTIA-ET | USA 62496871 | | | | | | |
| REGANCREST GOLD ISARA-ET | USA 62496903 | | | | | | |
| REGANCREST GOLD MAGESTIC-ET | USA 70242971 | | | | | | |
| REGANCREST GOLD MILLY-ET | USA 62496865 | C | | | | | |
| REGANCREST GOLD PORCHE | USA 71297958 | | | | | | |
| REGANCREST GOLD SATIN-ET | USA 70242984 | | | | | | |
| REGANCREST GOLD SHINE-ET | USA 70242978 | | | | | | |
| REGANCREST GOLD SUN-ET | USA 70242968 | | | | | | |
| REGANCREST GOLDCHIP BARINA | USA 70243018 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST GOLDCHIP BRIDGET | USA 71298317 | | C | | | | |
| REGANCREST GOLDCHIP DAY | USA 71297839 | | | | | | |
| REGANCREST GOLDCHIP KELSIE | 840003126697398 | | | | | | |
| REGANCREST GOLDCHIP LASHES | USA 71297898 | | | | | | |
| REGANCREST GOLDCHIP LEANA | USA 71298014 | | | | | | |
| REGANCREST GOLDCHIP LISSY | USA 71298152 | | | | | | |
| REGANCREST GOLDCHIP MAGNES | USA 71297891 | | | | | | |
| REGANCREST GOLDCHIP RAYE | USA 70243054 | | | C | | | |
| REGANCREST GOLDCHIP SALI-ET | USA 70242985 | | | | | | |
| REGANCREST GOLDCHIP TALASI | USA 70242986 | | | | | | |
| REGANCREST GOLDCP SHEENA-ET | USA 70242970 | | | | | | |
| REGANCREST GOLDEN BEAUTY-ET | USA 71297986 | | | | | | |
| REGANCREST GOLDSUN DEVA | USA 71298216 | | | | | | |
| REGANCREST GOLDSUN PRIMA-ET | USA 71298137 | | | | | | |
| REGANCREST GOLDUST BLACKY | 840003126697390 | | | | | | |
| REGANCREST GUTHRI CALINA-ET | USA 70242987 | | | | | | |
| REGANCREST GUTHRI CALISA-ET | USA 70242988 | | | | | | |
| REGANCREST GUTHRIE SUZIE | USA 70242844 | | | | | | |
| REGANCREST GVH DULCEA-ET | USA 66625556 | | | | | C | |
| REGANCREST H BRIGHTY | USA 70242797 | | | | | | |
| REGANCREST H CADENCE-ET | USA 71297971 | | | | | | |
| REGANCREST H PEARL-ET | USA 71298212 | | | | | | |
| REGANCREST H PEARLY-ET | USA 71298213 | | | | | | |
| REGANCREST HADDY-ET | USA 71297983 | | | | | | 3 |
| REGANCREST HAILEY-ET | USA 71298011 | | | | | | 3 |
| REGANCREST HALO RAINA-ET | USA 71298727 | | | | | | |
| REGANCREST HALO REBEL-ET | USA 71298746 | | | | | | |
| REGANCREST HALYN-ET | USA 71298012 | | | | | | 3 |
| REGANCREST HEADLINER BRI-ET | USA 71298251 | | | | | | |
| REGANCREST HEADLINER BRYLI | USA 71298567 | | | | | | |
| REGANCREST HEADLINER LANA | USA 71298225 | | | | | | |
| REGANCREST HEADLINR BRYN-ET | USA 71298248 | | | | | | |
| REGANCREST HERO BELANI | USA 71298680 | | | | | | |
| REGANCREST HERO BRENNA-ET | USA 71298037 | | | | | | |
| REGANCREST HERO DESA | USA 71298305 | | | | | | |
| REGANCREST HI DORETA-ET | USA 71297966 | | | | | | |
| REGANCREST HOBBIT ARIEL | 840003126697493 | | | | C | | |
| REGANCREST HOBBIT KARMEL | 840003126697490 | | | | C | | |
| REGANCREST HOBBITT SADE-TW | 840003126697476 | | | | | C | |
| REGANCREST HOBITT SADIE-TW | 840003126697475 | | | | | | |
| REGANCREST HUNTER BLOOMY | USA 71298333 | | | | | | |
| REGANCREST HUNTER TIFFANY | USA 15716255 | | | | | | |
| REGANCREST HYDRO DESSA | USA 71298634 | | | | | | |
| REGANCREST I APPEAL-ET | USA 66625588 | | | | | | |
| REGANCREST IOTA BELLA | 840003126697487 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST IOTA BENISHI-ET | USA 70242727 | | | | | | |
| REGANCREST IOTA BINASA-ET | USA 70242769 | | | | | | |
| REGANCREST IOTA BREA-ET | USA 70242695 | | | | | | |
| REGANCREST IOTA BREAHA | USA 66625708 | | | | | | |
| REGANCREST IOTA BRENNA-ET | USA 70242688 | | | | | | |
| REGANCREST IOTA BRIANNA-ET | USA 70242689 | | | | | | 3 |
| REGANCREST IOTA BRIE-ET | USA 70242608 | | | | | | 3 |
| REGANCREST IOTA BRINA | USA 71298715 | | | | | | |
| REGANCREST IOTA BRISANNA-ET | USA 66625677 | | | | | C | |
| REGANCREST IOTA BRITTANY-ET | USA 70242701 | | | | | | |
| REGANCREST IOTA BUTTERFLY | USA 70242604 | | | | | | |
| REGANCREST IOTA CADI-ET | USA 70242718 | | | | | | |
| REGANCREST IOTA CADRA-ET | USA 70242716 | | | | | | |
| REGANCREST IOTA DARE | USA 70242600 | | | | | C | |
| REGANCREST IOTA DARING | USA 70242721 | | | | | | |
| REGANCREST IOTA DASHEA | USA 70242618 | | | | | C | |
| REGANCREST IOTA DEANA | 840003126697501 | | | | | | |
| REGANCREST IOTA FAME | USA 70242632 | | | | | | |
| REGANCREST IOTA GILIA | USA 70242641 | | C | | | | 3 |
| REGANCREST IOTA IDELLA-ET | USA 70242750 | | | | | | |
| REGANCREST IOTA ISHA | USA 70242640 | | | | | | |
| REGANCREST IOTA LAINA-ET | USA 70242766 | | | | | | |
| REGANCREST IOTA LALITA-ET | USA 70242678 | | | | | | |
| REGANCREST IOTA LATISHA-ET | USA 70242682 | | | | | | |
| REGANCREST IOTA LAVISHA-ET | USA 70242762 | | | | | | |
| REGANCREST IOTA SAGE-ET | USA 70242833 | | | | | | |
| REGANCREST IOTA SARINA | USA 66625690 | | | | | | |
| REGANCREST IOTA SARR | USA 70242739 | | | | | | 1 |
| REGANCREST IOTA SASHI-ET | USA 70242752 | | | | | | |
| REGANCREST IOTA SHANTI-ET | USA 70242747 | | | | | | |
| REGANCREST IOTA TAY | USA 70242753 | | | | | | |
| REGANCREST IOTA TIATA-ET | USA 66625650 | | | | | | |
| REGANCREST J BALI-ET | USA 66625156 | | | | | | |
| REGANCREST J BALITA-ET | USA 66625149 | | | | | | |
| REGANCREST J BATIA-ET | USA 66625163 | | | | | | |
| REGANCREST J BATRINA-ET | USA 66625167 | | | | | | |
| REGANCREST J BAYTA-ET | USA 66625166 | | | | | | |
| REGANCREST J CALEEN-ET | USA 66625026 | | | | | | |
| REGANCREST J LIBERTINA-ET | USA 66625327 | | | | | | 1 |
| REGANCREST J LIBRAYA-ET | USA 66625309 | | | | | | |
| REGANCREST J LIBREA-ET | USA 66625303 | | | | | | |
| REGANCREST JABIR 7680-ET | USA 71298502 | | | C | | | |
| REGANCREST JABIR 7714-ET | USA 71298536 | | | | | | |
| REGANCREST JABIR 7719-ET | USA 71298541 | | | | | | |
| REGANCREST JABIR 7721-ET | USA 71298543 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST JABIR 7725-ET | USA 71298547 | | | | | | |
| REGANCREST JABIR 7728-ET | USA 71298550 | | | | | | |
| REGANCREST JABIR BARRI | USA 71298622 | | | | | | |
| REGANCREST JABIR BELL-ET | USA 71298488 | | | | | | |
| REGANCREST JABIR BELSTAR-ET | USA 71298495 | | | | | | |
| REGANCREST JABIR DEBBI-ET | USA 71298515 | | | | | | |
| REGANCREST JABIR DEBRA-ET | USA 71298516 | | | C | | | |
| REGANCREST JABIR ILSA | USA 71298493 | | | | | | |
| REGANCREST JABIR TRENDY-ET | USA 71298664 | | | | | | |
| REGANCREST JACEY CHIATA | 840003126697380 | | | | | | |
| REGANCREST JACKMAN 7697-TW | USA 71298519 | | | C | | | |
| REGANCREST JACKMAN JINI | USA 71298514 | | | C | | | |
| REGANCREST JACKMAN MAGGS | 840003126697391 | | | C | | | |
| REGANCREST JC ROYALE-ET | USA 71298563 | | | | | | |
| REGANCREST JETSET TRILOGY | USA 71298792 | | | | | | |
| REGANCREST JORDAN BODARA | USA 70242599 | | | | | | |
| REGANCREST JORDAN BREA-ET | USA 66625706 | | | | | | 3 |
| REGANCREST JORDAN BRENNA-ET | USA 66625714 | | | | | | 3 |
| REGANCREST JORDAN LUXURY | USA 70242620 | | | | | | |
| REGANCREST JOSE LAKISHA-ET | USA 63606784 | | | | C | | |
| REGANCREST JOSU BEVERLY-ET | 840003130725272 | | | | | | |
| REGANCREST JOSUPER BAYLI-ET | 840003130725241 | | | | | | |
| REGANCREST JOSUPER BLIZZ | 840003130725334 | | | | | | |
| REGANCREST JS BETSIE-ET | 840003130725415 | | | | | | |
| REGANCREST K TARISSA-ET | USA 70242879 | | | C | | | |
| REGANCREST K TARYN-ET | USA 70242866 | | | | | | |
| REGANCREST K TAYLA-ET | USA 70242870 | | | C | | | |
| REGANCREST KADO IRLAINY | 840003130725167 | | | | | | |
| REGANCREST KARTOON DINA | 840003126697362 | | | | | | 1 |
| REGANCREST KB BRITTA | 840003130725388 | | | | | | |
| REGANCREST KB DESSI | 840003130725402 | | | | | | |
| REGANCREST KB LUXURY | 840003130725358 | | | | | | |
| REGANCREST KB MAJESTIC-ET | 840003130725212 | C | | | | | |
| REGANCREST KB MERCEDES-ET | 840003130725210 | | | | | | |
| REGANCREST KB ORAZIA-ET | 840003126697511 | | | | | | |
| REGANCREST KB OSIANA-ET | 840003126697510 | | | | | | |
| REGANCREST KB OZELLA-ET | 840003126697508 | | | | | | |
| REGANCREST KB OZETTE-ET | 840003126697512 | | | | | | |
| REGANCREST KB PARISA | 840003130725282 | | | | | | |
| REGANCREST KB SHARLEZE | 840003130725231 | | | | | | |
| REGANCREST KOOL BREEZE | 840003126697366 | | | | | | |
| REGANCREST KOOL DAYE | USA 71298054 | | | | | C | |
| REGANCREST KRAMER TANYO-ET | USA 70242911 | | | | | | |
| REGANCREST L 7576-ET | USA 71298398 | | | | | | |
| REGANCREST L CELINDA-ET | USA 70243040 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST L MELENA-ET | USA 66624869 | | | | | | |
| REGANCREST L PAISLY-ET | USA 71298095 | | | | | | |
| REGANCREST L PASHE-ET | USA 71298088 | | | | | | |
| REGANCREST L PASTEL-ET | USA 71298092 | | | | | | |
| REGANCREST L RADA-ET | USA 71298397 | | | | | | |
| REGANCREST L RAYE-ET | USA 71298402 | | | | | | |
| REGANCREST L SERISSA-ET | USA 70242740 | | | | | | 1 |
| REGANCREST L TAYLOR-ET | USA 71298310 | | | | | | |
| REGANCREST L TOPSTAR | 840003130725390 | | | | | | |
| REGANCREST LADD MATIA-RED | USA 71298048 | | | | | | 1 |
| REGANCREST LADD TYNSEL-RED | USA 71298056 | | | | | | 1 |
| REGANCREST LAKESIDE | USA 71298282 | | | | | | |
| REGANCREST LATIMER BELLINI | USA 71298273 | | | | | | |
| REGANCREST LATIMER MAY-ET | USA 71298342 | C | | | | | |
| REGANCREST LATIMER MYA-ET | USA 71298363 | C | | | | | |
| REGANCREST LATIMER PRISTINA | USA 71298559 | | | | | | 1 |
| REGANCREST LATIMER TWITTER | USA 71298381 | | | | | | 1 |
| REGANCREST LB TALLY | USA 64943406 | | | | | | |
| REGANCREST LE PALACE-ET | USA 70242801 | | | | | | |
| REGANCREST LE PASHA-ET | USA 70242806 | | | | | | |
| REGANCREST LERO ATTIE | 840003126697400 | | | | | | |
| REGANCREST LERO KENDRA | USA 71297878 | | | | | | |
| REGANCREST LEWIS LATIA-ET | USA 70242891 | | | | | | |
| REGANCREST LEWIS LISS-ET | USA 70242998 | | | | | | |
| REGANCREST LEXOR SHERA-ET | USA 71298264 | | | | | | |
| REGANCREST LEXOR TANISHA | USA 71298483 | | | | | | |
| REGANCREST LG ILORE | 840003126697453 | | | | | | |
| REGANCREST LG PROSPERA | 840003130725283 | | | | | | 1 |
| REGANCREST LGOLD MYSTIC-ET | USA 71298518 | | | | | | |
| REGANCREST LIL ROSE | USA 71298348 | | | | | | |
| REGANCREST LILIANN | 840003130725424 | | | | | C | |
| REGANCREST LINEMAN RYLEE-ET | USA 71298750 | | | | | | |
| REGANCREST LIS BREE | USA 71298670 | | | C | | | |
| REGANCREST LIT BRIGHT-ET | USA 71298104 | | | | | | |
| REGANCREST LIT BRIGHTA-ET | USA 71298097 | | | | | | |
| REGANCREST LITH RAELYN-ET | USA 71298409 | | | | | | |
| REGANCREST LITH ROBEA-ET | USA 71298407 | | | | | | |
| REGANCREST LITHIUM ALIBI | USA 71298350 | | | | | | |
| REGANCREST LITHIUM BESHY-ET | USA 71297928 | | | | | | |
| REGANCREST LITTLETON BESHY | 840003126697552 | | | | | | |
| REGANCREST LITTLETON BRAXEE | 840003126697536 | | | | | | |
| REGANCREST LK LINDZEE-ET | USA 66625117 | | | | | | |
| REGANCREST LK LINZI-ET | USA 66625120 | | | | | | |
| REGANCREST LK LIZET-ET | USA 66625136 | | | | | | |
| REGANCREST LK LIZZIE-ET | USA 66625126 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST LOTTOMAX JEM | 840003126697436 | | | | | | |
| REGANCREST M BARBRA-ET | USA 71298775 | | | | | | |
| REGANCREST M BARI-ET | USA 71298776 | | | | | | |
| REGANCREST M BAYLEE-ET | USA 66625033 | | C | | | | |
| REGANCREST M BENISHA-ET | USA 63606718 | | | | | | |
| REGANCREST M BERKELL-ET | USA 71298281 | | | | | | |
| REGANCREST M BETH-ET | USA 66624926 | | | | | | |
| REGANCREST M CERENITY-ET | USA 66625659 | | | | | | |
| REGANCREST M OSELLA-ET | 840003130725244 | | | | | | |
| REGANCREST M RAEGEN-ET | USA 71298781 | | | | | | |
| REGANCREST M RAMIRA-ET | USA 71298777 | | | | | | |
| REGANCREST M RIESLING-ET | USA 71298774 | | | | | | |
| REGANCREST M ROSEA-ET | USA 71298764 | | | | | | |
| REGANCREST M ROSLANA-ET | USA 71298766 | | | | | | |
| REGANCREST MAC BREAH-ET | USA 63606803 | | | | | | |
| REGANCREST MAC BRESHAN-ET | USA 63606723 | | | | | | |
| REGANCREST MAC BRISSA-ET | USA 63606717 | | | | | C | |
| REGANCREST MAC BRITELITE-ET | USA 63606776 | | | | | | |
| REGANCREST MAC IESHIA-ET | USA 63606804 | | | | | | |
| REGANCREST MAC INDIRA-ET | USA 63606783 | | | | | | |
| REGANCREST MAC IRLANDA-ET | USA 63606790 | | | | | | |
| REGANCREST MAC MISSA-ET | USA 64943441 | | | | | | |
| REGANCREST MAC MISSY-ET | USA 64943434 | | | C | | | |
| REGANCREST MAC PADRINA-ET | USA 66624813 | | | | | | |
| REGANCREST MAC PAMELA-ET | USA 66624782 | | | | | | |
| REGANCREST MAC PAULINA-ET | USA 66624789 | | | | | | |
| REGANCREST MAC PORSHA-ET | USA 66624792 | | | | | | |
| REGANCREST MADRID-ET | 840003130725372 | | | | | | |
| REGANCREST MADYSON-ET | 840003130725319 | | | | | | |
| REGANCREST MAGNA | 840003130725425 | | | | | | |
| REGANCREST MANO BANISHA-ET | USA 66625239 | | | | | | |
| REGANCREST MANZO 7553 | USA 71298375 | | | | | | |
| REGANCREST MANZO 7555 | USA 71298377 | | | | | | 1 |
| REGANCREST MANZO FELICIA | USA 71298497 | | | | | | |
| REGANCREST MANZO FRANZO | USA 71298438 | | | | | | |
| REGANCREST MASC SHAR-ET | USA 71298351 | | | | | | |
| REGANCREST MASC SHARADE-ET | USA 71298347 | | | | | | |
| REGANCREST MASCAL POLLY | 840003130725281 | | | | | | |
| REGANCREST MASS SHARLA-ET | USA 66625180 | | | | | | |
| REGANCREST MASS SHARLEEN-ET | USA 66625172 | | | | | | |
| REGANCREST MASS SHARLI-ET | USA 66625173 | | | | | | |
| REGANCREST MASSEY BETH | USA 71298312 | | | | | | |
| REGANCREST MASSEY PARIS-ET | USA 71298374 | | | | | | |
| REGANCREST MB BREAUNA-ET | USA 63606860 | | | | | | 3 |
| REGANCREST MB BREYELL-ET | USA 63606863 | | C | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST MB MATTY-RED | USA 70242843 | | | | | | 3 |
| REGANCREST MC ARRIVAL | USA 71298193 | | | | | | |
| REGANCREST MC BECKY | USA 71298326 | | | | | | |
| REGANCREST MC BELL | USA 71298258 | | | | | | 1 |
| REGANCREST MC GEORGA-ET | USA 71298172 | | | | | | |
| REGANCREST MC GIANA-ET | USA 71298167 | | | | | | |
| REGANCREST MC GIGI-ET | USA 71298160 | | | | | | |
| REGANCREST MC LUVE | USA 71298183 | | | | | | |
| REGANCREST MCCUTCHEN GIA-ET | USA 71298151 | | | | | | 1 |
| REGANCREST MCCUTCHEN MANDA | USA 71298265 | | | | | | |
| REGANCREST MCCUTCHN 7249-ET | USA 71298071 | | | | | | |
| REGANCREST MCCUTCHN 7252-ET | USA 71298074 | | | | | | |
| REGANCREST MCCUTCHN 7262-ET | USA 71298084 | | | | | | |
| REGANCREST MCCUTCHN 7263-ET | USA 71298085 | | | | | | |
| REGANCREST MCTCHN TABELL-ET | USA 71298280 | | | | | | |
| REGANCREST ME BENSUE-ET | USA 71298756 | | | | | | |
| REGANCREST MEGASIRE IRISA | 840003126697437 | | | | | | |
| REGANCREST MERI LATOYA-ET | USA 71298158 | | | | | | |
| REGANCREST MERI LAYLA-ET | USA 71298148 | | | | | | |
| REGANCREST MERIDIAN LACY-ET | USA 71298155 | | | | | | |
| REGANCREST MERIDIAN LILY-ET | USA 71298163 | | | | | | |
| REGANCREST MGUL BRESHANA-ET | USA 71297901 | | | | | | |
| REGANCREST MGUL BRESHI-ET | USA 71297904 | | | | | | |
| REGANCREST MIGHTY AWESOME | USA 71298749 | | | | | | |
| REGANCREST MIGHTY BELATRIX | 840003130725398 | | | | | | |
| REGANCREST MIGHTY BRIGHT | USA 71298674 | C | | | | | |
| REGANCREST MIGHTY BRITE | 840003130725416 | C | | | | | |
| REGANCREST MIGHTY CASSI-TW | USA 71298690 | C | | | | | |
| REGANCREST MIGHTY CASSIE-TW | USA 71298689 | | | | | | |
| REGANCREST MIGHTY DAWNETTE | USA 71298752 | | | | | | 1 |
| REGANCREST MIGHTY FASHION | USA 71298686 | C | | | | | |
| REGANCREST MIGHTY GREAT | USA 71298755 | C | | | | | 1 |
| REGANCREST MIGHTY ILISHA | USA 71298735 | C | | | | | |
| REGANCREST MIGHTY MANGO | 840003126697446 | | | | | | |
| REGANCREST MIGHTY MARSHA | USA 71298695 | | | | | | |
| REGANCREST MIGHTY MEL-TW | 840003126697449 | | | | | | |
| REGANCREST MIGHTY MS LUCKY | USA 71298773 | C | | | | | |
| REGANCREST MIGHTY PAULA-TW | USA 71298711 | C | | | | | |
| REGANCREST MIGHTY PIPER | 840003130725237 | | | | | | |
| REGANCREST MIGHTY SHANDRA | USA 71298762 | | | | | | |
| REGANCREST MIGHTY SUNNY | USA 71298731 | | | | | | |
| REGANCREST MIGHTY TARA | 840003130725347 | | | | | | |
| REGANCREST MILANO-ET | 840003130725433 | C | | | | | |
| REGANCREST MILKMAN ANNI | USA 71298306 | | | | | | |
| REGANCREST MILKMAN BELL | 840003126697411 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST MILKMAN BERNESS | USA 71298309 | | | | | | |
| REGANCREST MILKMAN BRANDI | USA 71298787 | | | | | | 1 |
| REGANCREST MILKMAN BREEZE | 840003130725207 | | | | | | |
| REGANCREST MILKMAN DESANNE | 840003126697442 | | | | | | 3 |
| REGANCREST MILKMAN DEVAYA | USA 71298780 | | | | | | |
| REGANCREST MILKMAN HUMOR | USA 71298741 | | | | | C | |
| REGANCREST MILKMAN HYPNOTIC | USA 71298665 | | | | | | |
| REGANCREST MILKMAN LEXUS | USA 71298566 | | | | | | |
| REGANCREST MILKMAN MATTY | 840003130725191 | | | | | C | |
| REGANCREST MILKMAN TIFFANY | 840003126697445 | | | | | | 3 |
| REGANCREST MILKMAN TORA | USA 71298716 | | | | | | 1 |
| REGANCREST MILKMANS BABY | USA 71298276 | | | | | | |
| REGANCREST MILLION BETHE-ET | USA 66624912 | | | | | | |
| REGANCREST MM MISTY | USA 71298631 | | | | | | |
| REGANCREST MOGUL ARDARA | USA 71298004 | | | | | | |
| REGANCREST MOGUL ARTSY | USA 71298038 | | | | | | |
| REGANCREST MOGUL ASIA | 840003130725291 | | | | | | |
| REGANCREST MOGUL BRINA-ET | USA 71297909 | | | | | | |
| REGANCREST MOGUL DANCER-ET | USA 71298016 | | | | | | |
| REGANCREST MOGUL DENELLE-ET | USA 71298020 | | | | | | |
| REGANCREST MOGUL DIANA-ET | USA 71298009 | | | | | | |
| REGANCREST MOGUL EVESSA | 840003130725330 | | | | | | |
| REGANCREST MOGUL IMAGE | USA 71298032 | | | | | | |
| REGANCREST MOGUL RAQUEL | 840003134518392 | | | C | | | |
| REGANCREST MONT IRAYORA | 840003126697566 | | | | | | |
| REGANCREST MONTEREY BAYE-ET | 840003126697494 | | | | | | |
| REGANCREST MONTEREY BELL | 840003134518385 | | | | | | |
| REGANCREST MONTEREY MAY-ET | 840003130725409 | | | | | | |
| REGANCREST MONTEREY TALA | 840003130725280 | | | | | | |
| REGANCREST MONTEREY-ET | 840003130725417 | | | | | | |
| REGANCREST MS BALERINA | 840003130725189 | | | | | | |
| REGANCREST MS BELLE-ET | USA 66625181 | | | | | | |
| REGANCREST MS BENTINA-ET | USA 66624781 | | | | | | |
| REGANCREST MS BRIELLE-ET | USA 66624790 | | | | | | |
| REGANCREST MS CALYPSO | 840003130725340 | | | | | | |
| REGANCREST MS CHANTELL | USA 71298692 | C | | | | | |
| REGANCREST MS GOLD FERLY | USA 70242993 | | | | | | |
| REGANCREST MS KIMBERLINA | USA 70242994 | | | | | | |
| REGANCREST MS PAULINA-TW | 840003130725198 | | | | | | |
| REGANCREST MS PAULINE-TW | 840003130725199 | | | | | C | |
| REGANCREST MS RIOGRAND | 840003130725195 | | | | | | |
| REGANCREST MS TEASE-ET | USA 71298288 | | | | | | |
| REGANCREST MUSCADET BENISAZ | 840003130725304 | | | | | | |
| REGANCREST MYS FERN | 840003130725341 | | | | | | |
| REGANCREST MYSTER M 8372 | 840003130725352 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST MYSTERM BEDELLA | 840003130725265 | | | C | | | |
| REGANCREST MYSTERM CARA | 840003130725271 | | | | | | |
| REGANCREST MYSTICAL | USA 71298491 | C | | | | | 3 |
| REGANCREST N PASSION-ET | USA 70242836 | | | | | | |
| REGANCREST N PEDORA-ET | USA 70242770 | | | | | | |
| REGANCREST NIAGRA ISLA-ET | USA 66625629 | | | | | | |
| REGANCREST NU BARBIE-ET | USA 71298606 | | | | | | |
| REGANCREST NU BENEA-ET | USA 71298118 | | | | | | |
| REGANCREST NU BENISHA-ET | USA 71298119 | | | | | | |
| REGANCREST NU BROOKLAND-ET | USA 71298128 | | | | | | |
| REGANCREST NU COVERGIRL-ET | USA 71297925 | | | | | | |
| REGANCREST NU SHARLET-ET | USA 71298153 | | | | | | |
| REGANCREST NU SHARLISE-ET | USA 71298156 | | | | | | |
| REGANCREST NU SHASTA-ET | USA 71298142 | | | | | | |
| REGANCREST NU SHASTY-ET | USA 71298171 | | | | | | |
| REGANCREST NUMERO ARYANA-ET | USA 71297989 | | | | | | |
| REGANCREST O ARTISTIC | 840003130725321 | | | | | | |
| REGANCREST O BARIA | USA 71298796 | | | | | | |
| REGANCREST O CATRINA-ET | USA 66625613 | | | | | | |
| REGANCREST O DESTINY-ET | USA 71298415 | | | | | | |
| REGANCREST O DULCI-TW | 840003130725375 | | | | | | |
| REGANCREST O DULCIA-TW | 840003130725376 | | | | | | |
| REGANCREST O PACIFICA-ET | USA 66625582 | | | | | | |
| REGANCREST O PAIGE-ET | USA 66625579 | | | | | | |
| REGANCREST O PANSIE | 840003130725337 | | | | | | |
| REGANCREST O PATIENCE-ET | USA 66625573 | | | | | | |
| REGANCREST O PEARL-ET | USA 66625575 | | | | | | |
| REGANCREST O RAPUNZEL-ET | USA 71298628 | | | C | | | |
| REGANCREST O SHEEK-ET | USA 71298436 | | | | | | |
| REGANCREST OAK BENA-ET | USA 71298440 | | | | | | |
| REGANCREST OAK BESHARA-ET | USA 71298433 | | | | | | |
| REGANCREST OAK DESI-ET | USA 71298418 | | | | | | |
| REGANCREST OAK DESIGN-ET | USA 71298413 | | | | | | |
| REGANCREST OAK DESIRE-ET | USA 71298393 | | | | | | |
| REGANCREST OAK JEMA-ET | USA 71298454 | | | | | | |
| REGANCREST OAK JINESSA-ET | USA 71298506 | | | | | | |
| REGANCREST OAK RAE-ET | USA 71298456 | | | | | | |
| REGANCREST OAK RENA-ET | USA 71298450 | | | | | | |
| REGANCREST OAK SHINEKA-ET | USA 71298545 | | | | | | |
| REGANCREST OAK TRUDIE | USA 71298788 | | | | | C | |
| REGANCREST OAKLEY ABBY | 840003130725269 | | | | | | |
| REGANCREST OAKLEY ANN-TW | 840003130725276 | | | | | | |
| REGANCREST OAKLEY ANNIE-TW | 840003130725277 | | | | | | |
| REGANCREST OAKLEY BERRY | 840003130725270 | | | | | | |
| REGANCREST OAKLEY CLOVE | 840003130725294 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST OAKLEY SALMA | 840003130725286 | | | | | | |
| REGANCREST OBSERV BENISH-TW | USA 70242989 | | | | | | |
| REGANCREST OBSERVER BOMBAY | USA 71298778 | | | | | | |
| REGANCREST OC BREALYN-ET | USA 71298129 | | | | | | |
| REGANCREST OC BRITNEY-ET | USA 71298130 | | | | | C | |
| REGANCREST ODADDY 7272-ET | USA 71298094 | | | | | | |
| REGANCREST ODADDY 7276-ET | USA 71298098 | | | | | | |
| REGANCREST OLIANA-ET | 840003130725418 | | | | | | |
| REGANCREST OLYMPIAN BABE | 840003126697370 | | | | | | |
| REGANCREST OLYMPIAN BENASA | 840003130725278 | | C | | | | |
| REGANCREST OLYMPIAN CADORA | 840003126697500 | | | | | | |
| REGANCREST OLYMPIAN DOTTI | 840003130725303 | | | | | | |
| REGANCREST OLYMPIAN RITZ-ET | USA 71298714 | | | | | | |
| REGANCREST OLYMPIAN ROSE-ET | USA 71298708 | | | | | | |
| REGANCREST OLYMPIAN ROZ-ET | USA 71298722 | | | | | | |
| REGANCREST OLYMPIAN ROZA-ET | USA 71298718 | | | | | | |
| REGANCREST ONDREA-ET | 840003130725423 | | | | | | |
| REGANCREST ONORA-ET | 840003130725427 | | | | | | |
| REGANCREST OP BREANA | 840003126697539 | | | | | | |
| REGANCREST OP ROCKSTAR-ET | 840003130725353 | | | | | | 1 |
| REGANCREST OPENNY-ET | 840003130725450 | | | | | | |
| REGANCREST OPINES 7456-ET | USA 71298278 | | | | | | |
| REGANCREST OPINES 7464-ET | USA 71298286 | | | | | | |
| REGANCREST OPINES 7472-ET | USA 71298294 | | | | | | |
| REGANCREST OPINES OASIS-ET | USA 71298297 | | | | | | |
| REGANCREST OPINES OLEETA-ET | USA 71298539 | | | | | | |
| REGANCREST OPINES OLORA-ET | USA 71298307 | | | | | | |
| REGANCREST OPINES OLORE-ET | USA 71298301 | | | | | | |
| REGANCREST OPINES OPAL-ET | USA 71298277 | | | | | | |
| REGANCREST OPINES ORA-ET | USA 71298270 | | | | | | |
| REGANCREST OPPOR KIMMIE | 840003126697554 | | | | | | |
| REGANCREST ORIN BRIONA | 840003130725292 | | | | | | |
| REGANCREST ORION DOVINA | 840003130725200 | | | | | | |
| REGANCREST OS TINAYA-ET | USA 70242865 | | | | | | |
| REGANCREST OSTYL BRIANNA-ET | USA 70242825 | | | C | | | 3 |
| REGANCREST OSTYLE ALAYNE-ET | USA 70242790 | | | | | | |
| REGANCREST OSTYLE ALDORA-ET | USA 70242799 | | | C | | | |
| REGANCREST OSTYLE ALEA-ET | USA 70242798 | | | | | | |
| REGANCREST OSTYLE BASYL-ET | USA 70242782 | | | C | | | |
| REGANCREST OSTYLE BRIZO | USA 70242946 | | | C | | | |
| REGANCREST OSTYLE FAITH | 840003126697365 | | | | | | |
| REGANCREST OZALEA-ET | USA 71298620 | | | | | | |
| REGANCREST P MYSTY-ET | USA 71298428 | C | | | | | 3 |
| REGANCREST P OLIANA-ET | 840003126697462 | | | | | | |
| REGANCREST P OLIVIA-ET | 840003126697472 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST P SNOBEL 7681-ET | USA 71298503 | | | | | | |
| REGANCREST P SNOBEL 7683-ET | USA 71298505 | | | | | | |
| REGANCREST P SNOBEL 7685-ET | USA 71298507 | | | | | | 3 |
| REGANCREST P SNOBEL 7686-ET | USA 71298508 | | | C | | | 3 |
| REGANCREST P SNOBEL 7687-ET | USA 71298509 | | | | | | 3 |
| REGANCREST P SNOBEL 7688-ET | USA 71298510 | | | | | | 3 |
| REGANCREST PARADISE ARLIN | USA 71298554 | | | | | | |
| REGANCREST PARADISE BELSARA | USA 71298458 | | | | | | |
| REGANCREST PARADISE BRYELL | USA 71298391 | | | | | | |
| REGANCREST PARADISE DANA | USA 71297936 | | | | | | |
| REGANCREST PARADISE IRELAND | USA 71297939 | | | | | | |
| REGANCREST PARADISE MALLY | USA 71298232 | | | | | | |
| REGANCREST PARADISE PARIS | USA 71298521 | | | | | | |
| REGANCREST PARADISE RENI | USA 71297938 | | | | | | |
| REGANCREST PARADISE SHARLIA | 840003126697386 | | | | | | |
| REGANCREST PARADISE TAZ | USA 71297913 | | | | | | 1 |
| REGANCREST PARADISES BEST | USA 71298726 | | | | | | |
| REGANCREST PETRON BESHAY-ET | USA 71297887 | | | | | | |
| REGANCREST PLANET BARBY-ET | USA 64943482 | | | | | | |
| REGANCREST PLANET BEIGE-ET | USA 66624987 | | | | | | |
| REGANCREST PLANET BELLAIRE | USA 64943507 | | | | | | |
| REGANCREST PLANET BRE | USA 71298175 | | | | | C | |
| REGANCREST PLANET BRIT | USA 66625168 | | | | | | 1 |
| REGANCREST PLANET INSIGHT | USA 66624999 | | | | | | |
| REGANCREST PLANET IRISH | USA 66624844 | | | | | | |
| REGANCREST PLANET IVORY-TW | USA 71298399 | | | | | | |
| REGANCREST PLANET IVY-TW | USA 71298400 | | | | | | |
| REGANCREST PLANET MARLO | USA 66625598 | | | | | | |
| REGANCREST PLATINUM 7465-ET | USA 71298287 | | | C | | | |
| REGANCREST PLATINUM 7505-ET | USA 71298327 | | | C | | C | |
| REGANCREST PLATINUM SHAR-ET | USA 71298295 | | | C | | | |
| REGANCREST POWER OSARIA-ET | 840003126697567 | | | | | | |
| REGANCREST PR BEYONCA-ET | USA 64943239 | | | | | | 3 |
| REGANCREST PR BEYOND-ET | USA 64943144 | | | | | | 3 |
| REGANCREST PRE BELIEVER | USA 71298556 | | | | | | |
| REGANCREST PRE DENISE-ET | USA 71298467 | | | | | | 3 |
| REGANCREST PRE DES-ET | USA 71298453 | | | | | | 3 |
| REGANCREST PRE DESORA-ET | USA 71298471 | | | | | | 3 |
| REGANCREST PRE DESTINA-ET | USA 71298459 | | | | | | |
| REGANCREST PRE KENZA-ET | USA 71298479 | | | | | | 3 |
| REGANCREST PREDESTINE CELIA | USA 71298654 | | | | | | |
| REGANCREST PREDESTINE CLARA | USA 71298810 | | | | | | |
| REGANCREST PREDESTINE DYNA | 840003126697368 | | | | | | 3 |
| REGANCREST PREDESTINE SONJA | USA 71298586 | | | | | | 3 |
| REGANCREST PULSAR COZUMEL | 840003126697473 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST PURE BELOVER | 840003126697367 | | | C | | | |
| REGANCREST PURE MAYANA-ET | 840003130725361 | | | | | | |
| REGANCREST PURE MELISSA-ET | 840003130725379 | | | | | | |
| REGANCREST PURE MULAN-ET | 840003130725323 | C | | | | | |
| REGANCREST PURE MYA-ET | 840003130725327 | | | | | | |
| REGANCREST PURE MYLAN-ET | 840003130725355 | C | | | | | |
| REGANCREST PURE MYSSY-ET | 840003130725332 | C | | | | | |
| REGANCREST R BEDELIA-ET | USA 66625564 | | | C | | | |
| REGANCREST R BELICIA-ET | USA 70242578 | | | | | C | |
| REGANCREST R BELINA-ET | USA 66625692 | | | | | | |
| REGANCREST R BELONA-ET | USA 66625683 | | | | | | |
| REGANCREST R BELONDI-ET | USA 70242580 | | | | | C | |
| REGANCREST R BLOOMIN-ET | USA 71297873 | | | | | | |
| REGANCREST R BUTTERFLY-ET | USA 71297871 | | | | | | |
| REGANCREST R INSIGHT-ET | USA 63606642 | | | | | | |
| REGANCREST R MARIELA-ET | 840003130725411 | | | | | | |
| REGANCREST R OCELIA-ET | 840003126697409 | | | | | | |
| REGANCREST R OLEISIA-ET | 840003126697402 | | | | | | |
| REGANCREST R OLISA-ET | 840003130725370 | | | | | | |
| REGANCREST RACER BENTLY-ET | 840003126697426 | | | | | | |
| REGANCREST RACER BESHARI-ET | 840003126697441 | | | | | | |
| REGANCREST RADIANT | USA 71298643 | | | | | | |
| REGANCREST RAMOS BARB | USA 66625624 | | | | | | |
| REGANCREST RAVISH PASHA | USA 70242745 | | | | | | |
| REGANCREST RAZOR HATTIE | USA 71298685 | | | | | | |
| REGANCREST RBST BLOSSOM-ET | USA 70243017 | | | | | | |
| REGANCREST ROB BELINA-ET | USA 70242579 | | | | | | |
| REGANCREST ROBUST BOLD-ET | USA 71298650 | | | | | | |
| REGANCREST ROBUST BRANDEE | 840003134518396 | | | | | | |
| REGANCREST ROBUST BRYNN-ET | USA 71298652 | | | | | | |
| REGANCREST ROSS BELLANCA-ET | USA 66625561 | | | C | | | |
| REGANCREST ROYALTY-ET | 840003130725317 | | | | | | |
| REGANCREST RUBICN CAYLIN-ET | 840003130725412 | | | C | | | |
| REGANCREST RUBYS RAE-ET | USA 71298623 | | | | | | |
| REGANCREST RYKER DELONY | USA 71298025 | | | | | | |
| REGANCREST S A BRAYLEE-ET | USA 66625037 | | | | | | 1 |
| REGANCREST S AT BROADWAY-ET | USA 70243008 | | | | | | |
| REGANCREST S AT BROOKLYN-ET | USA 70243007 | | | | | | |
| REGANCREST S BAILEY-ET | USA 66625484 | | | | | | |
| REGANCREST S BARETTA-ET | USA 66625359 | | | | | | |
| REGANCREST S BAYANA | 840003130725225 | | | | | | |
| REGANCREST S BELIEVABLE-ET | USA 70242931 | | | | | | |
| REGANCREST S BELIEVIN-ET | USA 71298059 | | | | | | |
| REGANCREST S BELOVED-ET | USA 71298027 | | | C | | | |
| REGANCREST S BERKELY-ET | USA 70242666 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST S BLESSING-ET | USA 70242670 | | | | | | |
| REGANCREST S BREENA-ET | USA 70242576 | | C | | | | |
| REGANCREST S BRIA-ET | USA 66625535 | | | | | | |
| REGANCREST S BRIAR | 840003130725438 | | | | | | |
| REGANCREST S BRITTON-ET | USA 70242619 | | | | | C | |
| REGANCREST S BYESHA-ET | USA 66625118 | | | | | | |
| REGANCREST S CASHMERE-ET | USA 64943422 | | | | | C | |
| REGANCREST S CELEBRITY-ET | USA 62496904 | | | | | C | |
| REGANCREST S CLARITY-ET | 840003130725274 | | | C | | | |
| REGANCREST S DASHA-ET | USA 66624862 | | | | | C | 1 |
| REGANCREST S DASHAY-ET | USA 66624866 | | | | | C | |
| REGANCREST S DASHE-ET | USA 66624860 | | | | | | |
| REGANCREST S DEMPSEY BIANY | USA 70242730 | | | | | | |
| REGANCREST S DIXI-ET | USA 70242636 | | | C | | C | |
| REGANCREST S G BEDASH-ET | USA 70242784 | | | | | | |
| REGANCREST S G BEDASHING-ET | USA 70242873 | | | | | | |
| REGANCREST S IOTA BAYTA | USA 70242667 | | | | | | |
| REGANCREST S IOTA BETIA | USA 70242663 | | | | | | |
| REGANCREST S IOTA BLISS-ET | USA 70242680 | | | | | | |
| REGANCREST S J BRYNDI-ET | USA 66625039 | | | | | | |
| REGANCREST S J PARADISE-ET | USA 66624894 | | | | | | |
| REGANCREST S J PARISS-ET | USA 66624898 | | | | | | |
| REGANCREST S L BRYANNA-ET | USA 70242831 | | | | | | |
| REGANCREST S L BRYNEA-ET | USA 70242757 | | | | | | 1 |
| REGANCREST S L BRYNELLA-ET | USA 70242758 | | | | | | |
| REGANCREST S LUXE-ET | USA 66624832 | | | | | | |
| REGANCREST S LUXOUS-ET | USA 66624836 | | | | | | |
| REGANCREST S M BASHFUL-ET | USA 66624845 | | | | | | |
| REGANCREST S M BLYSS-ET | USA 66624842 | | | | | | |
| REGANCREST S OCTOBER-ET | 840003130725408 | | | | | | |
| REGANCREST S PLANET BARINDA | USA 66625286 | | | | | | |
| REGANCREST S PRIZM-ET | USA 66624979 | | | | | | |
| REGANCREST S-ROCK CHITA-ET | USA 70242905 | | | | | | |
| REGANCREST SANCHEZ BELL-ET | USA 66625211 | | | | | | |
| REGANCREST SANCHEZ BLAIR-ET | USA 66625219 | | | | | C | |
| REGANCREST SANCHEZ BREEA-ET | USA 66625234 | | | | | C | |
| REGANCREST SANDY TYA | USA 66624922 | | | | | | |
| REGANCREST SATCHEL BARI-RED | USA 71298230 | | | | | | |
| REGANCREST SG ARTISTIC | USA 71298699 | | | | | | |
| REGANCREST SG CISTA-TW | USA 71298730 | | | | | | |
| REGANCREST SHAMROCK BETH | USA 70243004 | | | | | | |
| REGANCREST SHAMROCK BRIGHT | USA 70242808 | | | | | | |
| REGANCREST SHAMROCK CASI | USA 70242954 | | | | | | |
| REGANCREST SHAMROCK CLOVER | USA 70243028 | | | | | | |
| REGANCREST SHAMROCK IRISH | USA 70242961 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST SHAMROCK LAKE-TW | USA 70242894 | | | | | | |
| REGANCREST SHAMROCK LAVA-TW | USA 70242895 | | | | | | |
| REGANCREST SHAN DASTIC-ET | USA 71298534 | | | | | | |
| REGANCREST SHAN DORA-ET | USA 71298527 | | | | | | |
| REGANCREST SHAN DOVAS-ET | USA 71298531 | | | | | | |
| REGANCREST SHANDOAH-RED-ET | USA 71298529 | | | | | | |
| REGANCREST SHANO ROSIE | 840003126697396 | | | | | | |
| REGANCREST SHMRK CELTIC-ET | USA 70242780 | | | | | | |
| REGANCREST SHMRK ISA-ET | USA 70242812 | | | | | | |
| REGANCREST SHMRK ISRA-ET | USA 70242811 | | | | | | |
| REGANCREST SHOT IOLA CRI-ET | USA 62398804 | | | | | | |
| REGANCREST SHOT IRIS CRI-ET | USA 62398798 | | | | | C | |
| REGANCREST SHOTGLASS ILLYSA | USA 71298513 | | | | | | |
| REGANCREST SHOTTLE BECKA | USA 71298791 | | C | | | | |
| REGANCREST SHOTTLE GOLDSTAR | 840003126697443 | | | | | | |
| REGANCREST SHOTTLE ILENE-ET | USA 62496817 | | | | | C | |
| REGANCREST SHOTTLE ILI-ET | USA 62496811 | | | | | C | |
| REGANCREST SILVER BEANIE-ET | 840003130725446 | | | | | | |
| REGANCREST SILVER BETHANA | 840003130725410 | | | | | | |
| REGANCREST SILVER BIENNE-ET | 840003130725453 | | | | | | |
| REGANCREST SILVER IRLANA-ET | 840003134518389 | | | | | | |
| REGANCREST SILVER JEWEL | 840003134518386 | | | | | | |
| REGANCREST SILVER ONI-ET | 840003130725414 | | | | | | |
| REGANCREST SMURF AMANDA-ET | USA 71298480 | | | | | | |
| REGANCREST SMURF AMARA-ET | USA 71298474 | | | C | | | |
| REGANCREST SMURF BRENA | USA 71298411 | | | C | | | |
| REGANCREST SMURF BRITT | USA 71298422 | | | | | | |
| REGANCREST SMURF CANDRA | USA 71298489 | | | C | | | |
| REGANCREST SN MILKMAN BELL | 840003126697452 | | | | | | |
| REGANCREST SNOW BREYELLE-ET | USA 70242665 | | | C | | | |
| REGANCREST SNOW PARADISE-ET | USA 70242668 | | | C | | | |
| REGANCREST SNOW PRINCESS-ET | USA 70242951 | | | | | | |
| REGANCREST SNOWHITE-ET | USA 71298002 | | | C | | | |
| REGANCREST SPEAKER BELLA | 840003130725228 | | | | | | 1 |
| REGANCREST SROCK BELL-ET | USA 70242892 | | | | | | |
| REGANCREST SS BAYROSE-ET | 840003126697513 | | | | | | |
| REGANCREST SS BEAUTI-ET | USA 71298229 | | | | | | |
| REGANCREST SS BELA-ET | 840003126697519 | | | | | | |
| REGANCREST SS BREEZE-ET | 840003126697509 | | | | | | |
| REGANCREST SS BRITT | USA 71298560 | | | | | | |
| REGANCREST SS CANDY | USA 71298574 | | | | | | |
| REGANCREST SS CAROMA | USA 71298551 | | | | | | |
| REGANCREST SS DALLA-ET | USA 71298593 | | | | | | |
| REGANCREST SS DALORA-ET | USA 71298589 | | | | | | |
| REGANCREST SS DAYLA-ET | USA 71298580 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST SS DAYLITE-ET | USA 71298576 | | | | | | |
| REGANCREST SS DEBUTE-ET | USA 71298568 | | | | | | |
| REGANCREST SS DOLL-ET | USA 71298596 | | | | | | |
| REGANCREST SS LYNDA-ET | USA 71298240 | | | | | | 1 |
| REGANCREST SS RAZEL-ET | 840003130725249 | | | | | | |
| REGANCREST SS RHYME-ET | 840003130725258 | | | | | | |
| REGANCREST SS SUNFIRE | USA 71298533 | | | | | | |
| REGANCREST STYLE LYNELLE | USA 71298682 | | | | | | |
| REGANCREST STYLE MYSS-ET | USA 71298584 | C | | | | | |
| REGANCREST STYLE MYST-ET | USA 71298598 | | | | | | |
| REGANCREST STYLE OPALE-ET | USA 71298577 | | | | | | |
| REGANCREST STYLE OPHELIA-ET | USA 71298572 | | | | | | |
| REGANCREST STYLE OPINA-ET | USA 71298597 | | | | | | |
| REGANCREST SUDAN CANDICE-ET | USA 71297941 | | | | | | |
| REGANCREST SUDAN CANELLA-ET | USA 71297947 | | | | | | |
| REGANCREST SUPER ANN-TW-ET | USA 66625415 | | | | | | |
| REGANCREST SUPER ANNI-TW-ET | USA 66625414 | | | | | | |
| REGANCREST SUPER CADRIAN-ET | USA 66625428 | | | | | | |
| REGANCREST SUPER CARISMATIC | USA 66625315 | | | | | | |
| REGANCREST SUPER SHARI-ET | USA 66625367 | | | | | | |
| REGANCREST SYMPATICO CADDY | USA 71298291 | | | C | | | |
| REGANCREST SYMPATICO SHELIA | USA 71298242 | | | C | | | |
| REGANCREST SYPATICO CAL | USA 71298332 | | | C | | | |
| REGANCREST T BENISHE-ET | USA 71298614 | | | | | | |
| REGANCREST T BENSHIRA-ET | USA 71298615 | | C | | | | |
| REGANCREST T OLISA-ET | USA 71298713 | | | | | | |
| REGANCREST TAB | 840003130725333 | | | | | | |
| REGANCREST TABBER ADELA | USA 71298442 | | | C | | | |
| REGANCREST TABBER CINDA | USA 71298549 | | | | | | |
| REGANCREST TABBER TATUM | USA 71298446 | | | | | | |
| REGANCREST TALLY | USA 71298621 | | | | C | | 1 |
| REGANCREST TAZZ | USA 66625699 | | | | | | |
| REGANCREST TEACHER TAMI | 840003126697410 | | | | | | |
| REGANCREST THRONE BRANDI-ET | USA 61361640 | | | | | | |
| REGANCREST TIME CALALILY | USA 66625346 | C | | | | | |
| REGANCREST TITANIC DARIA-ET | USA 61361802 | | | | | | 1 |
| REGANCREST TS BENISSA-ET | USA 62497223 | | | | | | |
| REGANCREST TS BENSHAE-ET | USA 62497232 | | | | | | |
| REGANCREST TS BRITNEE-ET | USA 63606489 | | | | | | |
| REGANCREST TS LIANA-ET | USA 63606449 | | | | | | 1 |
| REGANCREST UNIX DENALI | 840003126697378 | | | | | | |
| REGANCREST VOTTO BREE-ET | 840003126697480 | | | | | | |
| REGANCREST WARGO BOUNTIFUL | USA 74063613 | | | | | | |
| REGANCREST WICKHAM BAILEY | 840003130725250 | | C | | | | |
| REGANCREST WICKHAM BREE | 840003130725215 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST WICKHAM MORA-TW | 840003130725295 | | | | | | 1 |
| REGANCREST WICKHAM TAYE | 840003130725221 | | | | | | |
| REGANCREST WIFI PENNIE | 840003130725429 | | | | | | |
| REGANCREST WILLPOWER SHALA | 840003126697376 | | | | | | 1 |
| REGANCREST YODER MARJO-ET | 840003134518398 | | | | | C | |
| REGANCREST YODER MARLEE-ET | 840003134518395 | | | C | | | |
| REGANCREST ZADE CALLI | 840003126697540 | | | | | | |
| REGANCREST ZP OPERINA | 840003130725312 | | | | | | |
| REGANCREST ZUMBA ADA | 840003130725240 | | | | | | |
| REGANCREST-ALH BOOTZ-ET | USA 63606621 | | | | | | |
| REGANCREST-ALH BRANDICE-ET | USA 63606588 | | | | | | |
| REGANCREST-BC L RAIN-RED-ET | USA 71298656 | | | | | | |
| REGANCREST-BC LP RAE-ET | USA 71298649 | | | | | | |
| REGANCREST-BC O RALENA-ET | USA 71298705 | | | | | | |
| REGANCREST-BC O RAZZLE-ET | USA 71298659 | | | | | | |
| REGANCREST-BC O ROSA-ET | 840003130725248 | | | | | | |
| REGANCREST-BC OVER RITZ-ET | 840003130725254 | | | | | | |
| REGANCREST-BC RACEY-ET | 840003130725267 | | | | | | |
| REGANCREST-BC RADELLA-ET | 840003126697544 | | | | | | |
| REGANCREST-BC RADICAL-ET | USA 71298797 | | | | | | |
| REGANCREST-BC RALESA-RED-ET | USA 71298790 | | | | | | |
| REGANCREST-BC RASHA-RED-ET | 840003130725206 | | | | | | |
| REGANCREST-BC RIO-ET | 840003126697538 | | | | | | |
| REGANCREST-BC RISKY-ET | 840003130725256 | | | | | | |
| REGANCREST-BDE DREAMS | USA 125492162 | | | | | | |
| REGANCREST-BH 7556 | USA 71298378 | | | | | | |
| REGANCREST-BH A DELICATE | USA 66624749 | | | | | | |
| REGANCREST-BH ATWD DIMPLES | USA 66625331 | | | | | | |
| REGANCREST-BH B DELINA-ET | USA 64943080 | | | | | | |
| REGANCREST-BH B DIXIE-ET | USA 64943105 | | | | | | |
| REGANCREST-BH B FASHIONABLE | USA 71298285 | | | | | | |
| REGANCREST-BH BNKROLL FASHA | 840003134518388 | | | | | | |
| REGANCREST-BH BRADNICK KRYS | USA 71298337 | | | | | | |
| REGANCREST-BH C GABRIA-ET | USA 70243006 | | | | | | 1 |
| REGANCREST-BH C GERNI-ET | USA 70243009 | | | | | | |
| REGANCREST-BH CHERISSA | USA 71298041 | | | | | C | 1 |
| REGANCREST-BH CLARK FALA | USA 70242820 | | | | | | |
| REGANCREST-BH COLTP FIFI | USA 71298611 | | | | | C | 1 |
| REGANCREST-BH DAPHANE-ET | USA 64943167 | | | | | | |
| REGANCREST-BH DARA-ET | USA 64943439 | | | | | | |
| REGANCREST-BH DARICE-ET | USA 66625510 | | | | | | |
| REGANCREST-BH DIMPLE-ET | USA 64943163 | | | | | | |
| REGANCREST-BH DIXIE-ET | USA 64943164 | | | | | | |
| REGANCREST-BH DOM FASHA-ET | USA 66625569 | | | | | | |
| REGANCREST-BH DOMAIN GIA | USA 66625704 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-BH DRFTER CHERRI | 840003130725302 | | | | | | |
| REGANCREST-BH DUCHESS-ET | USA 64943431 | | | | | C | |
| REGANCREST-BH EPIC FIERRE | USA 71298055 | | | | | C | |
| REGANCREST-BH F GEMMA-ET | USA 66625655 | | | | | | |
| REGANCREST-BH F GENEVA-ET | USA 66625633 | | | | | | 1 |
| REGANCREST-BH F GIADA-ET | USA 66625643 | | | | | | 1 |
| REGANCREST-BH F GIANNA-ET | USA 66625631 | | | | | | 1 |
| REGANCREST-BH F GINERA-ET | USA 66625644 | | | | | | 1 |
| REGANCREST-BH F GISELLA-ET | USA 66625634 | | | | | | 1 |
| REGANCREST-BH FB GALILA-ET | USA 70242965 | | | | | | 1 |
| REGANCREST-BH FB GALYA-ET | USA 70242966 | | | | | | 1 |
| REGANCREST-BH FB GEVIRA-ET | USA 70242964 | | | | | | |
| REGANCREST-BH FB GRACE-ET | USA 70242975 | | | | | | |
| REGANCREST-BH FB GYPSY-ET | USA 70242967 | | | | | | |
| REGANCREST-BH GALI-TW | 840003126697439 | | | | | | |
| REGANCREST-BH GAZA | 840003126697373 | | | | | | |
| REGANCREST-BH GOLD MAGGI-ET | USA 71298218 | | | | | | |
| REGANCREST-BH GOLDC MAGENTA | USA 70242991 | | | | | | |
| REGANCREST-BH H GALENA-ET | USA 71297994 | | | | | | 1 |
| REGANCREST-BH H GENISTA-ET | USA 71297985 | | | | | | |
| REGANCREST-BH HERO FARA | USA 71298336 | | | | | | |
| REGANCREST-BH J JULAYNE-ET | USA 64943250 | | | | C | | |
| REGANCREST-BH JABIR JULIE | USA 71298490 | | | | | | |
| REGANCREST-BH M GRACE-ET | USA 71298030 | | | | | | 1 |
| REGANCREST-BH MS FELICITY | USA 71298800 | | | | | | |
| REGANCREST-BH MT GALATIC-TW | 840003126697438 | | | | | | |
| REGANCREST-BH NU GAZELLA-ET | USA 71297917 | | | | | | 1 |
| REGANCREST-BH NU GAZELLE-ET | USA 71297918 | | | | | | 1 |
| REGANCREST-BH NU GEM-ET | USA 71297929 | | | | | | 1 |
| REGANCREST-BH NU GIFT-ET | USA 71297923 | | | | | | 1 |
| REGANCREST-BH NU GIRL-ET | USA 71297922 | | | | | | 1 |
| REGANCREST-BH O GALAXY-ET | USA 66625574 | | | | | | |
| REGANCREST-BH O GALLORY-ET | USA 66625586 | | | | | | |
| REGANCREST-BH O GLISS | USA 70242595 | | | | | C | |
| REGANCREST-BH OAKLEY FAIRY | 840003130725279 | | | | | | |
| REGANCREST-BH OBSVR DELA | USA 70242570 | | | | | | |
| REGANCREST-BH PLANET DEMIZE | USA 66625280 | | | | | | |
| REGANCREST-BH PR DEMI-ET | USA 64943168 | | | | | | |
| REGANCREST-BH S DAIRA-ET | USA 66625518 | | | | | | |
| REGANCREST-BH S DECCA-ET | USA 66625520 | | | | | | |
| REGANCREST-BH S DELICATE-ET | USA 64943454 | | | | | C | |
| REGANCREST-BH S GABRIEL-ET | USA 66625532 | | | | | | |
| REGANCREST-BH S GABRIELA-ET | USA 66625528 | | | | | | |
| REGANCREST-BH SCTS ZIPPO | USA 65885193 | | | | | | |
| REGANCREST-BH SG DONELLE | USA 71298678 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-BH SILVER GABORA | 840003130725434 | | | | | | 1 |
| REGANCREST-BH SMRK JULES-ET | USA 70242810 | | | | | | |
| REGANCREST-BH SNOW GLOBE-ET | USA 70242637 | | | | | | |
| REGANCREST-BH SPEAKER GIGI | 840003126697422 | | | | | | 1 |
| REGANCREST-BH SS FIONA | USA 71298564 | | | | | C | |
| REGANCREST-BH SUPER DELISH | USA 66625310 | | | | | | |
| REGANCREST-BH SYMP GILDA | USA 71298328 | | | | | | |
| REGANCREST-BH T DELYTE-ET | USA 66625549 | | | | | | |
| REGANCREST-BH T GEVA | 840003130725213 | | C | | | | |
| REGANCREST-BH TANGO DAZ-ET | USA 71298733 | | C | | | | |
| REGANCREST-BH TANGO TARA-ET | USA 71298748 | | C | | | | |
| REGANCREST-BH TRULY-RED-ET | USA 71297990 | | | | | | |
| REGANCREST-BH TS DAICY-ET | USA 62497255 | | | | | | |
| REGANCREST-BH TS DALLA-ET | USA 63606443 | | | | | | |
| REGANCREST-BK MIGHTY RAZZA | 840003130725381 | C | | | | | |
| REGANCREST-DH M BESA-ET | USA 71298204 | | | | | | |
| REGANCREST-DH M BESSANE-ET | USA 71298205 | | | | | | |
| REGANCREST-DH M BESSANY-ET | USA 71298209 | | | | | | |
| REGANCREST-DK I IRAYZI-ET | USA 70242673 | | | | | | |
| REGANCREST-DK IOTA IRAYA-ET | USA 70242671 | | | | | | |
| REGANCREST-DK IRLAINA-ET | USA 70242715 | | | | | | |
| REGANCREST-DK J IRLA-ET | USA 71298602 | | | | | | |
| REGANCREST-DK J IRLANA-ET | USA 71298599 | | | | | | |
| REGANCREST-DK M SARAYA-ET | 840003126697515 | | | | | | |
| REGANCREST-DK M SASHA-ET | 840003126697516 | | | | | | |
| REGANCREST-DK MIGHTY CUTE | USA 71298779 | C | | | | | |
| REGANCREST-DK MS SARAI-ET | 840003126697524 | | | | | | |
| REGANCREST-DK MS SHASTA-ET | 840003126697525 | | | | | | |
| REGANCREST-DK O SHASHA-ET | USA 71298528 | | | | | | |
| REGANCREST-GV ATWOOD BRYNNA | 840003126697504 | | | | | | |
| REGANCREST-GV BALINNA-ET | USA 66625524 | | | | | | |
| REGANCREST-GV BEHAPPY-ET | USA 70242572 | | | | | | |
| REGANCREST-GV BIANCA-ET | USA 71297824 | | | | | | 1 |
| REGANCREST-GV BREENA-ET | USA 66625424 | | | | | | |
| REGANCREST-GV BREILA-ET | USA 66625238 | | | | | | |
| REGANCREST-GV BRENLEE-ET | USA 66625040 | | C | | | | |
| REGANCREST-GV BRENNAH-ET | USA 66625038 | | | | | | |
| REGANCREST-GV BREYANA-ET | USA 66624733 | | | | | | |
| REGANCREST-GV BREYELLA-ET | USA 66624743 | | | | | | |
| REGANCREST-GV BREYTA-ET | USA 71297846 | | | | | | |
| REGANCREST-GV BRIAR-ET | USA 66625429 | | | | | | |
| REGANCREST-GV BRIE-ET | USA 66625430 | | | | | | |
| REGANCREST-GV BRIT-ET | USA 70243003 | | | | | | 1 |
| REGANCREST-GV BRITANY-ET | USA 70242996 | | | | | | |
| REGANCREST-GV COLTP BRITANY | USA 71298319 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-GV D BRYNNA | USA 70242871 | | | | | | |
| REGANCREST-GV F BRITTANY-ET | USA 70242906 | | | | | | |
| REGANCREST-GV F BRYNLEE-ET | USA 71298101 | | | | | | |
| REGANCREST-GV FRD BALI-ET | USA 66625529 | | | | | | |
| REGANCREST-GV G BRIELLA-ET | USA 70242821 | | | | | | |
| REGANCREST-GV G BRIELLE-ET | USA 70242816 | | | | | | |
| REGANCREST-GV G BRYE-ET | USA 70242824 | | | | | | |
| REGANCREST-GV G BRYSA-ET | USA 70242778 | | | | | | |
| REGANCREST-GV GOLD BREYA-ET | USA 71298388 | | | | | | |
| REGANCREST-GV HI BREA-ET | USA 71297964 | | | | | | |
| REGANCREST-GV HI BREE-ET | USA 71297969 | | | | | | |
| REGANCREST-GV HI BREEZE-ET | USA 71297991 | | | | | | |
| REGANCREST-GV HI BRIGHT-ET | USA 71298000 | | | | | | |
| REGANCREST-GV J BRASSY-ET | USA 66625197 | | | | | | |
| REGANCREST-GV J BREEZE-ET | USA 66625174 | | | | | | |
| REGANCREST-GV L BRAZANY-ET | USA 71298089 | | | | | | |
| REGANCREST-GV L BRAZELA-ET | USA 71298087 | | | | | | |
| REGANCREST-GV L BRAZINA-ET | USA 71298091 | | | | | | |
| REGANCREST-GV O BRAZALIA-ET | USA 66625662 | | | | | | |
| REGANCREST-GV O BRAZELLE-ET | USA 66625610 | | | | | | |
| REGANCREST-GV P BETH-ET | USA 70242621 | C | | | | | |
| REGANCREST-GV P BETHAN-ET | USA 70242639 | C | | | | | |
| REGANCREST-GV P BETHANY-ET | USA 70242626 | | | | | | |
| REGANCREST-GV P BETHEA-ET | USA 70242629 | C | | | | | |
| REGANCREST-GV P BETHI-ET | USA 70242635 | | | | | | |
| REGANCREST-GV P BREYELLA-ET | USA 66625237 | | | | | | |
| REGANCREST-GV R BRAYA-ET | USA 66625689 | | | | | | |
| REGANCREST-GV R BREYONA-ET | USA 66625698 | | | | | | |
| REGANCREST-GV S BRYNA-ET | USA 66625123 | | | | | | |
| REGANCREST-GV S BRYNN-ET | USA 66625116 | | | | | | |
| REGANCREST-GV SNOW BELL-ET | USA 70242941 | | | C | | | |
| REGANCREST-GV SNOW BRIDE-ET | USA 71298028 | | | C | | | |
| REGANCREST-GV SNOW BRITE-ET | USA 70242659 | | | | | | |
| REGANCREST-GVH ANALUISE-ET | USA 71297943 | | | | | | |
| REGANCREST-GVH ARINA-ET | USA 66625605 | | | | | | |
| REGANCREST-GVH ARISTICA-ET | USA 71297843 | | | | | | |
| REGANCREST-GVH ARIZONA-ET | USA 66625684 | | | | | | |
| REGANCREST-GVH ASHLAND-ET | USA 71297953 | | | | | | |
| REGANCREST-GVH ASHLEY-ET | USA 71297963 | | | | | | |
| REGANCREST-GVH ASHTON-ET | USA 71297954 | | | | | | |
| REGANCREST-GVH ASPEN-ET | USA 66625676 | | | | | | |
| REGANCREST-GVH ATWD ARA-ET | USA 71297882 | | | | | | |
| REGANCREST-GVH G ALBERTA-ET | USA 66625686 | | | | | | 1 |
| REGANCREST-GVH HERO ASPIRE | USA 71298221 | | | | | | |
| REGANCREST-GVH O ADIRA-ET | USA 66625621 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-GVH O ARIEL-ET | USA 66625602 | | | | | | |
| REGANCREST-HH M MACI | USA 71298169 | | | | | | |
| REGANCREST-HH MERCEDES | USA 70242929 | | | | | | |
| REGANCREST-HH MS MACEE | 840003130725447 | | | C | | | |
| REGANCREST-HH MS MERCURY | 840003130725222 | | | | | | |
| REGANCREST-HH O MACARIA-ET | USA 70242855 | | | C | | | |
| REGANCREST-HH O MACENZI-ET | USA 70242859 | | | | | | |
| REGANCREST-I DESTINE MAC-ET | CAN 105331845 | | | | | | |
| REGANCREST-I MAC DESTINA-ET | CAN 9784499 | | | | | | |
| REGANCREST-I MAC DESTINATIO-ET | CAN 9784498 | | | | | | |
| REGANCREST-I MIKA-ET | CAN 9784533 | | | | | C | |
| REGANCREST-I MILLION MELANNY | CAN 106369507 | | | | | | |
| REGANCREST-KF BROKW BRENLEE | USA 71298625 | | | | | | |
| REGANCREST-KF CAM BRANDY-ET | USA 71297833 | | | | | | |
| REGANCREST-KF IOTA BRAND | 840003126697419 | | | | | | |
| REGANCREST-KF IOTA BRANDI | USA 66625697 | | | | | | |
| REGANCREST-KF MS KB BEANA | 840003130725259 | | | | | | |
| REGANCREST-KF NU BEA-ET | USA 71298135 | | | | | | |
| REGANCREST-KF O BRANICE-ET | USA 70242651 | | | | | | |
| REGANCREST-KF O BRONTE-ET | USA 66625682 | | | | | | |
| REGANCREST-KF OBSV BREDA-ET | USA 70242642 | | | | | | |
| REGANCREST-KF S BRANDY-ET | USA 66625531 | | | | | | |
| REGANCREST-KW M DARCEY-ET | USA 71298003 | | | | | | |
| REGANCREST-KW M DARICA-ET | USA 71298018 | | | | | | |
| REGANCREST-KW OAKLEY DAWN | 840003130725243 | | | | | | |
| REGANCREST-KW S DARNESA-ET | USA 71297952 | | | | | | |
| REGANCREST-KW SDARIA-ET | USA 71297916 | | | | | | |
| REGANCREST-KW SUDAN DARI-ET | USA 71297915 | | | | | | |
| REGANCREST-LOV BRITANICA-ET | USA 66625577 | | | | | | |
| REGANCREST-LOV GEVA-ET | USA 62496947 | | | | | | |
| REGANCREST-LOV JS BRIANN-ET | USA 63606627 | | | | | | |
| REGANCREST-LOV SPR BRITT-ET | USA 66625580 | | C | | | | |
| REGANCREST-MH BRIGHAM AMBER | 840003130725230 | | | | | | |
| REGANCREST-MH MYSTIC-ET | USA 61361939 | | | | | | |
| REGANCREST-MH SERENITY | 840003130725238 | | | | | | |
| REGANCREST-MJH AMBROSIA-ET | USA 70242853 | | | | | | |
| REGANCREST-MR DELTA SALSA | 840003130725268 | C | | | | | |
| REGANCREST-MR SARA-TW | USA 71298383 | | | | | | |
| REGANCREST-MS SERENE | 840003130725331 | | | | | | |
| REGANCREST-MV BRIZELLA-ET | USA 70242883 | | | | | | |
| REGANCREST-MVM A BRIZADA-ET | USA 70243030 | | | | | | 1 |
| REGANCREST-MVM BEIGE-ET | USA 71297902 | | | | | | |
| REGANCREST-MVM BLESSING-ET | 840003126697435 | | | | | | 1 |
| REGANCREST-MVM BRASSY-ET | USA 70242898 | | | | | | |
| REGANCREST-MVM BRAZIL-ET | 840003126697420 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-MVM BREEZE-ET | USA 70242887 | | | | | | |
| REGANCREST-MVM BRIE-ET | 840003130725232 | | | | | | 1 |
| REGANCREST-MVM BRILLIANT-ET | 840003126697427 | | | | | | 1 |
| REGANCREST-MVM BRINKLEY-ET | 840003126697395 | | | | | | 1 |
| REGANCREST-MVM BRISA-ET | USA 71298029 | | | | | | |
| REGANCREST-MVM BRIZELLA-ET | USA 71298176 | | | | | | |
| REGANCREST-MVM BROOKE-ET | 840003126697423 | | | | | | |
| REGANCREST-MVM BRYLIANT-ET | USA 71297919 | | | | | | |
| REGANCREST-MVM DELTA BRASS | 840003130725407 | | | | | | |
| REGANCREST-MVM MS BRIZEL-ET | USA 70242819 | | | | | | |
| REGANCREST-MVM O BRYLIE-ET | USA 71298675 | | | C | | | |
| REGANCREST-MVM SILVER BRAZZ | 840003134518391 | | | | | | |
| REGANCREST-MVW SS BREEZE | USA 71298635 | | | | | | |
| REGANCREST-MVW SS BRIZZ-ET | USA 71298526 | | | | | | |
| REGANCREST-MWM A BRITNEE-ET | USA 70243032 | | | | | | |
| REGANCREST-MWM A BRIZLYN-ET | USA 70243031 | | | | | | |
| REGANCREST-MWM BURGUNDY-ET | USA 71297892 | | | | | | |
| REGANCREST-MWM CC BRASS | USA 71298585 | | | | | | |
| REGANCREST-P DUR BOBBI-ET | USA 61361537 | | | | | | |
| REGANCREST-R HILL ANA | USA 70243043 | | | | | | 1 |
| REGANCREST-R L SAMARA-ET | USA 70242922 | C | | | | | |
| REGANCREST-R L SOLACE-ET | USA 70242928 | C | | | | | |
| REGANCREST-R L SOLITUDE-ET | USA 70242924 | | | | | | |
| REGANCREST-R LERO AUBRA | USA 71297862 | | | | | | |
| REGANCREST-R MC SATIN-ET | USA 71298246 | C | | | | | |
| REGANCREST-RC HALOGEN HE-ET | 840003130383706 | | | | | | |
| REGANCREST-RC HALOGEN HI-ET | 840003130383699 | | | | | | |
| REGANCREST-RC SR SHAKE-ET | USA 71300162 | | | | | | |
| REGANCREST-RS M TABLOID-ET | USA 66840519 | | | | | | |
| REGANCREST-RS MAC TABACA-ET | USA 66840520 | | | | | | |
| REGANCREST-RS MAC TABICA-ET | USA 66840517 | | | | | | |
| REGANCREST-RS MAC TABRIZ-ET | USA 66840518 | | | | | | |
| REGANCREST-RS N TABORA-ET | USA 70243053 | | | | | | |
| REGANCREST-RS N TALENT-ET | USA 71297822 | | | | | | |
| REGANCREST-RS P TAHITI-ET | USA 66625028 | | | | | | |
| REGANCREST-RS P TAI-ET | USA 66625022 | | | | | | |
| REGANCREST-RS P TAJA-ET | USA 66624962 | | | | | | |
| REGANCREST-RS S TIARRA-ET | USA 64943445 | | | | | | |
| REGANCREST-RS TALEXA-ET | USA 66624983 | | | | | | |
| REGANCREST-SR M TAMIRA-ET | USA 66625047 | | | | | | |
| REGANCREST-SR P TAYLORE-ET | USA 66625071 | | | | | | |
| REGANCREST-SRD A TABINE-ET | USA 64943296 | C | | | | | |
| REGANCREST-SRD A TABITHA-ET | USA 64943295 | C | | | | | |
| REGANCREST-SRD TABINA-ET | USA 64943301 | | | | | | |
| REGANCREST-UR BALT IMORA-ET | USA 66625155 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGANCREST-UR BRANDSTYLE-ET | USA 71297827 | | | | | | 3 |
| REGANCREST-UR PURE BRANDY | 840003130725403 | | | | | | |
| REGANCREST-UR S INTICE | USA 66625311 | | | | | | |
| REGANCRESTDL RENITA-ET | USA 62496892 | | | C | | | |
| REGANCRESTDL RIA-ET | USA 63606639 | | | | | | 1 |
| REGANCRESTDL S RALISHA-ET | USA 62496846 | | | | | C | |
| REGEL 1STCLASS BARB-ET | USA 71229623 | | | | | | |
| REGEL 1STCLASS BELINA-ET | USA 71229624 | | | | | | |
| REGEL AIKMAN MISSY | USA 71229607 | | | | | | |
| REGEL ARMITAGE BRENDA-ET | USA 71229553 | | | | | | |
| REGEL ARMSTEAD NAOMI-ET | USA 66707740 | | | | | | |
| REGEL ARMSTEAD NOEL-ET | USA 66707738 | | | | | | |
| REGEL BOLTON BEATRUCE-ET | USA 63086325 | | | | | | |
| REGEL BOMBERO BRITA-ET | USA 71229608 | | | | | | |
| REGEL BOMBERO BROOK-ET | USA 71229618 | | | | | | |
| REGEL BOWSER NOVA-ET | USA 66707811 | | | | | | 3 |
| REGEL CHAIRMAN LARA | USA 66707798 | | | | | | 1 |
| REGEL ENCINO BEATREX-ET | USA 63086309 | | | | | | |
| REGEL EPIC LAYLA-ET | USA 71229571 | | | | | | |
| REGEL FACEBOOK BARB-ET | USA 71229557 | | | | | | |
| REGEL FACEBOOK BARBIE-ET | USA 71229558 | | | | | | |
| REGEL FACEBOOK BARBRA-ET | USA 71229559 | | | | | | |
| REGEL FACEBOOK BRENDA | USA 71229567 | | | | | | |
| REGEL FACEBOOK NINA | USA 71229560 | | | | | | |
| REGEL GOLDWYN NAT-ET | USA 63086342 | | | | | | 3 |
| REGEL HALOGEN BLISS-ET | USA 71229611 | | | | | | |
| REGEL HALOGEN BOBBIE-ET | USA 71229609 | | | | | | |
| REGEL HALOGEN BONNIE-ET | USA 71229610 | | | | | | |
| REGEL IOTA BLIMP | USA 66707813 | | | | | | |
| REGEL IOTA BRENDA | USA 71229562 | | | | | | |
| REGEL IOTA NATALIE-ET | USA 66707806 | | | | | | 3 |
| REGEL IOTA NATLIE-ET | USA 66707805 | | | | | | |
| REGEL IOTA NATY-ET | USA 66707804 | | | | | | |
| REGEL JORDAN ANGEL | USA 66707799 | | | | | | |
| REGEL KINGBOY BRINA-ET | USA 71229616 | | | | | | |
| REGEL KRUSADER BLADE-ET | USA 66707802 | | | | | | |
| REGEL KRUSADER BLAZE-ET | USA 66707801 | C | | | | | |
| REGEL KRUSADER LEMON-ET | USA 66707803 | | | | | | |
| REGEL KRUSADER LIPSTICK-ET | USA 66707800 | | | | | | |
| REGEL LEADER MASE | USA 63086319 | | | | | | |
| REGEL MAN-O-SHAN MIA-ET | USA 71229590 | | | | | | |
| REGEL MAN-O-SHAN MIDGE-ET | USA 71229591 | | | | | | |
| REGEL MAN-O-SHAN MILKA-ET | USA 71229592 | | | | | | |
| REGEL MAN-O-SHAN MILLA-ET | USA 71229593 | | | | | | |
| REGEL MOGUL BRANDI-ET | USA 71229581 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGEL MOGUL BRIANNA-ET | USA 71229582 | | | | | | |
| REGEL MOGUL BRIDGET-ET | USA 71229584 | | | | | | |
| REGEL MOGUL NEPHRATIRI | USA 142228678 | | | | | | |
| REGEL MONTEREY BIRDIE-ET | USA 71229636 | | | | | | |
| REGEL MONTEREY BLOSSOM-ET | USA 71229630 | | | | | | |
| REGEL MONTEREY BRADY-ET | USA 71229619 | | | | | | |
| REGEL MONTEREY BRENDA-ET | USA 71229622 | | | | | | |
| REGEL MONTEREY BRYDIE-ET | USA 71229627 | | | | | | |
| REGEL MONTROSS MELISA-ET | USA 71229640 | | | | | | |
| REGEL O-STYLE BRETA-ET | USA 66707821 | | | | | | |
| REGEL O-STYLE NICCI-ET | USA 66707820 | | | | | | |
| REGEL O-STYLE NOMAI-ET | USA 66707819 | | | | | | |
| REGEL OBSERVER BLOOM-ET | USA 66707794 | | | | | | |
| REGEL OSMOND FARRA | USA 69529167 | | | | | | |
| REGEL OSMOND LAURIE | USA 66707797 | | | | | | |
| REGEL OSMOND LINDA | USA 71229552 | | | | | | |
| REGEL OSMOND LORI | USA 66707817 | | | | | | |
| REGEL PREDESTINE MINA-ET | USA 71229595 | | | | | | |
| REGEL PREDESTINE MINDY-ET | USA 71229596 | | | | | | 3 |
| REGEL RILL MAXIE-ET | USA 66707812 | | | | | | |
| REGEL RILL MIRAGE-ET | USA 66707816 | | | | | | |
| REGEL SAMOA BEESY-ET | USA 71229551 | | | C | | | |
| REGEL SHAMROCK BEATA | USA 71229586 | | | | | | |
| REGEL SHAMROCK MORNING | USA 69529164 | | | | | | |
| REGEL SNOWMAN LIMA-ET | USA 66707810 | | | | | | |
| REGEL SNOWMAN LORAINE-ET | USA 66707809 | | | | | | |
| REGEL SNOWMAN LORI-ET | USA 66707808 | | | C | | | |
| REGEL SPRING MEGAN-ET | USA 71229645 | | | | | | |
| REGEL SPRING MELINDA-ET | USA 71229642 | | | | | | |
| REGEL SPRING MELODIE-ET | USA 71229641 | | | | | | |
| REGEL SPRING MERCEDES-ET | USA 71229644 | | | | | | |
| REGEL SPRING MERNA-ET | USA 71229649 | | | | | | |
| REGEL SPRING META-ET | USA 71229650 | | | | | | |
| REGEL SUPERSIRE MINNI-ET | USA 71229588 | | | | | | |
| REGEL SUPERSIRE MORGAN-ET | USA 71229589 | | | | | | |
| REGEL TOP ROCK MILLI-ET | USA 71229594 | | | | | | |
| REGEL TOP ROCK MISTY-ET | USA 71229606 | | | | | | |
| REGEL-JS BALISTO MAGGIE-ET | USA 69312684 | | | | | C | |
| REGEL-JS CAMPUS MARTY | USA 71229605 | | | | | | |
| REGEL-JS MANDA BALISTO-ET | USA 71229602 | | | | | C | |
| REGEL-JS TANGO MAE-ET | USA 69312673 | | C | | | | |
| REGEL-JS TANGO MARION-ET | USA 71229600 | | C | | | C | |
| REGEL-JS TANGO MARTHA-ET | USA 71229601 | | | | | | |
| REGEL-JS TANGO MIDNITE-ET | USA 69312674 | | | | | | |
| REGEL-ROW NIAGRA MUIRE | USA 71229556 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REGELCREEK ABBY-ET | USA 71229572 | | | | | | 1 |
| REGELCREEK AL VIVIAN | USA 53579697 | C | | | | | |
| REGELCREEK ALEX ASHES-ET | USA 55967136 | | | | | | |
| REGELCREEK ALEXANDR ABBY-ET | USA 66707765 | | | | | | |
| REGELCREEK CHAMBRIC DESIRE | USA 71229564 | | | | | | |
| REGELCREEK ERASER ALABAMA-P | USA 58864527 | | | | | | 1 |
| REGELCREEK EXPLDE AMANDA-ET | USA 55969476 | | | | | | 1 |
| REGELCREEK EXPLODE SONIC | USA 55969481 | | | | | | |
| REGELCREEK G CHIP AMBER | 840003135508491 | | | | | | |
| REGELCREEK HIGHWAY ALOHA | USA 56650803 | | | | | | 1 |
| REGELCREEK HUNGER SHIMMER | USA 143221638 | | | | | | |
| REGELCREEK JACEY SUGAR | USA 58864541 | | | | | | |
| REGELCREEK KNG MISTLETOE-ET | USA 58864522 | | | | | | |
| REGELCREEK MAYFIELD MINNIE | USA 56650806 | | | | | | |
| REGELCREEK MILLION APPLE-ET | USA 66707761 | | | | | | |
| REGELCREEK MILLION ARBUA-ET | USA 66707735 | | C | | | | |
| REGELCREEK MLLON ALLISON-ET | USA 66707748 | | | | | | 1 |
| REGELCREEK MODEST ANGEL | USA 143221553 | | | | | | |
| REGELCREEK MONTEREY ABBY-ET | USA 143221535 | | | | | | |
| REGELCREEK MONTEREY ANNA-ET | USA 143221526 | | | | | | |
| REGELCREEK O-STYLE MAG | USA 71229554 | | | | | C | |
| REGELCREEK PLANET ALANA | USA 55969434 | | | | | | |
| REGELCREEK PLANET ANKE-ET | USA 66707764 | | | | | | 1 |
| REGELCREEK PLANET ANNIE-ET | USA 66707763 | | | | | | 1 |
| REGELCREEK PLANT APICOT-ET | USA 66707762 | | | | | | |
| REGELCREEK RETOOL ALICE | USA 143221629 | | | | | | |
| REGELCREEK SANCHEZ ANGEL-ET | USA 53557121 | | | | | | 1 |
| REGELCREEK SEBASTN ARUBA-ET | USA 55967126 | | | | | | 1 |
| REGELCREEK SHAROCK AVERY-ET | USA 55969450 | | | | | | |
| REGELCREEK SHINE APRICOT-ET | USA 56650862 | | | | | | |
| REGELCREEK SHMROCK AMBER-ET | USA 55969448 | | | | | | 1 |
| REGELCREEK SRSIRE MAGGIE-ET | USA 71229587 | | | | | C | |
| REGELCREEK SS MACKENZIE-ET | USA 56650816 | | | | | | |
| REGELCREEK SUPER ANITA-ET | USA 66707769 | | | | | | |
| REGELCREEK SUPER ARIANA-ET | USA 55967140 | | | | | | 1 |
| REGELCREEK SUPER ARIEL-ET | USA 55967139 | | | | | | 1 |
| REGELCREEK SUPERSONIC AILEY | USA 55969498 | | | | | | 1 |
| REGINA | DEU 580010596 | | | | | | |
| REGINA-ET | DEU 350597990 | C | | | | | |
| REGINI 3880-ET | DEU 1403343880 | | | | | | |
| REICH-SPRING XPN DENISE-RED | USA 140557138 | | | | | | |
| REIDMAN MILLION BRI BEBE | USA 141209672 | | C | | | | 1 |
| REIFF SANCHEZ JOANIE | USA 140672882 | C | | | | | |
| REIGNCREST VALENTINA | USA 142795941 | | | C | | | 1 |
| REIN-DALE ARROW 192-RED-TW | USA 66726786 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REIN-DALE LAWN BOY 136 | USA 63998827 | | | | | | 1 |
| REIN-DALE MOZYGUS-288-RED | USA 72686905 | | | | | | 1 |
| REINECKE-HOL LOGIC LAVENDER | USA 65803353 | | C | C | | | 3 |
| REINWAY ATWOOD MAJESTY 6202 | USA 73959831 | | | | | | |
| REINWAY BOMBERO MISERY 6348 | USA 73959977 | | | | | | |
| REINWAY BRAXTON ROSE 5178 | USA 71825442 | | | | | | |
| REINWAY CALDWELL GWEN 5180 | USA 71825444 | | | | | | |
| REINWAY CORVET JUPITER 6032 | USA 73959661 | | | | | | |
| REINWAY LARGE PAYTON 5110 | USA 71825374 | | | | | | |
| REINWAY LATCH MISSOURI 6355 | USA 73959984 | | | | | | |
| REINWAY M MISS ANNE 6439-ET | USA 73960068 | | | | | C | |
| REINWAY M MISTLETOE 6346-ET | USA 73959975 | | | | | | |
| REINWAY MGS MISFIT 6357-ET | USA 73959986 | | | | | | |
| REINWAY MGS MISKA 6358-ET | USA 73959987 | | | | | C | |
| REINWAY MGS MISSION 6350-ET | USA 73959979 | | | | | | |
| REINWAY MGSR MISKEY 6342-ET | USA 73959971 | | | | | C | |
| REINWAY MISBEHAVE 6366-ET | USA 73959995 | | | | | C | |
| REINWAY OBSERVR MADDIE 6121 | USA 73959750 | | | | | | |
| REINWAY ZEVIN TANYA 6248 | USA 73959877 | | | | | | |
| RELAY HALOGEN 16139 | 840003129377720 | | | | | | |
| RELAY MAURICE 14041 | 840003012643296 | | | | | | |
| RELAY SUPERSIRE 14845 | 840003013893520 | | | | | | |
| RELAY VOTTO 15694 | 840003126918718 | | | | | | |
| REM-ROCK COLT-P FOOLISH-RED | USA 72203503 | | | | | | |
| REMARC-D AFTERSHOCK LEXY-ET | USA 142960082 | | | | | C | |
| RENAIS BILLION PORKY | USA 140052567 | | | | | | |
| RENAIS BOLIVERS STAR | USA 140062032 | | | | | | |
| RENAIS BOLIVERS VANILA | USA 140493115 | | | | | | |
| RENAIS BOOKEM POLO | USA 71423328 | | | | | | |
| RENAIS CABRIOLET CHEVY | USA 71423343 | C | | | | | |
| RENAIS DET RASPBERRY | USA 71423323 | | | | | | |
| RENAIS LEVI JAZZ | USA 71423340 | | | | | | |
| RENAIS LEVI MARCY-ET | USA 71423339 | | | | | | |
| RENAIS LEVI PALACE | USA 71423324 | | | C | | | |
| RENAIS LEVI VIXEN | USA 71423325 | | | | | C | |
| RENAIS MAN-O-MAN DAWN | USA 71423320 | | | | | C | |
| RENAIS MAN-O-MAN MUSTANG | USA 71423341 | | | | | | |
| RENAIS MAN-O-MAN2 BREVE | USA 71423342 | | C | | | | |
| RENAIS MAN-O-MAN2 CHIP | USA 71423344 | | | | | | |
| RENAIS MAN-O-MAN2 FIZZ | USA 71423350 | | | | | | |
| RENAIS MAN-O-MAN2 PARKNFLY | USA 71423347 | | | | | | |
| RENAIS MAN-O-MAN2 TEALY | USA 71423348 | | | | | | |
| RENAIS MAN-OMAN2 EXPRESSIVE | USA 71423345 | | | | | | |
| RENAIS MANOMAM POP | USA 141376668 | | | | | | |
| RENAIS MANOMAN DONNER | USA 141352932 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RENAIS MANOMAN STARK | USA 141376677 | | | | | | |
| RENAIS MILLION LATTE | USA 141352941 | | C | | | | |
| RENAIS MILLION PARK | USA 71423316 | | | | | | |
| RENAIS MILLIONS FLOPPY | USA 141717681 | | C | | | | |
| RENAIS MOGUL STARKY | USA 71423335 | | | | | | |
| RENAIS MOM2 BLACKCAP | USA 71423333 | | | | | | |
| RENAIS MOM2 MARQUETTE | USA 71423330 | | | | | | |
| RENAIS MOM2 STARLITE | USA 71423337 | | | | | | |
| RENAIS OMAN BARKER | USA 141376640 | | | C | | | |
| RENAIS OMAN DARKEST | USA 140590036 | | | | | | |
| RENAIS PVF BOL POPPY | USA 140502839 | | | | | | |
| RENAIS ROSS CAMERO | USA 141352923 | C | | | | | |
| RENAIS ROSS MOPPY | USA 141717690 | | | | | | |
| RENAIS SH LAMBORGHINI | USA 71423326 | C | | | | C | |
| RENAIS SHOTTLE BLACKBERRY | USA 71423306 | | | | | | |
| RENAIS SHOTTLE CARAMEL | USA 71423332 | | | | | C | |
| RENAIS SHOTTLE CHOCOLATE | USA 71423305 | | | | | | |
| RENAIS SHOTTLE DOLCE | USA 71423311 | | | | | C | |
| RENAIS SHOTTLE FERRARI | USA 71423308 | C | | | | | |
| RENAIS SHOTTLE M&M | USA 71423307 | | | | | C | |
| RENAIS SHOTTLE MARGE-ET | USA 141352950 | | | | | | |
| RENAIS SHOTTLE PARKER | USA 140712245 | | | | | | |
| RENAIS SS DASHER | USA 71423338 | | | | | | |
| RENITA-ET | DEU 580573497 | | | | | | |
| RENOWN ABSOLUTE KYL 1992-ET | USA 74395134 | | | | | | |
| RENOWN ATW ICICLE 1987-ET | USA 74395129 | | | | | | |
| RENOWN DESTRY GRETCHEN-ET | 840003132363301 | | | | | | 1 |
| RENOWN GC TEENSY 1976-ET | USA 74395118 | | | | | | |
| RENOWN GCHIP BRENDA 1980-ET | USA 74395122 | | | | | | |
| RENOWN GCHIP BRENDA 1981-ET | USA 74395123 | | | | | | |
| RENOWN GCHIP ICICLE 1977-ET | USA 74395119 | | | | | | |
| RENOWN GCHIP ICICLE 1978-ET | USA 74395120 | | | | | | |
| RENOWN GCHIP ICICLE 1979-ET | USA 74395121 | | | | | | |
| RENTZ HALOGEN AMBER-ET | USA 72046400 | | | C | | | |
| RENWIND ADVENT BRASS-RED | USA 140139989 | | | | | | |
| RENWIND TALENT CHEYLA-ET | USA 140046032 | | | | | | |
| REPARD-GALS RAMSES BETSY-ET | USA 134879271 | C | | | | | |
| RETSO ARMANI PHOTO SHOOT-ET | 840003126362564 | | | | | | 2 |
| REU-HEL PERFORMANCE OOLALA | USA 139057933 | | | | | | |
| REYNCREST ALEXNDR LAVISH-ET | USA 140467190 | | | | | | 1 |
| REYNCREST ANCHOR 5915 | 840003124523351 | | | | | | |
| REYNCREST ANCHOR 5916 | 840003124523352 | | | | | | |
| REYNCREST AXFORD RAYNA-RED | 840003124523361 | | | | | | 1 |
| REYNCREST CALIBER 5585 | USA 72680275 | | | | | | |
| REYNCREST DAY 5638 | USA 72680328 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REYNCREST DEBUT 5895 | 840003124523331 | | | | | | |
| REYNCREST DEBUT 5899 | 840003124523335 | | | | | | |
| REYNCREST DEBUT 5910 | 840003124523346 | | | | | | |
| REYNCREST DELTA 5631 | USA 72680321 | | | | | | |
| REYNCREST DENIM 5903 | 840003124523339 | | | | | | |
| REYNCREST DENIM 5906 | 840003124523342 | | | | | | |
| REYNCREST DENIM 5909 | 840003124523345 | | | | | | |
| REYNCREST DENIM 5914 | 840003124523350 | | | | | | |
| REYNCREST DOM 5875 | 840003124523311 | | | | | | |
| REYNCREST DOM 5891 | 840003124523327 | | | C | | | |
| REYNCREST DOM 5892 | 840003124523328 | | | | | | |
| REYNCREST DOM 5894 | 840003124523330 | | | | | | |
| REYNCREST DOM 5897 | 840003124523333 | | | | | | |
| REYNCREST DOM 5905 | 840003124523341 | | | | | | |
| REYNCREST DOM 5926 | 840003124523362 | | | | | | |
| REYNCREST DOM 5929 | 840003124523365 | | | | | C | |
| REYNCREST DOM 5931 | 840003124523367 | | | | | | |
| REYNCREST DOM 5932 | 840003124523368 | | | | | | |
| REYNCREST DOM 5935 | 840003124523371 | | | | | | |
| REYNCREST DOMESTIC 5919 | 840003124523355 | | | | | C | |
| REYNCREST DOMESTIC 5921 | 840003124523357 | | | | | | |
| REYNCREST DREAMER 5614 | USA 72680304 | | | | | | 3 |
| REYNCREST DREAMER 5630 | USA 72680320 | | | | | | 3 |
| REYNCREST FACEBOOK 5521 | USA 72680211 | | | | | | |
| REYNCREST FACEBOOK 5626 | USA 72680316 | | | | | | |
| REYNCREST FACEBOOK 5628 | USA 72680318 | | | | | | |
| REYNCREST FACEBOOK 5651 | USA 72680341 | | | | | | |
| REYNCREST GC CABO-ET | 840003128468039 | | | | | | |
| REYNCREST GC WILD CHILD-ET | 840003128468042 | | | | | | |
| REYNCREST GOLD LEXUS-ET | USA 140662942 | | | | | | 1 |
| REYNCREST HUNTER 5566 | USA 72680256 | | | | | | |
| REYNCREST HUNTER 5570 | USA 72680260 | | | | | | |
| REYNCREST HUNTER 5578 | USA 72680268 | | | | | | |
| REYNCREST HUNTER 5619 | USA 72680309 | | | | | | |
| REYNCREST JESSIC 5591 | USA 72680281 | | | | | | 3 |
| REYNCREST JETSET 5893 | 840003124523329 | | | | | | |
| REYNCREST LIVIN THEDREAM-ET | USA 72680145 | | | | | | |
| REYNCREST LMTED EDITION-ET | 840003128468202 | | | | | | |
| REYNCREST LOCHINVAR 5900 | 840003124523336 | | | | | | |
| REYNCREST LOCHINVAR 5902 | 840003124523338 | | | | | | |
| REYNCREST LOCHINVAR 5908 | 840003124523344 | | | | | | 1 |
| REYNCREST LOCHINVAR 5917 | 840003124523353 | | | | | | |
| REYNCREST LOCHINVAR 5924 | 840003124523360 | | | | | | |
| REYNCREST LOCHINVAR 5928 | 840003124523364 | | | | | | |
| REYNCREST LOCHINVAR 5933 | 840003124523369 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| REYNCREST LOCHINVAR 5934 | 840003124523370 | | | | | | |
| REYNCREST MARBLE 5561 | USA 72680251 | | | C | | | |
| REYNCREST MCTN RIPLEY | 840003124523354 | | | | | | 1 |
| REYNCREST MERIDIAN 5923 | 840003124523359 | | | | | | |
| REYNCREST MERIDIAN 5936 | 840003124523372 | | | | | | |
| REYNCREST MERIDIAN 5937 | 840003124523373 | | | | | | |
| REYNCREST METAL 5554 | USA 72680244 | | | | | | |
| REYNCREST METAL 5584 | USA 72680274 | | | | | | |
| REYNCREST METAL 5586 | USA 72680276 | | | | | | |
| REYNCREST METAL 5588 | USA 72680278 | | | | | | |
| REYNCREST METAL 5592 | USA 72680282 | | | | | | |
| REYNCREST METAL 5608 | USA 72680298 | | | | | | |
| REYNCREST METAL 5624 | USA 72680314 | | | | | | |
| REYNCREST METAL 5625 | USA 72680315 | | | | | C | |
| REYNCREST METEOR 5590 | USA 72680280 | | | | | | |
| REYNCREST METEOR 5604 | USA 72680294 | | | | | | |
| REYNCREST MULTIPLIER 5913 | 840003124523349 | | | | | | |
| REYNCREST NUMBER ONE 5560 | USA 72680250 | | | | | | |
| REYNCREST NUMBER ONE 5645 | USA 72680335 | | | | | | |
| REYNCREST NUMERO UNO 5901 | 840003124523337 | | | | | | |
| REYNCREST NUMERO UNO 5904 | 840003124523340 | | | | | | |
| REYNCREST NUMERO UNO 5922 | 840003124523358 | | | | | | |
| REYNCREST NUMERO UNO 5927 | 840003124523363 | | | | | | |
| REYNCREST OUTACITE 5890 | 840003124523326 | | | | | | |
| REYNCREST OUTACITE 5907 | 840003124523343 | | | | | | |
| REYNCREST OUTACITE 5912 | 840003124523348 | | | | | | |
| REYNCREST RB HADIA-RED | 840003124523347 | | C | | | | 1 |
| REYNCREST SIRIUS 5597 | USA 72680287 | | C | | | | |
| REYNCREST STARSTRUCK 5920 | 840003124523356 | | | | | | |
| REYNCREST STRM LUMINOUS-ET | USA 140467211 | | | | | | |
| REYNCREST TOPSIDE 5567 | USA 72680257 | | | | | | |
| REYNCREST TOPSIDE 5600 | USA 72680290 | | | | | | |
| REYNCREST TOPSIDE 5610 | USA 72680300 | | | | | | |
| REYNCREST TOPSIDE 5646 | USA 72680336 | | | | | | |
| REYNCREST WATSON 5896 | 840003124523332 | | | | | | |
| REYNCREST WB LONGING-ET | USA 72680238 | | | | | | 2 |
| REYNCREST WILD AT HEART-ET | USA 71976538 | | | | | | |
| RF-KEENER DENIM SHAMEIRAH | USA 72811879 | | | | | | |
| RF-KEENER FLYN CHARMESHA | USA 72811885 | | | | | | |
| RF-KEENER JAGER CHRISTIN | USA 72811886 | | | | | | |
| RF-KEENER SUPERSONIC HEIDY | USA 71878604 | | | | | | |
| RF-PONDHILL ALLY PANDA-ET | USA 64632036 | | | | | | |
| RF-PONDHILL TRES POPETTE-ET | USA 64632085 | | | | | | |
| RG-JK ADV MARL-RED-ET | USA 66408386 | | | | | | |
| RGNCRST-RH DURHAM BLISS-ET | USA 207186752 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RHC EMORY GRETCHEN | USA 135182879 | | | C | | | |
| RHC HUNTER TEASE | USA 142432332 | | | | | | |
| RHIANNA ROSE OF ROSEDALE | USA 140625077 | | | | | | 1 |
| RHO-NIC MORTY HOPE-ET | USA 136717274 | | | | | | |
| RHOMAN-WAI 3243 | USA 70749023 | | | | | | |
| RHOMAN-WAI ALFALFA 4356 | 840003131138092 | | | | | | |
| RHOMAN-WAI ALFALFA 4385 | 840003131138121 | | | | | | |
| RHOMAN-WAI ALLASON CRI-ET | USA 62398750 | | | | | | |
| RHOMAN-WAI ATTORNEY 3851 | USA 73178994 | | | | | | |
| RHOMAN-WAI BANFF 3748 | USA 72301002 | | | | | | |
| RHOMAN-WAI BANKS 3750 | USA 72301004 | | | | | | |
| RHOMAN-WAI BAXTER 2687-ET | USA 65416288 | | | | | | |
| RHOMAN-WAI BEACON 3166-ET | USA 70116068 | | | | | C | |
| RHOMAN-WAI BEAUTY 1828-TW | USA 61551077 | | | | | | |
| RHOMAN-WAI BOLIVER 2067-ET | USA 62016165 | | | | | | |
| RHOMAN-WAI BOWSER 3235 | USA 70749015 | | | | | | |
| RHOMAN-WAI BRIANNA CRI-ET | USA 70273023 | | | | | | |
| RHOMAN-WAI BURST 3771 | USA 72301025 | | | | | | |
| RHOMAN-WAI CABRIOLET 3826 | USA 73178969 | | | | | | |
| RHOMAN-WAI CABRIOLET 3854 | USA 73178997 | | | | | | |
| RHOMAN-WAI CALIBER 3412 | USA 71666026 | | | | | | |
| RHOMAN-WAI CASH-MONEY 3880 | USA 73179023 | | | | | | |
| RHOMAN-WAI CHARM DEE | USA 123222619 | | | | | | |
| RHOMAN-WAI COLBY 2658-ET | USA 65416259 | | C | | | | |
| RHOMAN-WAI COLBY 2659-ET | USA 65416260 | | C | | | | |
| RHOMAN-WAI COLBY 2678-ET | USA 65416279 | | C | | | | |
| RHOMAN-WAI COLBY 2679-ET | USA 65416280 | | C | | | | |
| RHOMAN-WAI COLBY 2720-ET | USA 66266852 | | | | | | |
| RHOMAN-WAI COLBY 2743-ET | USA 66266875 | | C | | | | |
| RHOMAN-WAI DAY 3755 | USA 72301009 | | | | | | |
| RHOMAN-WAI DENIM 3684 | USA 72300938 | | | | | | |
| RHOMAN-WAI DENIM 3703 | USA 72300957 | | | | | | |
| RHOMAN-WAI DENIM 3706 | USA 72300960 | | | | | | |
| RHOMAN-WAI DENIM 3746 | USA 72301000 | | | | | | |
| RHOMAN-WAI DENIM 3783 | USA 72301037 | | | | | | |
| RHOMAN-WAI DENISE CRI-ET | USA 62398743 | | | | | | |
| RHOMAN-WAI DORCY 3865 | USA 73179008 | | | | | | |
| RHOMAN-WAI EMERALD 3438-ET | USA 71666052 | | | | | | |
| RHOMAN-WAI EPIC 3458-ET | USA 71666072 | | | | | | |
| RHOMAN-WAI ERDMAN 3664 | USA 72300918 | | | | | | |
| RHOMAN-WAI ERDMAN 3679 | USA 72300933 | | | | | | |
| RHOMAN-WAI FEEDBACK 3861 | USA 73179004 | | | | | | |
| RHOMAN-WAI GALAXY 3712 | USA 72300966 | | | | | | |
| RHOMAN-WAI GALAXY 3725 | USA 72300979 | C | | | | | |
| RHOMAN-WAI GARTER 1686-ET | USA 60947231 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RHOMAN-WAI GILLESPY 3723 | USA 72300977 | | | | | | |
| RHOMAN-WAI GILLESPY 3734 | USA 72300988 | | | | | | |
| RHOMAN-WAI GREATEST 3445 | USA 71666059 | | | | | | |
| RHOMAN-WAI HEFTY 3747 | USA 72301001 | | | | | | |
| RHOMAN-WAI HEFTY 3763 | USA 72301017 | | | | | | |
| RHOMAN-WAI HEFTY 3766 | USA 72301020 | | | | | | |
| RHOMAN-WAI HERALD 1325 | USA 60824430 | | | | | | |
| RHOMAN-WAI HILL 3401-ET | USA 71666015 | | C | | | | |
| RHOMAN-WAI HISTORY 3862 | USA 73179005 | | | | | | |
| RHOMAN-WAI HUNGER 3924 | USA 73179067 | | | | | | |
| RHOMAN-WAI JABIR 3908 | USA 73179051 | | | | | | |
| RHOMAN-WAI JABIR 3942-ET | USA 73179085 | | | | | | |
| RHOMAN-WAI JABIR 4051 | USA 74230120 | | C | | | | |
| RHOMAN-WAI JACKMAN 3868 | USA 73179011 | | | C | | | |
| RHOMAN-WAI JAYDEN 4072 | USA 74230141 | | | | | | |
| RHOMAN-WAI JAYDEN 4076 | USA 74230145 | | | | | | |
| RHOMAN-WAI JOHNSON 3847 | USA 73178990 | | | | | | |
| RHOMAN-WAI JOHNSON 3858-TW | USA 73179001 | | | | | | |
| RHOMAN-WAI JOHNSON 3859-TW | USA 73179002 | | C | C | | | |
| RHOMAN-WAI LARGE 3874-ET | USA 73179017 | | | | | | |
| RHOMAN-WAI LATIMER 3785 | USA 72301039 | | | | | | 1 |
| RHOMAN-WAI LEXOR 3797 | USA 72301051 | | | | | | |
| RHOMAN-WAI MASSEY 2886 | USA 66771224 | | | | | | |
| RHOMAN-WAI MERIDIAN 3786-ET | USA 72301040 | | | | | | |
| RHOMAN-WAI MERIDIAN 3819 | USA 73178962 | | C | | | | |
| RHOMAN-WAI MERIDIAN 3849 | USA 73178992 | | | C | | | |
| RHOMAN-WAI MOGUL 3650 | USA 72300904 | | | | | | |
| RHOMAN-WAI MOGUL 3704 | USA 72300958 | | | | | | |
| RHOMAN-WAI MORGAN 3690-ET | USA 72300944 | | | | | C | |
| RHOMAN-WAI MORGAN 3719-ET | USA 72300973 | | | | | C | |
| RHOMAN-WAI MORGAN 3720-ET | USA 72300974 | | | | | C | |
| RHOMAN-WAI MOWRY 3752 | USA 72301006 | | | C | | | |
| RHOMAN-WAI MOZALIO 3833 | USA 73178976 | C | | | | | 3 |
| RHOMAN-WAI MURPH DIA CRI-ET | USA 62398757 | | | | | | |
| RHOMAN-WAI O-MAN 2045 | USA 62016143 | | | C | | | |
| RHOMAN-WAI O-MAN 2071-ET | USA 62016169 | | | C | | | |
| RHOMAN-WAI O-MAN 2169 | USA 62037566 | | | C | | | |
| RHOMAN-WAI O-STYLE 3265-ET | USA 70749045 | | | | | | |
| RHOMAN-WAI O-STYLE 3267-ET | USA 70749047 | | C | C | | | |
| RHOMAN-WAI O-STYLE 3834 | USA 73178977 | | | C | | | |
| RHOMAN-WAI O-STYLE 3837 | USA 73178980 | C | | C | | | |
| RHOMAN-WAI OAK 3790-ET | USA 72301044 | | | | | | |
| RHOMAN-WAI OAK 3792-ET | USA 72301046 | | | | | | |
| RHOMAN-WAI OAK 3795-ET | USA 72301049 | | | | | | |
| RHOMAN-WAI OAK 3827 | USA 73178970 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RHOMAN-WAI ORIOLE CRI-ET | USA 64541800 | | | | | | |
| RHOMAN-WAI PAUL 3249-ET | USA 70749029 | | | | | | |
| RHOMAN-WAI PAUL 3250-ET | USA 70749030 | | | | | | |
| RHOMAN-WAI PAUL 3251-ET | USA 70749031 | | | | | | |
| RHOMAN-WAI PAUL 3254-ET | USA 70749034 | | | | | | |
| RHOMAN-WAI PAUL 3259-ET | USA 70749039 | | | | | | |
| RHOMAN-WAI PAUL 3277-ET | USA 70749057 | | C | | | | |
| RHOMAN-WAI PAUL 3279 | USA 70749059 | | | | | | |
| RHOMAN-WAI PAUL 3546-ET | USA 72041952 | | C | | | | |
| RHOMAN-WAI PERRY 3658 | USA 72300912 | | | | | | |
| RHOMAN-WAI PETRONE 3707 | USA 72300961 | | | | | | |
| RHOMAN-WAI PETRONE 3724 | USA 72300978 | | | | | C | |
| RHOMAN-WAI PIONEER 3508-ET | USA 72041914 | | | | | | |
| RHOMAN-WAI PLANET 2750-ET | USA 66266882 | | | | | | |
| RHOMAN-WAI PLANET 2758-ET | USA 66266890 | | | C | | | |
| RHOMAN-WAI PLANET 2761-ET | USA 66266893 | | | | | | |
| RHOMAN-WAI PLANET 2764-ET | USA 66266896 | | | C | | | |
| RHOMAN-WAI PLANET 2899-ET | USA 66771238 | | | | | | |
| RHOMAN-WAI PLANET 2901-ET | USA 68944344 | | | | | | |
| RHOMAN-WAI PLANET 3098-ET | USA 69753839 | | | | | | |
| RHOMAN-WAI PUZZLE 3744 | USA 72300998 | | | | | | |
| RHOMAN-WAI PUZZLE 3760 | USA 72301014 | | | | | | |
| RHOMAN-WAI PUZZLE 3793 | USA 72301047 | | | | | | |
| RHOMAN-WAI RACER 4067 | USA 74230136 | | | | | | |
| RHOMAN-WAI RHOMAN 2596 | USA 64556651 | | | | | | |
| RHOMAN-WAI RINGER 3866 | USA 73179009 | | | | | | |
| RHOMAN-WAI ROSE CRI-ET | USA 66321082 | | | C | | | |
| RHOMAN-WAI RW3262 3875 | USA 73179018 | | | | | | |
| RHOMAN-WAI SAJAC 3804 | USA 73178947 | | | | | | |
| RHOMAN-WAI SEBASTIAN 3320 | USA 71125895 | | | | | | |
| RHOMAN-WAI SHAKESPER 3935 | USA 73179078 | | | | | | |
| RHOMAN-WAI SHARKY 2429-ET | USA 63562501 | | | | | | |
| RHOMAN-WAI STUDLEY 3798 | USA 72301052 | | | | | | |
| RHOMAN-WAI SUCCESS 3867 | USA 73179010 | | | | | | |
| RHOMAN-WAI SUPERSIR 3872-ET | USA 73179015 | | C | | | | |
| RHOMAN-WAI SUPERSIRE 4119 | USA 74230188 | | | | | | |
| RHOMAN-WAI SUPERSRE 3848-ET | USA 73178991 | | | | | | |
| RHOMAN-WAI SUPERSRE 3985-ET | USA 73179128 | | | | | | |
| RHOMAN-WAI SUPLEX 3749 | USA 72301003 | | | | | | |
| RHOMAN-WAI SUPLEX 3824 | USA 73178967 | | | | | C | |
| RHOMAN-WAI TERMINAT 2849-ET | USA 66771188 | | | | | | |
| RHOMAN-WAI TERRY BONNET | USA 127338480 | | | | | | |
| RHOMAN-WAI TROY 4311-ET | 840003131138047 | | | | | | |
| RHOMAN-WAI YANO 3569-ET | USA 72041975 | | | | | | |
| RHOMAN-WAI YANO 3570-ET | USA 72041976 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RHOMAN-WAI YANO 3571-ET | USA 72041977 | | | | | | |
| RHOMAN-WAI YANO 3594-TW | USA 72042000 | | | | | | |
| RHOMAN-WAI YANO 3733 | USA 72300987 | | | | | | |
| RI-JUL BRAXTON JAVA | USA 143277488 | | | | | | |
| RI-JUL CASH COIN SHANNA | USA 143022293 | | | | | C | 1 |
| RI-JUL-ME ALEXANDER DESTINY | USA 140591037 | | | | | | 3 |
| RI-VAL-RE 1841 BAXTR-RED-ET | USA 71005418 | | | | | | |
| RI-VAL-RE 1C ANDREYA-ET | USA 73697443 | | | | | | |
| RI-VAL-RE 1C ANGELICA-ET | USA 73697442 | | | | | | |
| RI-VAL-RE 1C ANNAMARIE-ET | USA 73697441 | | | | | | |
| RI-VAL-RE 1C APPLE SAUCE-ET | USA 73697440 | | | | | | |
| RI-VAL-RE 1ST HEIDI11147-ET | 840003127943677 | | | | | | |
| RI-VAL-RE 1STCLASS 6635-ET | USA 73953662 | | | | | | |
| RI-VAL-RE 1STCLASS ARRIE-ET | USA 73697438 | | | | | | |
| RI-VAL-RE 1STCLASS LARA-ET | USA 73697434 | | | | | | |
| RI-VAL-RE 4288 DELTA-ET | 840003133184260 | | | | | | |
| RI-VAL-RE 45 APPLE-P-RED-ET | USA 72829764 | | | | | | |
| RI-VAL-RE ACTIVE ADIDAS-ET | USA 66473575 | | | | | | 1 |
| RI-VAL-RE ACTIVE NIKE-ET | USA 66473574 | | | | | | |
| RI-VAL-RE AD STAR SHINE-ET | 840003124670525 | | | | | | |
| RI-VAL-RE AD STAR SKY-ET | 840003124670524 | | | | | | |
| RI-VAL-RE ADALIA-P-RED-ET | USA 73697544 | | | | | | |
| RI-VAL-RE ADV SULLY-RED-ET | USA 63203705 | | | | | | |
| RI-VAL-RE ADV WIN-GO-RED-ET | USA 64621428 | C | | | | | |
| RI-VAL-RE AERIAL-P-RED-ET | USA 72829632 | | | | | | |
| RI-VAL-RE AIKMAN EMMA-ET | USA 73697255 | | | | | | |
| RI-VAL-RE AIKMAN PENNY-ET | USA 73697275 | | | | | | |
| RI-VAL-RE AIKMAN TREY-ETS | USA 73697252 | | | | | | |
| RI-VAL-RE AIKMAN TROY-ETS | USA 73697251 | | | | | | |
| RI-VAL-RE AIKMN SKYE-RED-ET | USA 73697244 | | | | | | |
| RI-VAL-RE ALANDO RAE-RED-ET | USA 69810482 | | | | | | 1 |
| RI-VAL-RE ALC CAROLIE-ET | USA 71259248 | | | | | | 1 |
| RI-VAL-RE ALC MINI-P-RED-ET | USA 71259179 | | | | | | 1 |
| RI-VAL-RE ALC MONSOON-ET | USA 71259249 | | | | | | 1 |
| RI-VAL-RE ALC MOONSHINE-ET | USA 71259247 | | | | | | |
| RI-VAL-RE ALCHEMY NADINE-ET | USA 71259180 | | | | | | 1 |
| RI-VAL-RE ALCHEMY NIKKI-ET | USA 71259182 | | | | | | |
| RI-VAL-RE ALCHEMY NIKOLE-ET | USA 71259154 | | | | | | 1 |
| RI-VAL-RE ALCHEMY NOKIA-ET | USA 71259181 | | | | | | 1 |
| RI-VAL-RE ALCHEMY PIXAR-ET | USA 71259156 | | | | | | 1 |
| RI-VAL-RE ALCHEMY TIKI-ET | USA 71259159 | | | | | C | 1 |
| RI-VAL-RE ALCHEY NIKE-ET | USA 71259155 | | | | | C | |
| RI-VAL-RE ALCHY POSITVE-ET | USA 71259157 | | | | | | |
| RI-VAL-RE ALEXA RAENN-ET | USA 66473553 | | | | | | |
| RI-VAL-RE ALLEGRO DIANNE-ET | USA 62067913 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE ALLIE-RED-ET | USA 66274809 | C | | | | | 1 |
| RI-VAL-RE AMERCA-P-RED-ET | USA 73697312 | | | | | | |
| RI-VAL-RE AMERICA LEE-ET | USA 73697486 | | | | | C | |
| RI-VAL-RE AMERICA-P-RED-ET | USA 72829647 | | | | | | |
| RI-VAL-RE AMERY-P-RED-ET | USA 72829646 | | | | | | |
| RI-VAL-RE AMSTD SALLY-ET | USA 66473461 | | | | | | |
| RI-VAL-RE ANDERSON ANNIE-ET | USA 71259244 | | | | | | |
| RI-VAL-RE APOLL HONEY-P-ET | 840003133202230 | | | | | | |
| RI-VAL-RE APOLL SUSAN-ET | 840003133202228 | | | | | | |
| RI-VAL-RE APOLL TRIXY-P-ET | 840003133202229 | | | | | | |
| RI-VAL-RE APPLE DEE-RED-ET | USA 66473543 | | | | | | 1 |
| RI-VAL-RE APPLES-P-RED-ET | USA 73697546 | | | | | | |
| RI-VAL-RE ARMSTD ALIANNE-ET | USA 66473427 | | | | | C | |
| RI-VAL-RE ARMSTD AMY-ET | USA 66473423 | | | | | | |
| RI-VAL-RE ARMSTD SHARKY-ET | USA 66473467 | | | | | | |
| RI-VAL-RE AROMA-P-RED-ET | USA 73697545 | | | | | | |
| RI-VAL-RE ARROW MALIA-RED | USA 66473476 | | | | | | |
| RI-VAL-RE ARSTD SHARA-ET | USA 66473459 | | | | | | |
| RI-VAL-RE ARTIC SPICE | USA 63203736 | | | | | | |
| RI-VAL-RE ATWOOD ACE-ET | USA 66473656 | | | | | | |
| RI-VAL-RE ATWOOD MADDY-ET | USA 66473658 | | | | | | |
| RI-VAL-RE AUD SELSY-RED-ET | USA 64621470 | | | | | | |
| RI-VAL-RE AUDACITY ZOO-RED | USA 64585131 | | | | | | |
| RI-VAL-RE AUDASTIC-RED-ET | USA 64621434 | | | | | | |
| RI-VAL-RE AVERY NADINE-ET | USA 69928530 | | | C | | | 1 |
| RI-VAL-RE BALISTO APPLE-ET | USA 73697269 | | | | | | |
| RI-VAL-RE BALTI ROSE-P-RED | USA 71259176 | | | | | | |
| RI-VAL-RE BAX LICORICE-ET | USA 64621487 | | | | | | |
| RI-VAL-RE BAXTER NORA-ET | USA 66473482 | | | | | | |
| RI-VAL-RE BAYARD BAYOU | USA 71259290 | | | | | | |
| RI-VAL-RE BAYONET 9235-ET | 840003129826008 | | | | | | |
| RI-VAL-RE BAYONET VEGAS-ET | 840003130845070 | | | | | | |
| RI-VAL-RE BAYONET VII-ET | 840003130845072 | | | | | | |
| RI-VAL-RE BEST OPAL-ET | USA 61398484 | C | | | | | |
| RI-VAL-RE BIG TIME HOPE-ET | USA 73697693 | | | | | | |
| RI-VAL-RE BISTRO-RED-ET | 840003012171413 | | | | | | |
| RI-VAL-RE BOLIVER AERIAL-ET | USA 61398581 | | | | | | |
| RI-VAL-RE BOLIVER NINA-ET | USA 61398566 | | | | | | |
| RI-VAL-RE BOLTON ACE-ET | USA 64621406 | | | | | | 1 |
| RI-VAL-RE BOLTON AERIAL-ET | USA 64621405 | | | | | | 1 |
| RI-VAL-RE BOLTON ALISA-ET | USA 63203761 | | | | | | |
| RI-VAL-RE BOLTON NIKE | USA 63203740 | | | | | | |
| RI-VAL-RE BOLTON NILLIE-ET | USA 63203735 | | | | | | |
| RI-VAL-RE BOLTON SAUCY-ET | USA 63203734 | | | | | | |
| RI-VAL-RE BOMBERO MASSEY-ET | USA 73697402 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE BOMBS AWAY-ET | USA 73697401 | | | | | | |
| RI-VAL-RE BOOKEM ALAYNA-ET | USA 71259172 | | | | | | |
| RI-VAL-RE BOOKEM ALLEGRA-ET | USA 69928547 | | | | | | |
| RI-VAL-RE BOOKEM APPLE-ET | USA 69928545 | | | | | | |
| RI-VAL-RE BOOKEM DAISY-ET | USA 69928542 | | | | | C | |
| RI-VAL-RE BOOKEM DARLA-ET | USA 69928543 | | | | | C | |
| RI-VAL-RE BOOKEM HERO-ET | USA 69928550 | | | | | | |
| RI-VAL-RE BOOKEM NIKE-ET | USA 69928447 | | | | | | |
| RI-VAL-RE BOOKEM NIKKI-ET | USA 69928448 | | | | | | 1 |
| RI-VAL-RE BOOKEM ROSEY-P-ET | USA 69928532 | | | | | | |
| RI-VAL-RE BOOKEM ULIS-ET | USA 69928528 | | | | | | |
| RI-VAL-RE BOOKEM-ET | USA 69928449 | | | | | | |
| RI-VAL-RE BOSS LADY-RED-ET | USA 73697381 | | | | | | |
| RI-VAL-RE BOWSER GEORGIA-ET | USA 69928459 | | | | | | 3 |
| RI-VAL-RE BOWSER GLISTEN-ET | USA 69928480 | | | | | | 3 |
| RI-VAL-RE BOWSER LEANN-ET | USA 69928444 | | | | | | |
| RI-VAL-RE BOWSER LELO-ET | USA 69928441 | | | | | | |
| RI-VAL-RE BOWSER SAMMIE-ET | USA 69928445 | | | | | C | |
| RI-VAL-RE BOXER SHADOW-ET | USA 66473691 | | | | | | |
| RI-VAL-RE BOXER SIMI-P | USA 69928504 | | | | | | |
| RI-VAL-RE BRNS SPECK-RED-ET | USA 66473438 | | | | | | 3 |
| RI-VAL-RE BRONCO-P-RED-ET | USA 72829709 | | | | | | |
| RI-VAL-RE BUCKEYE CARLY | USA 63203713 | | | | | | |
| RI-VAL-RE BURTON AERIAL-ET | USA 69928517 | | | | | | |
| RI-VAL-RE BURTON REENA-ET | USA 69928518 | | | | | | |
| RI-VAL-RE BURTON RUANN-ET | USA 69928515 | | | | | | |
| RI-VAL-RE BURTON WYNNIE-ET | USA 69928516 | | | | | | |
| RI-VAL-RE C MAPEL-P-RED-ET | USA 72829734 | | | | | | |
| RI-VAL-RE CAMARO NADY-ET | USA 73697365 | | | | | | |
| RI-VAL-RE CAMERON TINY-ET | USA 71259213 | | | | | | |
| RI-VAL-RE CANDY-RED-ET | USA 64681848 | C | | | | | |
| RI-VAL-RE CAP G NADY-ET | USA 73697418 | | | | | | |
| RI-VAL-RE CAP GISELE-ET | 840003126218707 | | | | | | |
| RI-VAL-RE CASH CIGGY-ET | USA 73697230 | | | | | | 1 |
| RI-VAL-RE CASH FLIPSY-ET | USA 73697229 | | | | | | |
| RI-VAL-RE CASH LADDY-P-ET | USA 72829766 | | | | | | 1 |
| RI-VAL-RE CASH MALAWI-ET | USA 72829739 | | | | | | |
| RI-VAL-RE CASHC CAROL-ET | USA 72829767 | | | | | | |
| RI-VAL-RE CASHCOIN CASHY-ET | USA 72829620 | | | | | | |
| RI-VAL-RE CASHCOIN EVA-P-ET | USA 72829768 | | | | | | |
| RI-VAL-RE CASHCOIN LUPPY-ET | USA 72829618 | | | | | | |
| RI-VAL-RE CASHCOIN ROSEY-ET | USA 72829615 | | | | | | |
| RI-VAL-RE CASHY GIGS-ET | USA 72829810 | | | | | | 1 |
| RI-VAL-RE CHAMP DENISE-ET | USA 60815465 | | | | | | |
| RI-VAL-RE CHEVY CRUZ | USA 73697299 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE CHEVY MALIBU-P-ET | USA 73697254 | | | | | | |
| RI-VAL-RE CHIPPER SIRI-P-ET | USA 72829731 | | | | | | |
| RI-VAL-RE CHOCOLATISH-ET | USA 73697256 | | | | | | |
| RI-VAL-RE CINEMA ARIEL-ET | 840003133202234 | | | | | | |
| RI-VAL-RE CINEMA WAVES-ET | 840003133202231 | | | | | | |
| RI-VAL-RE CLT FIRE-P-RED-ET | USA 69928529 | | | | | C | |
| RI-VAL-RE CM DESTINY-ET | USA 71259136 | | | | | | |
| RI-VAL-RE CNSTINE DAHLIA-ET | USA 69928553 | | | | | | |
| RI-VAL-RE COLBY NINE-ET | USA 64621534 | | | | | | |
| RI-VAL-RE COLBY ZIABLO-ET | USA 64621513 | | | | | | |
| RI-VAL-RE COLT AMBER-P-ET | USA 69928536 | | | | | | |
| RI-VAL-RE COLT DIZZLE-ET | USA 69928522 | | | | | | 1 |
| RI-VAL-RE COLT ELEANOR-ET | USA 69928534 | | | | | | |
| RI-VAL-RE COLT LEANN-P-ET | USA 69928513 | | | | | C | |
| RI-VAL-RE COLT LEORA-ET | USA 69928514 | | | | | C | |
| RI-VAL-RE COLT LOUANN-P-RED | USA 69928539 | | | | | | 1 |
| RI-VAL-RE COLT NADY-P-ET | USA 69928521 | | | | | | 1 |
| RI-VAL-RE COLT NIKALA-ET | USA 69928491 | | | | | | |
| RI-VAL-RE COLT PIXY-RED-ET | USA 69928497 | C | | | | | |
| RI-VAL-RE CORY ZIMA | USA 69810483 | | | | | | |
| RI-VAL-RE CPG OPRAH11047-ET | 840003126218741 | | | | | | |
| RI-VAL-RE CPR MARVEL-RED-ET | USA 72829730 | | | | | | |
| RI-VAL-RE CPTGN OPL11053-ET | 840003126822715 | | | | | | |
| RI-VAL-RE CT DIANA-P-RED-ET | USA 69928520 | | | | | | |
| RI-VAL-RE CUSTOM SHARKY-ET | USA 69928483 | | | | | | |
| RI-VAL-RE DADDY 3277-ET | 840003010269772 | | | | | | 3 |
| RI-VAL-RE DAISY DEL 9021-ET | 840003129825794 | | | | | | |
| RI-VAL-RE DAMARIS 1527-ET | USA 73697650 | C | | | | | |
| RI-VAL-RE DAMARIS 1588-ET | USA 73697711 | | | | | | |
| RI-VAL-RE DAMARIS 1591-ET | USA 73697714 | | | | | | |
| RI-VAL-RE DAMARIS 1597-ET | USA 73697720 | | | | | | |
| RI-VAL-RE DAMARIS CASHY-ET | USA 73697605 | | | | | | |
| RI-VAL-RE DAMARIS NEO-P-ET | USA 73697708 | | | | | | |
| RI-VAL-RE DAMARIS YAHOO-ET | 840003133202225 | | | | | | |
| RI-VAL-RE DARKROSE-RED-ET | USA 64621432 | C | | | | | |
| RI-VAL-RE DAY ELECTRA-ET | USA 71259266 | | | | | | 1 |
| RI-VAL-RE DAY ELEGANCE-ET | USA 71259260 | | | | | | |
| RI-VAL-RE DAY ERIN-ET | USA 71259265 | | | | | | 1 |
| RI-VAL-RE DBE DOWNER-RED-ET | USA 73697455 | | | | | | |
| RI-VAL-RE DEAN AMIGA | USA 71259277 | | | | | | |
| RI-VAL-RE DEB BEAUTY-RED-ET | USA 73697457 | | | | | | |
| RI-VAL-RE DEDUCT APRIL-ET | USA 73697281 | | | | | | |
| RI-VAL-RE DEDUCT FOUR-P-ET | USA 73697259 | | | | | | |
| RI-VAL-RE DEDUCT NOVA-P-ET | USA 73697246 | | | | | | |
| RI-VAL-RE DEDUCT POLLY-P-ET | USA 73697257 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE DEDUCT RILEY-ET | USA 73697274 | | | | | | |
| RI-VAL-RE DEDUCT SIMBA-P-ET | USA 73697258 | | | | | | |
| RI-VAL-RE DEDUCT-P-ET | USA 73697245 | | | | | | |
| RI-VAL-RE DEDUCTIVE DIA-ET | USA 73697234 | | | | | | |
| RI-VAL-RE DEFINE ACE-P | USA 71259214 | | | | | | |
| RI-VAL-RE DEFINE WINNIE-ET | USA 71259251 | | | | | | |
| RI-VAL-RE DEL SANGRIA-P-ET | USA 73697596 | | | | | C | |
| RI-VAL-RE DELECT SNOW-P-ET | USA 73697300 | | | | | | |
| RI-VAL-RE DELT SUNSHINE-ET | 840003132826685 | | | | | | |
| RI-VAL-RE DELTA 1496-ET | USA 73697619 | | | | | | |
| RI-VAL-RE DELTA 1497-ET | USA 73697620 | | | | | | |
| RI-VAL-RE DELTA 1499-ET | USA 73697622 | | | | | | |
| RI-VAL-RE DELTA 1504-ET | USA 73697627 | | | | | | |
| RI-VAL-RE DELTA 1506-ET | USA 73697629 | | | | | | |
| RI-VAL-RE DELTA 1531-ET | USA 73697654 | | | C | | | |
| RI-VAL-RE DELTA 1536-ET | USA 73697659 | | | | | | |
| RI-VAL-RE DELTA 1537-ET | USA 73697660 | | | | | | |
| RI-VAL-RE DELTA 1538-ET | USA 73697661 | | | | | | |
| RI-VAL-RE DELTA 1541-ET | USA 73697664 | | | | | | |
| RI-VAL-RE DELTA 1545-ET | USA 73697668 | | | | | | |
| RI-VAL-RE DELTA 1546-ET | USA 73697669 | | | | | | |
| RI-VAL-RE DELTA 1558-ET | USA 73697681 | | | | | C | |
| RI-VAL-RE DELTA 1560-ET | USA 73697683 | | | | | | |
| RI-VAL-RE DELTA 1581-ET | USA 73697704 | | | | | C | |
| RI-VAL-RE DELTA 1592-ET | USA 73697715 | | | | | | |
| RI-VAL-RE DELTA 4192-ET | 840003131564344 | | | | | | |
| RI-VAL-RE DELTA 4197-ET | 840003131564349 | | | | | C | |
| RI-VAL-RE DELTA 4200-ET | 840003131564352 | | | | | | |
| RI-VAL-RE DELTA 4201-ET | 840003131564353 | | | | | C | |
| RI-VAL-RE DELTA 4202-ET | 840003131564354 | | | | | | |
| RI-VAL-RE DELTA 4207-ET | 840003131564359 | | | | | | |
| RI-VAL-RE DELTA 6675-ET | USA 73953702 | | | | | | |
| RI-VAL-RE DELTA 696-RED-ET | USA 74261071 | | | | | | |
| RI-VAL-RE DELTA 697-RED-ET | USA 74261072 | | | | | | |
| RI-VAL-RE DELTA 698-RED-ET | USA 74261073 | | | | | | |
| RI-VAL-RE DELTA 700-ET | USA 74261075 | | | | | | |
| RI-VAL-RE DELTA 751-ET | 840003134167080 | | | | | | |
| RI-VAL-RE DELTA 752-ET | 840003134167081 | | | | | | |
| RI-VAL-RE DELTA ANNGIE-P-ET | USA 73697684 | | | | | | |
| RI-VAL-RE DELTA BEZZY-ET | 840003133202167 | | | | | | |
| RI-VAL-RE DELTA BINKY-ET | USA 73697653 | | | C | | | |
| RI-VAL-RE DELTA BLACK-ET | USA 73697599 | | | | | C | |
| RI-VAL-RE DELTA CANDICE-ET | USA 73697646 | | | | | | |
| RI-VAL-RE DELTA CINI-RED-ET | USA 73697713 | | | | | | |
| RI-VAL-RE DELTA CLARKE-P-ET | USA 73697625 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE DELTA CRIME-P-ET | USA 73697686 | | | | | | |
| RI-VAL-RE DELTA DANNA-ET | USA 73697609 | | | | | | |
| RI-VAL-RE DELTA DENTAL-ET | USA 73697555 | | | | | | |
| RI-VAL-RE DELTA DIEGA-ET | USA 73697557 | | | | | | |
| RI-VAL-RE DELTA DIPPER-P-ET | USA 73697541 | | | | | | |
| RI-VAL-RE DELTA DOOZY-ET | 840003133202168 | | | | | | |
| RI-VAL-RE DELTA EMBER-ET | USA 73697640 | | | | | | |
| RI-VAL-RE DELTA GEORGIA-ET | 840003133202160 | | | | | | |
| RI-VAL-RE DELTA GIGGLE-ET | USA 73697602 | | | | | | |
| RI-VAL-RE DELTA HOPEFUL-ET | 840003126003445 | | | | | | |
| RI-VAL-RE DELTA HOPPY-ET | 840003126003470 | | | | | | |
| RI-VAL-RE DELTA ISLE-ET | USA 73697658 | | | | | | |
| RI-VAL-RE DELTA JEMIMAH-ET | 840003133202249 | | | | | | |
| RI-VAL-RE DELTA KEISHA | USA 73697465 | | | | | | |
| RI-VAL-RE DELTA KRAM-ET | USA 73697667 | | | | | | |
| RI-VAL-RE DELTA MILKY-ET | USA 73697694 | | | | | | |
| RI-VAL-RE DELTA MIRI-ET | USA 73697493 | | | | | | |
| RI-VAL-RE DELTA MONEY-ET | 840003126003466 | | | | | | |
| RI-VAL-RE DELTA MSCALF-P-ET | USA 73697699 | | | | | | |
| RI-VAL-RE DELTA MUSE-ET | USA 73697487 | | | | | | |
| RI-VAL-RE DELTA MYSTERY-ET | USA 73697484 | | | | | | |
| RI-VAL-RE DELTA NADY-ET | USA 73697509 | | | | | | |
| RI-VAL-RE DELTA NASH-ET | USA 73697506 | | | | | | |
| RI-VAL-RE DELTA OAKKY-P-ET | USA 73697630 | | | | | | |
| RI-VAL-RE DELTA OCTAVIA-ET | USA 73697631 | | | C | | | |
| RI-VAL-RE DELTA OMI-P-ET | USA 73697590 | | | | | | |
| RI-VAL-RE DELTA ONE-P-ET | USA 73697698 | | | | | | |
| RI-VAL-RE DELTA OSHKOSH-ET | USA 73697692 | | | | | | |
| RI-VAL-RE DELTA OVAL-ET | USA 73697666 | | | | | | |
| RI-VAL-RE DELTA PIZZA-ET | 840003133202165 | | | | | | |
| RI-VAL-RE DELTA PRANCE-P-ET | USA 73697689 | | | | | | |
| RI-VAL-RE DELTA QUALIA-ET | 840003126003266 | | | | | | |
| RI-VAL-RE DELTA QUEENY-ET | USA 73697663 | | | | | | |
| RI-VAL-RE DELTA RACER-ET | 840003126003472 | | | | | | |
| RI-VAL-RE DELTA RAY-RED-ET | USA 73697641 | | | | | | |
| RI-VAL-RE DELTA RENE-ET | 840003126003428 | | | | | | |
| RI-VAL-RE DELTA REVOKE-ET | USA 73697670 | | | | | | |
| RI-VAL-RE DELTA RIRI-RED-ET | USA 73697721 | | | | | | |
| RI-VAL-RE DELTA RITA-ET | 840003126003257 | | | | | | |
| RI-VAL-RE DELTA ROO-ET | 840003126003255 | | | | | | |
| RI-VAL-RE DELTA RORO-ET | USA 73697624 | | | | | | |
| RI-VAL-RE DELTA SKYMILES-ET | 840003129209598 | | | | | | |
| RI-VAL-RE DELTA STARRY | 840003126003451 | | | | | | |
| RI-VAL-RE DELTA STASH-P-ET | USA 73697697 | | | | | | |
| RI-VAL-RE DELTA STYLE-P-ET | USA 73697696 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE DELTA SUNNY-ET | 840003133202164 | | | | | | |
| RI-VAL-RE DELTA SUNRISE-ET | 840003132826681 | | | | | | |
| RI-VAL-RE DELTA SUNSET-ET | 840003132826683 | | | | | | |
| RI-VAL-RE DELTA SUNSHINE-ET | USA 73697642 | | | | | | |
| RI-VAL-RE DELTA TEDDY-P-ET | USA 73697703 | | | | | C | |
| RI-VAL-RE DELTA TENYA-ET | USA 73697645 | | | | | | |
| RI-VAL-RE DELTA TIPSY-ET | USA 73697674 | | | | | | |
| RI-VAL-RE DELTA TOMMI-P-ET | USA 73697690 | | | | | | |
| RI-VAL-RE DELTA VI-P-ET | USA 73697584 | | | | | C | |
| RI-VAL-RE DELTA VIA-P-ET | USA 73697592 | | | | | C | |
| RI-VAL-RE DELTA VIX-P-ET | USA 73697589 | | | | | C | |
| RI-VAL-RE DELTA WING-P-ET | USA 73697561 | | | | | | |
| RI-VAL-RE DELTA WORRY-ET | USA 73697649 | | | | | | |
| RI-VAL-RE DELTA YAMM-ET | 840003133202242 | | | | | | |
| RI-VAL-RE DELTA YOOLIE-ET | 840003126003443 | | | | | | |
| RI-VAL-RE DENVER 1510-ET | USA 73697633 | | | | | | |
| RI-VAL-RE DENVER 1550-ET | USA 73697673 | | | | | C | |
| RI-VAL-RE DENVER 1552-ET | USA 73697675 | | | | | | |
| RI-VAL-RE DENVER ELLIE-ET | USA 73697672 | | | | | C | |
| RI-VAL-RE DENVER SAUCE-ET | USA 73697677 | | | | | | |
| RI-VAL-RE DESSY DEL 9030-ET | 840003129825803 | | | | | | |
| RI-VAL-RE DESTRY VIVIAN-ET | USA 66473681 | | | | | | 1 |
| RI-VAL-RE DFE ASTRONOMY-ET | USA 71259243 | | | | | | |
| RI-VAL-RE DGMA BEE-P-RED-ET | USA 73697284 | | C | C | | | |
| RI-VAL-RE DIAMOND-P-RED-ET | USA 72829569 | | | | | | |
| RI-VAL-RE DISTCTN ARIEL-ET | USA 72829782 | | | | | | |
| RI-VAL-RE DITTO NINA-ET | USA 69928541 | | | | | | |
| RI-VAL-RE DITTO REANNE-ET | USA 71259171 | | | | | | |
| RI-VAL-RE DL REDWING-RED-ET | USA 71259396 | C | | | | | |
| RI-VAL-RE DL WINGO-P-RED-ET | USA 71259391 | C | | | | | |
| RI-VAL-RE DLO NAPPA-P-ET | USA 73697349 | | | | | | |
| RI-VAL-RE DLO THIRTEEN-P-ET | USA 72829516 | | | | | | |
| RI-VAL-RE DLTA BABY ISLE-ET | USA 73697665 | | | | | | |
| RI-VAL-RE DNTLLO ELUSION-ET | 840003010265112 | | | | | | |
| RI-VAL-RE DNVER LIQUID-P-ET | USA 73697682 | | | | | | |
| RI-VAL-RE DO ALANA P-RED-ET | USA 74315182 | | | | | | |
| RI-VAL-RE DOGMA DARCY-ET | USA 73697278 | | | | | | |
| RI-VAL-RE DOLCE DESTINY-ET | USA 69928462 | | | | | | 1 |
| RI-VAL-RE DOLCE LIVARA-ET | USA 69928463 | | | | | | |
| RI-VAL-RE DOLO ACE-RED-ET | USA 72829524 | C | | | | | |
| RI-VAL-RE DOLO ADVIE-P-ET | USA 72829514 | C | | | | | |
| RI-VAL-RE DOLO APPLE-ET | USA 72829525 | | | | | | |
| RI-VAL-RE DOLO DARVA-P-ET | USA 71259349 | | | | | | |
| RI-VAL-RE DOLO DEENA-ET | USA 71259348 | | | | | | |
| RI-VAL-RE DOLO DEENA-P-ET | USA 71259414 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE DOLO DESSIE-ET | USA 72829520 | | | | | | |
| RI-VAL-RE DOLO DIXIE-RED-ET | USA 72829532 | | | | | | |
| RI-VAL-RE DOLO DUCKY-P-ET | USA 71259406 | | | | | | |
| RI-VAL-RE DOLO ELECTRA-P-ET | USA 72829542 | | | | | | |
| RI-VAL-RE DOLO ELLE-P-ET | USA 71259410 | | | | | | |
| RI-VAL-RE DOLO ERIEL-ET | USA 72829527 | | | | | | |
| RI-VAL-RE DOLO EVA-ET | USA 72829522 | | | | | | |
| RI-VAL-RE DOLO NIKE 1-ET | USA 72829528 | | | | | | 1 |
| RI-VAL-RE DOLO NIRVANA-ET | USA 71259394 | | | | | | 1 |
| RI-VAL-RE DOLO NOOBIE-ET | USA 71259390 | | | | | | 1 |
| RI-VAL-RE DOLO OAKLEY-ET | USA 71259379 | | | | | C | |
| RI-VAL-RE DOLO PERKY-P-ET | USA 72829546 | | | | | | |
| RI-VAL-RE DOLO REETA-P-ET | USA 72829521 | C | | | | | |
| RI-VAL-RE DOLO SIZZLE-P-ET | USA 72829515 | | | | | | |
| RI-VAL-RE DOLO WANDA-ET | USA 71259418 | | | | | | 1 |
| RI-VAL-RE DOMAIN RILEY-ET | USA 66473663 | | | | | | |
| RI-VAL-RE DOMAIN RUBY P-ET | USA 66473666 | | | | | | |
| RI-VAL-RE DONATLLO ELLIE-ET | 840003010265114 | | | | | | |
| RI-VAL-RE DONT LIE-ET | USA 72829595 | | | | | | |
| RI-VAL-RE DONT TELL ME-ET | USA 72829594 | | | | | | |
| RI-VAL-RE DONTLLO ASHLYN-ET | USA 72829580 | | | | | | |
| RI-VAL-RE DONTLLO ELLA-ET | USA 72829592 | | | | | C | |
| RI-VAL-RE DONTLO AVERI-ET | USA 72829568 | | | | | | |
| RI-VAL-RE DOORMAN ELE-ET | USA 72829692 | | | | | | |
| RI-VAL-RE DOORMAN NAN-ET | USA 73697286 | | | | | | |
| RI-VAL-RE DOORMAN ROSE-ET | USA 72829719 | | | | | | |
| RI-VAL-RE DOORMAN ZEUS-ET | USA 72829809 | | | | | C | |
| RI-VAL-RE DOORMAN ZINA-ET | USA 72829807 | | | | | C | |
| RI-VAL-RE DORCY ALICE-ET | USA 69928486 | | | | | | |
| RI-VAL-RE DORCY ANNIE-ET | USA 69928489 | | | | | | |
| RI-VAL-RE DORCY DONNA-ET | USA 69928495 | | | | | | |
| RI-VAL-RE DORCY EVETTE | USA 69928512 | C | | | | | |
| RI-VAL-RE DORCY FRAN-ET | USA 69928488 | | | | | | |
| RI-VAL-RE DORCY SHARROL-ET | USA 69928493 | | | | | | |
| RI-VAL-RE DORCY ZEENA-ET | USA 69928494 | | | | | | |
| RI-VAL-RE DORCY ZELU-ET | USA 69928490 | | | | | | |
| RI-VAL-RE DORCY ZIBBIE-ET | USA 69928487 | | | | | | |
| RI-VAL-RE DOUBLE APPLE-P-ET | USA 73697411 | | | | | | |
| RI-VAL-RE DRACO ALYSON-ET | 840003128648842 | | | | | C | |
| RI-VAL-RE DRACO NADY-ET | USA 73697593 | | | | | | |
| RI-VAL-RE DRACO SALLY-ET | 840003128648841 | | | | | | |
| RI-VAL-RE DRACO SELENA-ET | 840003128648840 | | | | | | 1 |
| RI-VAL-RE DRACO WORLD-ET | USA 73697595 | | | | | | |
| RI-VAL-RE DRC SUPERSAUCE-ET | USA 73697604 | | | | | | 1 |
| RI-VAL-RE DRHM BLACKWING-ET | USA 64621431 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE DRHM ELECT ME-ET | USA 64621443 | | | | | | |
| RI-VAL-RE DRMAN DORY-RED-ET | USA 72829738 | | | | | C | |
| RI-VAL-RE DVCI DLTA 9195-ET | 840003129825968 | | | | | | |
| RI-VAL-RE E RUBIES-P-RED-ET | USA 71259395 | | | | | | |
| RI-VAL-RE E RUTHY-P-RED-ET | USA 71259403 | | | | | | |
| RI-VAL-RE EARNIT CAROLYN-ET | USA 66473524 | | | | | | |
| RI-VAL-RE EARNIT LEANN-ET | USA 66473422 | | | | | | |
| RI-VAL-RE EF QUINN-P-ET | USA 71259362 | | | | | | |
| RI-VAL-RE EF RILEY-RED-ET | USA 71259400 | | | | | | |
| RI-VAL-RE EF WINCIE-P-ET | USA 71259360 | | | | | | |
| RI-VAL-RE EFCT LIMIT-RED-ET | USA 73276743 | | | | | | 1 |
| RI-VAL-RE EFECT NORA 501-ET | USA 73276723 | | | | | | 1 |
| RI-VAL-RE EFF HOMELY-RED-ET | USA 71259393 | | | | | | |
| RI-VAL-RE EFF HONEY-P-ET | USA 72829699 | | | | | | |
| RI-VAL-RE EFFECT FIFI-P-ET | USA 71259322 | | | | | | |
| RI-VAL-RE EFFECT NOW-P-ET | USA 71259312 | | | | | | 1 |
| RI-VAL-RE EFFECT ROLLIE-ET | USA 71259386 | | | | | | |
| RI-VAL-RE EH SWEETY-P-ET | USA 72829553 | | | | | | |
| RI-VAL-RE EHARD WINNY-P-ET | USA 72829604 | C | | | | | |
| RI-VAL-RE EHARDT AVA-ET | USA 71259420 | | | | | | |
| RI-VAL-RE EHARDT BEIL-P-ET | USA 71259426 | | | | | | |
| RI-VAL-RE EHARDT CHIPS-P-ET | USA 71259405 | | | | | | |
| RI-VAL-RE EHARDT DESSIE-ET | USA 71259334 | | | | | C | |
| RI-VAL-RE EHARDT DESSY-ET | USA 71259425 | | | | | | |
| RI-VAL-RE EHARDT DIMPLES-ET | USA 71259332 | | | | | C | |
| RI-VAL-RE EHARDT EGYPT-P-ET | USA 71259412 | | | | | | |
| RI-VAL-RE EHARDT ELITE-P-ET | USA 71259413 | | | | | | |
| RI-VAL-RE EHARDT ELY MAE-ET | USA 71259422 | | | | | | |
| RI-VAL-RE EHARDT ERIN-P-ET | USA 71259337 | | | | | | |
| RI-VAL-RE EHARDT EVIE-ET | USA 71259421 | | | | | | |
| RI-VAL-RE EHARDT GRAMMY | USA 72829752 | | | | | | |
| RI-VAL-RE EHARDT GUAC-P-ET | USA 71259407 | | | | | | |
| RI-VAL-RE EHARDT HAITI-ET | USA 72829544 | | | | | | |
| RI-VAL-RE EHARDT HAZE-ET | USA 71259361 | | | | | | |
| RI-VAL-RE EHARDT LILLY-P-ET | USA 72829614 | | | | | | 1 |
| RI-VAL-RE EHARDT NIK-ET | USA 71259408 | | | | | | |
| RI-VAL-RE EHARDT NOKIE-P-ET | USA 71259423 | | | | | | |
| RI-VAL-RE EHARDT PHILA-P-ET | USA 72829621 | | | | | | |
| RI-VAL-RE EHARDT ROSEY-ET | USA 72829600 | | | | | | |
| RI-VAL-RE EHARDT RUE-P-ET | USA 72829601 | | | | | | |
| RI-VAL-RE EHARDT TEENA-P-ET | USA 71259417 | | | | | | |
| RI-VAL-RE EHARDT TRAGIC-ET | USA 71259415 | | | | | | |
| RI-VAL-RE EHARDT TULIP-P-ET | USA 71259364 | | | | | | |
| RI-VAL-RE EHARDT WIGGLE-P | USA 72829784 | | | | | | |
| RI-VAL-RE EHARDT WING-P-ET | USA 71259389 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016
# (Blank=Tested-Free, C=Carrier)  Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE EHARDT WINNY-P-ET | USA 71259409 | C | | | | | |
| RI-VAL-RE EHDT NADINE-P-ET | USA 71259340 | | | | | | |
| RI-VAL-RE EHDT NIKOLE-P-ET | USA 72829556 | | | | | | 1 |
| RI-VAL-RE EHRDT DAISY-P-ET | USA 71259333 | | | | | C | |
| RI-VAL-RE EHRDT DELLIA-P-ET | USA 71259428 | C | | | | | |
| RI-VAL-RE EHRDT EAGLE-P-ET | USA 71259427 | | | | | | |
| RI-VAL-RE EHRDT POOKIE-P-ET | USA 71259424 | | | | | | |
| RI-VAL-RE EHRDT WINGZ-P-ET | USA 72829513 | | | | | | |
| RI-VAL-RE EHRT DIAMOND-P-ET | USA 71259331 | | | | | C | |
| RI-VAL-RE EL B ANNIE-ET | USA 73697407 | | | | | | |
| RI-VAL-RE EL B LADDY-ET | USA 73697490 | | | | | | |
| RI-VAL-RE EL B SIGGY-ET | USA 73697491 | | | | | | |
| RI-VAL-RE EL BARBIE-ET | USA 73697410 | | | | | | |
| RI-VAL-RE EL BASHFUL-ET | USA 73697408 | | | | | | |
| RI-VAL-RE EL BAZOOKA-ET | USA 73697489 | | | | | | |
| RI-VAL-RE EL BEATRICE-ET | USA 73697406 | | | | | | |
| RI-VAL-RE EL BLISSFUL-ET | USA 73697404 | | | | | | |
| RI-VAL-RE EL BO BO-ET | USA 73697492 | | | | | | |
| RI-VAL-RE EL BOMBINA-ET | USA 73697386 | | | | | | |
| RI-VAL-RE EL BONNIE-ET | USA 73697417 | | | | | | |
| RI-VAL-RE EL MS BEATRICE-ET | USA 73697421 | | | | | | |
| RI-VAL-RE ELAYO RUBY-RED-ET | USA 64621475 | C | | | | | |
| RI-VAL-RE ELEGANT DIEDRA-ET | USA 63203677 | | C | | | | |
| RI-VAL-RE ELEGANT ONES-ET | USA 63203678 | | | | | | |
| RI-VAL-RE ELLA DLTA 9020-ET | 840003129825793 | | | | | | |
| RI-VAL-RE ELLA DLTA 9028-ET | 840003129825801 | | | | | | |
| RI-VAL-RE EMISSION DARCY-ET | USA 71259170 | | | | | | |
| RI-VAL-RE ENTAIL RUE-P-ET | USA 73697709 | | | | | | |
| RI-VAL-RE EPIC RILEY-ET | USA 71259189 | | | | | | |
| RI-VAL-RE EPIC SARAH-ET | USA 71259278 | | | | | | 1 |
| RI-VAL-RE EPIC SASSY-ET | USA 71259287 | | | | | | 1 |
| RI-VAL-RE EPIC SHARMAINE-ET | USA 71259184 | | | | | | |
| RI-VAL-RE EPIC SHARMIN-ET | USA 71259280 | | | | | | 1 |
| RI-VAL-RE EPIC SHAROL-ET | USA 71259281 | | | | | | 1 |
| RI-VAL-RE EPIC SPECIAL-ET | USA 71259286 | | | | | | 1 |
| RI-VAL-RE EPIC SUZZY-ET | USA 71259279 | | | | | | |
| RI-VAL-RE EPIC SYRUP-ET | USA 71259284 | | | | | | |
| RI-VAL-RE EPIC WINZEL-ET | USA 71259240 | | | | | | |
| RI-VAL-RE ERASER PEAR-ET | USA 73697446 | | | | | | |
| RI-VAL-RE EVT GIGGLE-RED-ET | 840003124690065 | | | | | | |
| RI-VAL-RE EXPLD AMBITION-ET | USA 71259145 | | | | | C | |
| RI-VAL-RE EXPLODE ADELE-ET | 840003008380680 | | | | | | |
| RI-VAL-RE EXPLODE ASIA-ET | 840003010975195 | | | | | | |
| RI-VAL-RE EXPLODE DRAGA | USA 71259158 | | | | | | |
| RI-VAL-RE EXPLODE REEBOK-ET | USA 71259131 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016
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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE FAB BLACKY-RED-ET | USA 73697409 | | | | | | |
| RI-VAL-RE FACEBOOK NINE-ET | USA 69928552 | | | | | | 1 |
| RI-VAL-RE FAWN-ET | USA 60815353 | | | | | | |
| RI-VAL-RE FCEBOOK NADINE-ET | USA 69928551 | | | | | | 1 |
| RI-VAL-RE FLAME CIA-ET | USA 73697420 | | | | | | |
| RI-VAL-RE FLAME DESSIE-ET | USA 73697394 | | | | | | |
| RI-VAL-RE FLAME RIHANNA-ET | USA 73697390 | | | | | | |
| RI-VAL-RE FLAME RILEY-ET | USA 73697392 | | | | | | |
| RI-VAL-RE FLAMIN CHEETOS-ET | USA 72829806 | | C | | | | |
| RI-VAL-RE FLME BETTY BOP-ET | USA 72829811 | | | C | | | |
| RI-VAL-RE FLME ELITE-RED-ET | USA 73697273 | | | | | | |
| RI-VAL-RE FRANZ QUINCIE-ET | USA 71259150 | C | | | | C | |
| RI-VAL-RE FREDDIE KLASSY-ET | USA 66473647 | | | | | | 1 |
| RI-VAL-RE FREDDIE KYRA-ET | USA 66473651 | | | | | | 1 |
| RI-VAL-RE FREDDIE NEMO-ET | USA 69928446 | | | | | | |
| RI-VAL-RE FREDDIE NIKE-ET | USA 69928456 | | | | | | |
| RI-VAL-RE FREDDIE QUESI | USA 69928509 | | | | | | |
| RI-VAL-RE FREDDIE SUPER-ET | USA 69928467 | | | | | | |
| RI-VAL-RE G EVE-P-RED-ET | USA 72829683 | | | | | | |
| RI-VAL-RE GALAXY JULIE-ET | USA 72829617 | | | | | | |
| RI-VAL-RE GALAXY MIKKY-ET | USA 72829523 | | | | | | 1 |
| RI-VAL-RE GALAXY MISHA-ET | USA 72829526 | | | | | | 1 |
| RI-VAL-RE GALAXY NIKKEL-ET | USA 72829613 | | | | | | |
| RI-VAL-RE GALAXY VIOLET-ET | USA 72829616 | | | | | | 1 |
| RI-VAL-RE GALAXY WILEY-ET | USA 72829612 | | | | | | |
| RI-VAL-RE GARRET SPECIAL-ET | USA 69928481 | | | | | | |
| RI-VAL-RE GIVEAWAY-P-RED-ET | USA 73697253 | | | | | | |
| RI-VAL-RE GLD CHP ALEXA-ET | USA 71259133 | | | | | | |
| RI-VAL-RE GLD CHP EVE-ET | USA 71259146 | | | | | | |
| RI-VAL-RE GLD CHP IZZAY-ET | USA 69928544 | | | | | | |
| RI-VAL-RE GLD CHP LIZZY-ET | USA 71259144 | | | | | | |
| RI-VAL-RE GLD CHP SPLASH-ET | USA 69928538 | | | | | | |
| RI-VAL-RE GOLD ADEEN-ET | USA 64621413 | | | | | | 1 |
| RI-VAL-RE GOLD ALYSSIA-ET | USA 65249825 | | | | | | |
| RI-VAL-RE GOLD CHARM-ET | USA 64621423 | | | | | | 1 |
| RI-VAL-RE GOLDEN AVERI-P-ET | USA 72829633 | | | | | | |
| RI-VAL-RE GOLDEN GIRL-P-ET | USA 72829630 | | | | | | |
| RI-VAL-RE GOLDEN NIKKI-P-ET | USA 72829643 | | | | | | |
| RI-VAL-RE GOLDEN NUKE-P-ET | USA 72829636 | | | | | | |
| RI-VAL-RE GOLDEN PEPSI-P-ET | USA 72829645 | | | | | | |
| RI-VAL-RE GOLDEN QUI-P-ET | USA 72829640 | | | | | | 1 |
| RI-VAL-RE GOLDEN RITA-P-ET | USA 72829623 | | | | | | |
| RI-VAL-RE GOLDEN VI-P-ET | USA 72829625 | | | | | | |
| RI-VAL-RE GOLDWYN CHARM-ET | USA 63203669 | | | | | | 1 |
| RI-VAL-RE GOLDWYN NADINE | USA 62067960 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE GOLDWYN NORA-ET | USA 62067938 | | | | | | 1 |
| RI-VAL-RE GP AERO-P-RED-ET | USA 72829641 | C | | | | | |
| RI-VAL-RE GP APPLE-P-RED-ET | USA 72829665 | | | | | | |
| RI-VAL-RE GP DAZE-P-RED-ET | USA 72829634 | | | | | | |
| RI-VAL-RE GP EVERY-P-RED-ET | USA 72829702 | | | | | | |
| RI-VAL-RE GP GAL-P-RED-ET | USA 72829637 | | | | | | |
| RI-VAL-RE GP HAZEL-P-RED-ET | USA 72829695 | | | | | | |
| RI-VAL-RE GP LAV A-P-RED-ET | USA 72829629 | | | | | | |
| RI-VAL-RE GP LOLA-P-RED-ET | USA 72829639 | C | | | | | |
| RI-VAL-RE GP MOO-P-RED-ET | USA 72829642 | C | | | | | |
| RI-VAL-RE GP RIRI-P-RED-ET | USA 72829624 | | | | | | |
| RI-VAL-RE GP SALSA-P-RED-ET | USA 72829685 | | | | | | |
| RI-VAL-RE GP SALV-P-RED-ET | USA 72829644 | C | | | | | |
| RI-VAL-RE GP SALWA-P-RED-ET | USA 72829669 | | | | | | |
| RI-VAL-RE GP SHAMY-P-RED-ET | USA 72829681 | | | | | | |
| RI-VAL-RE GP WINGS-P-RED-ET | USA 72829693 | | | | | | |
| RI-VAL-RE GP YOLO-P-RED-ET | USA 72829638 | C | | | | | |
| RI-VAL-RE GPP ANNA-P-ET | USA 72829673 | | | | | | |
| RI-VAL-RE GPP APPLANA-P-ET | USA 72829674 | | | | | | |
| RI-VAL-RE GPP ASULA-P-ET | USA 72829701 | | | | | | |
| RI-VAL-RE GPP CHER-P-ET | USA 72829656 | | | | | | |
| RI-VAL-RE GPP DAISY-P-ET | USA 72829686 | | | | | C | |
| RI-VAL-RE GPP DIVA-P-RED-ET | USA 72829628 | | | | | | |
| RI-VAL-RE GPP KIKA-P-RED-ET | USA 72829650 | | | | | | |
| RI-VAL-RE GPP KOOL-P-RED-ET | USA 72829671 | | | | | | |
| RI-VAL-RE GPP LAYDEN-P-ET | USA 72829708 | | | | | | |
| RI-VAL-RE GPP LEE-P-RED-ET | USA 72829626 | | | | | | |
| RI-VAL-RE GPP LILLY-P-ET | USA 72829652 | | | | | | |
| RI-VAL-RE GPP LIP-P-RED-ET | USA 72829653 | | | | | | |
| RI-VAL-RE GPP OLIVIA-P-ET | USA 72829676 | | | | | | |
| RI-VAL-RE GPP RIID-P-ET | USA 72829703 | | | | | | |
| RI-VAL-RE GPP ROSE-P-ET | USA 72829684 | | | | | | |
| RI-VAL-RE GPP RUBY-P-RED-ET | USA 72829680 | | | | | | |
| RI-VAL-RE GPP RUE-P-RED-ET | USA 72829698 | | | | | | |
| RI-VAL-RE GPP RULEZ-P-ET | USA 72829688 | | | | | | |
| RI-VAL-RE GPP RUNNO-P-ET | USA 72829682 | | | | | | |
| RI-VAL-RE GPP SPARK-P-ET | USA 72829710 | | | C | | | |
| RI-VAL-RE GPP TILLY-P-ET | USA 72829651 | | | | | | |
| RI-VAL-RE GPP TIPSY-P-ET | USA 72829697 | | | | | | |
| RI-VAL-RE GPP VICKY-ET | USA 72829661 | | | | | | |
| RI-VAL-RE GPP WING-P-RED-ET | USA 72829668 | | | | | | |
| RI-VAL-RE GPP WIZ-P-RED-ET | USA 72829655 | | | | | | |
| RI-VAL-RE GPP YOLO-P-ET | USA 72829663 | | | | | | |
| RI-VAL-RE GRACIOUS 3665-ET | 840003130845173 | | | | | | |
| RI-VAL-RE GRAFEETI ALICE-ET | USA 71259163 | | | | | C | 1 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE GUN SPLASH-ET | 840003133202245 | | | | | | |
| RI-VAL-RE GUN SUSHI-ET | 840003133202246 | | | | | | |
| RI-VAL-RE HALGN ROSE-RED-ET | USA 73697313 | | | | | | |
| RI-VAL-RE HALGN RUBY-RED-ET | USA 73697314 | | | | | | |
| RI-VAL-RE HALO ANNIE-ET | USA 73697332 | | | | | | |
| RI-VAL-RE HALO APRICOT-ET | USA 73697356 | | | | | | |
| RI-VAL-RE HALO EMERY-ET | USA 73697345 | | | | | | |
| RI-VAL-RE HALO KILO-ET | USA 73697339 | | | | | | |
| RI-VAL-RE HALO SIRI-ET | USA 73697334 | | | | | | |
| RI-VAL-RE HALO WYNONA-ET | USA 73697346 | | | | | | |
| RI-VAL-RE HALOGEN 9225-ET | 840003129825998 | | | | | | |
| RI-VAL-RE HALOGEN 9227-ET | 840003129826000 | C | | | | | |
| RI-VAL-RE HALOGEN 9237-ET | 840003129826010 | | | | | | |
| RI-VAL-RE HALOGEN ARRIE-ET | USA 73697319 | | | | | | |
| RI-VAL-RE HALOGEN GIN-ET | USA 73697360 | | | | | | |
| RI-VAL-RE HALOGEN VI-ET | USA 73639349 | | | | | | |
| RI-VAL-RE HALOGEN VISA-ET | USA 73639352 | | | | | | |
| RI-VAL-RE HARMONY 11255-ET | 840003128769153 | | | | | | |
| RI-VAL-RE HIGHWAY NATTIE-ET | USA 71259231 | | | | | | |
| RI-VAL-RE HIGHWAY REANN-ET | USA 71259234 | | | | | | 1 |
| RI-VAL-RE HOMRN NIK-ET | USA 73697474 | | | | | | |
| RI-VAL-RE HOPE RILEY-ET | USA 73697717 | | | | | | |
| RI-VAL-RE HOPE RUBY-ET | USA 73697716 | | | | | | |
| RI-VAL-RE HOPE-ET | USA 73697570 | | | | | | |
| RI-VAL-RE JABIR ADEEN-ET | USA 73697260 | | | | | | |
| RI-VAL-RE JABIR EARLY-P-ET | USA 73697297 | | | | | | |
| RI-VAL-RE JABIR EGGSY-P-ET | USA 73697295 | | | | | | |
| RI-VAL-RE JABIR EZRA-P-ET | USA 73697291 | | | | | | |
| RI-VAL-RE JABIR FIERCE-ET | USA 73697243 | | | | | | |
| RI-VAL-RE JABIR HUNY-ET | USA 73697290 | | | | | | |
| RI-VAL-RE JABIR JIGGLES-ET | USA 73697233 | | | | | | |
| RI-VAL-RE JABIR JUMMPY-ET | USA 73697289 | | | | | | |
| RI-VAL-RE JABIR JUNO-RED-ET | USA 73697302 | | | | | | |
| RI-VAL-RE JABIR LAPPY-ET | USA 73697238 | | | | | | |
| RI-VAL-RE JABIR MAGIC-P-ET | USA 73697292 | | | | | | |
| RI-VAL-RE JABIR MOON-ET | USA 73697298 | | | | | | |
| RI-VAL-RE JABIR SPOTTIE-ET | USA 73697306 | | | | | | |
| RI-VAL-RE JABIR STICKY-ET | USA 73697239 | | | | | | |
| RI-VAL-RE JABIR TRIX-ET | USA 73697242 | | | | | | |
| RI-VAL-RE JABIR VI-ET | USA 73697301 | | | | | | |
| RI-VAL-RE JABR FOOLS-RED-ET | USA 73697294 | | | | | | |
| RI-VAL-RE JACEY PUMA-ET | USA 73697451 | | | | | | |
| RI-VAL-RE JASPER ELUX-ET | USA 64621573 | | | | | | |
| RI-VAL-RE JAX AIKE-P-RED-ET | USA 73697722 | | | | | | |
| RI-VAL-RE JAX SKYE-P-RED-ET | USA 73697718 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE JAX SKYE-RED-ET | 840003133202149 | | | | | | |
| RI-VAL-RE JB JIGGLES-RED-ET | USA 73697248 | | | | | | |
| RI-VAL-RE JEEVES ECLIPSE-ET | USA 66473510 | C | | | | | |
| RI-VAL-RE JEEVES LUCY-ET | USA 66473415 | | | | | | |
| RI-VAL-RE JEEVES NIKALA-ET | USA 66473432 | C | | | | | |
| RI-VAL-RE JEEVES NIKE-ET | USA 66473414 | | | | | | |
| RI-VAL-RE JEEVES NORINE-ET | USA 66473453 | | | | | | 1 |
| RI-VAL-RE JEEVES NOVA-ET | USA 66473504 | C | | | | | |
| RI-VAL-RE JEROD CHANCE-ET | USA 73697305 | | | | | | |
| RI-VAL-RE JEROD MICHAELA-ET | USA 72829551 | | | | | C | |
| RI-VAL-RE JEROD MONROE-ET | USA 72829555 | | | | | C | |
| RI-VAL-RE JEROD OPTIMISM-ET | USA 73697316 | | | | | | |
| RI-VAL-RE JEROD PUMA-ET | USA 72829763 | | | | | | |
| RI-VAL-RE JESTHER NINA-ET | USA 60403543 | | | | | | |
| RI-VAL-RE JOBESS LUCY LU | USA 66473514 | C | | | | | |
| RI-VAL-RE JOESUPER VICTORIA | 840003130068057 | | | | | | |
| RI-VAL-RE JOSUPER 690-ET | USA 74261065 | | | | | | 1 |
| RI-VAL-RE JOSUPER APPLE-ET | USA 73697468 | | | | | | |
| RI-VAL-RE JOSUPER ASPECT-ET | USA 73697466 | | | | | | |
| RI-VAL-RE JOSUPER HOPE | USA 73697594 | | | | | | |
| RI-VAL-RE JOSUPER MILKY-ET | USA 73697582 | | | | | | |
| RI-VAL-RE JOSUPER RITA-P-ET | USA 73697616 | | | | | | |
| RI-VAL-RE JOSUPER ROSE-P-ET | USA 73697617 | | | | | | |
| RI-VAL-RE JPSUPER VI-ET | USA 73697552 | | | | | | |
| RI-VAL-RE JS COIN-P-ET | USA 73697580 | | | | | | |
| RI-VAL-RE JS LADDY-P-ET | USA 73697579 | | | | | | 1 |
| RI-VAL-RE JS LASSY-P-ET | USA 73697577 | | | | | | 1 |
| RI-VAL-RE JSPR GIGGY-RED-ET | USA 73697553 | | | | | | |
| RI-VAL-RE JSTREAM CAROL-ET | USA 64621471 | | | | | | |
| RI-VAL-RE JSUP GIG-RED | USA 73697467 | | | | | | |
| RI-VAL-RE JSUPER 743 378-ET | 840003134167072 | | | | | | 1 |
| RI-VAL-RE JSUPER PROTEIN-ET | USA 73697583 | | | | | | |
| RI-VAL-RE JSUPER REE-P-ET | 840003126003454 | | | | | | |
| RI-VAL-RE JSUPER RUE-P-ET | 840003126003453 | | | | | | |
| RI-VAL-RE JSUPR MICHIGAN-ET | USA 73697601 | | | | | | |
| RI-VAL-RE K 1633 KATRINA-ET | USA 142604322 | | | C | | | |
| RI-VAL-RE KANU GRAVY-P-ET | USA 73697276 | | | | | | |
| RI-VAL-RE KANU KINA-P-ET | USA 73697277 | | | | | | |
| RI-VAL-RE KANU OUGHT-P-ET | USA 73697282 | | | | | | |
| RI-VAL-RE KB CLASSY-ET | USA 73697437 | | | | | | |
| RI-VAL-RE KB GINA-ET | 840003126003441 | | | | | | |
| RI-VAL-RE KB HOUDINI-ET | USA 73697429 | | | | | | |
| RI-VAL-RE KB NADINE-ET | USA 73697435 | | | | | | |
| RI-VAL-RE KB NIAGARA-ET | USA 73697475 | | | | | | |
| RI-VAL-RE KB PANGEA-ET | USA 73697426 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE KB WHITEWONDER-ET | USA 73697436 | | | | | | |
| RI-VAL-RE KBOY SHELBY-ET | USA 73697445 | | | | | | |
| RI-VAL-RE KENYA-PP-RED-ET | USA 73697359 | | | | | C | |
| RI-VAL-RE KG LOUIE-P-RED-ET | USA 73697326 | | | C | | | 1 |
| RI-VAL-RE KID PLAYDATE-ET | USA 69928410 | | | | | | |
| RI-VAL-RE KIESHA-P-RED-ET | USA 73697391 | | | | | C | |
| RI-VAL-RE KING ANNIE-ET | USA 73697430 | | | C | | | 1 |
| RI-VAL-RE KING DARLA-P-ET | USA 73697353 | | | | | C | |
| RI-VAL-RE KING DAY-P-RED-ET | USA 73697358 | | | | | | |
| RI-VAL-RE KING DOOSIE-P-ET | USA 73697352 | | | | | C | |
| RI-VAL-RE KING EVE-RED-ET | USA 73697329 | | | C | | | |
| RI-VAL-RE KING GIVA7-RED-ET | USA 73697324 | | | | | | 1 |
| RI-VAL-RE KING HOLI-P-ET | USA 73697328 | | | C | | | 1 |
| RI-VAL-RE KING HORNS-ET | USA 73697361 | | | C | | | |
| RI-VAL-RE KING JAZZ-P-ET | USA 73697354 | | | | | | |
| RI-VAL-RE KING KELLY-P-ET | USA 73697389 | | | | | | 1 |
| RI-VAL-RE KING LENA-P-ET | USA 73697337 | | | C | | | 1 |
| RI-VAL-RE KING LEONA-P-ET | USA 73697341 | | | C | | | |
| RI-VAL-RE KING LIZZ-P-ET | USA 73697355 | | | C | | | |
| RI-VAL-RE KING NIKKI-ET | USA 73697318 | | | | | | |
| RI-VAL-RE KING NONO-PP-ET | USA 73697357 | | | | | | |
| RI-VAL-RE KING ONESIE-ET | USA 73697405 | | | C | | | |
| RI-VAL-RE KING PAZ-P-ET | USA 73697348 | | | | | C | |
| RI-VAL-RE KING PEW-P-ET | USA 73697343 | | | | | C | 1 |
| RI-VAL-RE KING PIXY-P-ET | USA 73697322 | | | C | | | |
| RI-VAL-RE KING SALSA-ET | USA 73697454 | | | | | | |
| RI-VAL-RE KING TIA-RED-ET | USA 73697330 | | | | | | 1 |
| RI-VAL-RE KINGBOY ADDIE-ET | 840003126003471 | | | | | | |
| RI-VAL-RE KNU BETA-P-RED-ET | USA 73697293 | | C | C | | | |
| RI-VAL-RE KNU LADY-P-RED-ET | USA 73697280 | | | | | | |
| RI-VAL-RE KNU SNOW-P-RED-ET | USA 73697271 | | | C | | | |
| RI-VAL-RE KOOL ADRIENNE | USA 71259304 | | | | | | |
| RI-VAL-RE KOOL NIKE | USA 71259202 | | | | | C | |
| RI-VAL-RE L SWEETY-P-RED-ET | USA 64621549 | | | | | | |
| RI-VAL-RE LAD MACY-P-RED-ET | USA 71259228 | | | | | | 1 |
| RI-VAL-RE LAD RUBY-P-RED-ET | USA 71259201 | | | | | | 1 |
| RI-VAL-RE LADD LOLA-RED-ET | USA 71259230 | | | | | | |
| RI-VAL-RE LADD NIKE-P-ET | USA 71259208 | | | | | | 1 |
| RI-VAL-RE LAND ZIA-RED-ET | USA 64621481 | C | | | | | |
| RI-VAL-RE LARGE DOMINO-ET | USA 71259225 | C | | | | | |
| RI-VAL-RE LARGE FIJI-ET | USA 71259233 | | | | | | |
| RI-VAL-RE LARGE SHIRLEY-ET | USA 71259192 | | | | | | |
| RI-VAL-RE LARSON LEXI-P-RED | USA 69928519 | | | | | | 3 |
| RI-VAL-RE LATIMER PIXIE-ET | USA 71259354 | | | | | | 1 |
| RI-VAL-RE LAYNE BUCKLEY-ET | USA 71259399 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE LAYNE MACY-ET | USA 71259404 | | | | | | |
| RI-VAL-RE LAYNE RIZZA-ET | USA 73697287 | | | | | | |
| RI-VAL-RE LB CAROL-P-ET | USA 64621569 | | | | | | |
| RI-VAL-RE LB LIL TORY-ET | USA 64621550 | | | | | | 1 |
| RI-VAL-RE LB MINI-P-RED-ET | USA 66473496 | | | | | | |
| RI-VAL-RE LB ROSE-P-RED-ET | USA 64621516 | | | | | | |
| RI-VAL-RE LB RUBY-P-RED-ET | USA 64621522 | C | | | | | |
| RI-VAL-RE LB TORY-P-RED-ET | USA 64621501 | | | | | | |
| RI-VAL-RE LBOY 980-RED-ET | 840003004269534 | | | | | | |
| RI-VAL-RE LBOY ZIPPY-RED-ET | USA 64621509 | | | | | | |
| RI-VAL-RE LD MAN LUCY-P-ET | USA 73697388 | | | | | | |
| RI-VAL-RE LD MAN MINI-P-ET | USA 73697387 | | | | | C | |
| RI-VAL-RE LDP SUNRISE-ET | 840003011181669 | | | | | | 1 |
| RI-VAL-RE LDP SUNSET-RED-ET | 840003011181670 | | | | | | 1 |
| RI-VAL-RE LEADER ROXY | USA 60403502 | | C | | | | |
| RI-VAL-RE LGLD ADVANTAGE-ET | USA 72829707 | | | | | | |
| RI-VAL-RE LGLD BACARDI-ET | USA 72829726 | | | | | | 1 |
| RI-VAL-RE LGOLD ANDREA-P-ET | USA 72829748 | | | | | | |
| RI-VAL-RE LIL APPLE-ETS | 840003126003444 | | | | | | |
| RI-VAL-RE LIL GAL-P-RED-ET | USA 71259329 | | | | | | |
| RI-VAL-RE LIL NEMO-P-RED-ET | USA 73697607 | | | | | | |
| RI-VAL-RE LIQD GLD KETEL-ET | USA 72829712 | | | | | | |
| RI-VAL-RE LIQGLD SANTA-ET | USA 72829756 | | | | | | |
| RI-VAL-RE LIQUID GOLDIE-ET | USA 72829759 | | | | | | |
| RI-VAL-RE LITHIUM BRAZIL-ET | USA 71259250 | | | | | | |
| RI-VAL-RE LITHIUM NOELLE-ET | USA 71259318 | | | | | | 1 |
| RI-VAL-RE LITHIUM VALLEY-ET | USA 71259310 | | | | | | |
| RI-VAL-RE LITHIUM VIENNA-ET | USA 71259308 | | | | | | |
| RI-VAL-RE LITHIUM VISA-ET | USA 71259313 | | | | | | |
| RI-VAL-RE LOGAN ARIETTA-ET | USA 69810488 | | | C | | | |
| RI-VAL-RE LONG BINGO-ET | 840003012171415 | | | | | | |
| RI-VAL-RE LONG BUTTON-ET | 840003012171417 | | | | | | |
| RI-VAL-RE LONG HIPPY-ET | USA 73697227 | | | | | | |
| RI-VAL-RE LONG JIPSON-P-ET | USA 73697250 | | C | C | | | |
| RI-VAL-RE LONG PHILA-P-ET | USA 73697351 | | | | | | |
| RI-VAL-RE LONG PHILLIP-ET | USA 73697231 | | | | | | |
| RI-VAL-RE LONG RINGO-RED-ET | USA 73697247 | | C | | | | |
| RI-VAL-RE LONG ROSE-PP | USA 72829780 | | | | | | |
| RI-VAL-RE LONG ROSER-ET | USA 72829793 | | | | | | |
| RI-VAL-RE LONG SUGAR-ET | 840003012171416 | | | | | | |
| RI-VAL-RE LONG UNA-PP-ET | USA 72829783 | | | | | | |
| RI-VAL-RE LOTTA CHIPS-ET | USA 73697422 | | | | | | |
| RI-VAL-RE LOTTA SALSA-ET | USA 73697423 | | | | | | |
| RI-VAL-RE LOTTO DORCY-ET | USA 73697416 | | | | | | |
| RI-VAL-RE LOTTO MARTHA-ET | USA 73697412 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE LOTTO MEGAN-ET | USA 73697415 | | | | | | |
| RI-VAL-RE LOTTO MINNIE-ET | USA 73697414 | | | | | | |
| RI-VAL-RE LOTTO NADINE-ET | USA 73697461 | | | | | | |
| RI-VAL-RE LOTTO NIKKI-ET | USA 73697460 | | | | | | |
| RI-VAL-RE LOTTO PRISSY-ET | USA 73697463 | | | | | | |
| RI-VAL-RE LOU CYNTHIA | USA 63203739 | | | | | | |
| RI-VAL-RE LPL ACES-P-RED-ET | USA 66473489 | | | | | | |
| RI-VAL-RE LQ GLD PREMIUM-ET | USA 72829720 | | | | | | 1 |
| RI-VAL-RE LQD GLD ANDREA-ET | USA 72829721 | | | | | | |
| RI-VAL-RE LQD GLD BLU-ET | USA 72829724 | | | | | | 1 |
| RI-VAL-RE LQD GLD UNO-P-ET | USA 72829788 | | | | | | |
| RI-VAL-RE LQD GLD-ET | USA 72829722 | | | | | | |
| RI-VAL-RE M ZESTY-P-RED-ET | USA 66473678 | C | | | | | 1 |
| RI-VAL-RE M-LEADER NIKE | USA 64621530 | | | | | | |
| RI-VAL-RE MAC JEWEL-ET | USA 64621473 | C | | | | | |
| RI-VAL-RE MAC LEONA-ET | USA 64621504 | | | | | | |
| RI-VAL-RE MAC LIARA-ET | USA 64621503 | | | | | | |
| RI-VAL-RE MAC NORINE-ET | USA 64621583 | | | | | | |
| RI-VAL-RE MAC ROSE-ET | USA 64621430 | | | | | | |
| RI-VAL-RE MAC SIERRA-ET | USA 64621436 | | | | | C | |
| RI-VAL-RE MAC TINSEL | USA 64621449 | | | | | | |
| RI-VAL-RE MAC ZENITH-ET | USA 64621429 | | | | | | |
| RI-VAL-RE MACGNS ROSIE-ET | USA 69928413 | | | | | | |
| RI-VAL-RE MACK EPISODE-ET | USA 72829770 | | | | | | |
| RI-VAL-RE MACK MICKY D-ET | USA 72829775 | | | | | | |
| RI-VAL-RE MACK MOUTHY-ET | USA 73697235 | | | | | | |
| RI-VAL-RE MACK TWISTER-ET | USA 73697237 | | | | | | |
| RI-VAL-RE MADISON-RED-ET | USA 62068011 | | | | | | |
| RI-VAL-RE MAIN EDNA-ET | USA 73697378 | | | | | | |
| RI-VAL-RE MAIN EGYPT-ET | USA 73697379 | | | | | | |
| RI-VAL-RE MAIN ELECTRA-ET | USA 73697342 | | | | | | |
| RI-VAL-RE MAIN ELFIE-ET | USA 73697383 | | | | | | |
| RI-VAL-RE MAIN EMAZING-ET | USA 73697344 | | | | | | |
| RI-VAL-RE MAIN EMILEE-ET | USA 73697376 | | | | | | |
| RI-VAL-RE MANAT CHARITY-ET | USA 60403519 | | | | | | |
| RI-VAL-RE MANAT KORY-ET | USA 60403534 | | | | | | |
| RI-VAL-RE MAURICE NIKE-ET | USA 72829808 | | | | | C | |
| RI-VAL-RE MAYFIELD FIONA-ET | USA 71259221 | | | | | | |
| RI-VAL-RE MAYFLD CHARMER-ET | USA 71259219 | | | C | | | |
| RI-VAL-RE MC BABY SATAN-ET | USA 71259294 | | | | | | 1 |
| RI-VAL-RE MCCTCH CELESTE-ET | USA 71259321 | C | | | | | |
| RI-VAL-RE MCCTCH REDWING-ET | USA 71259317 | | | | | | |
| RI-VAL-RE MCCTCHN DASANI-ET | USA 71259267 | | | | | | |
| RI-VAL-RE MCCTCHN OREGON-ET | USA 71259268 | | | | | | |
| RI-VAL-RE MCCTHN NIAGARA-ET | USA 71259293 | | | | | | 1 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE MCCTHN NOKIE-ET | USA 71259292 | | | | | | 1 |
| RI-VAL-RE MCCTHN NOODLE-ET | USA 71259298 | | | | | | |
| RI-VAL-RE MCCUTCH AMBER | USA 71259319 | | | | | | |
| RI-VAL-RE MCCUTCH DENISE-ET | USA 71259315 | | | | | | |
| RI-VAL-RE MCCUTCH QUINN-ET | USA 71259324 | C | | | | | |
| RI-VAL-RE MCCUTCH WINNIE-ET | USA 71259311 | C | | | | | |
| RI-VAL-RE MCCUTCHEN DEE-ET | USA 71259235 | | | | | | |
| RI-VAL-RE MCCUTCHEN DINA | USA 71259301 | | | | | | |
| RI-VAL-RE MCCUTCHEN DIVE | USA 71259300 | | | | | | |
| RI-VAL-RE MCCUTCHEN EVE-ET | USA 71259238 | | | | | | |
| RI-VAL-RE MCCUTCHEN LIA-ET | USA 71259236 | | | | | | 1 |
| RI-VAL-RE MCCUTCHEN LUCY | USA 71259303 | | | | | | |
| RI-VAL-RE MCCUTCHEN NAIR-ET | USA 71259306 | | | | | | |
| RI-VAL-RE MCCUTCHEN RIO-ET | USA 71259237 | | | | | | 1 |
| RI-VAL-RE MCCUTCHEN WII-ET | USA 71259305 | | | | | | |
| RI-VAL-RE MCCUTCHN DAISY-ET | USA 71259271 | | | | | | |
| RI-VAL-RE MCCUTCHN QUEEN-ET | USA 71259242 | | | | | | |
| RI-VAL-RE MCGNSS ERIN-ET | USA 69928468 | | | | | | |
| RI-VAL-RE MCGNSS KATIE-ET | USA 69928474 | | | | | | |
| RI-VAL-RE MCGU SALSA-RED-ET | USA 73697477 | | | | | | |
| RI-VAL-RE MCGUCCI ANNE-ET | USA 73697608 | | | | | | |
| RI-VAL-RE MCGUCCI FIRST-ET | USA 73697395 | | | | | | 1 |
| RI-VAL-RE MCTCHN NIKE-ET | 840003012644241 | | | | | | |
| RI-VAL-RE MCTH NINA NINE-ET | USA 71259297 | | | | | | |
| RI-VAL-RE MEGAMAN LIMA | USA 66473454 | | | | | | |
| RI-VAL-RE MEGAMAN NINA-ET | USA 66473417 | | | | | | |
| RI-VAL-RE MERIDIAN DAISY-ET | USA 72829599 | | | | | | |
| RI-VAL-RE MERIDIAN MILE-ET | USA 71259226 | | | | | | |
| RI-VAL-RE MERIDIAN MILEY-ET | USA 71259224 | | | | | | |
| RI-VAL-RE MERIDIAN VI-ET | USA 72829598 | | | | | C | |
| RI-VAL-RE MGL LAST HOPE-ET | USA 73697581 | | | | | | |
| RI-VAL-RE MGL LST CHANCE-ET | USA 73697576 | | | | | | |
| RI-VAL-RE MICHAEL JASMINE | USA 66473426 | | | | | | |
| RI-VAL-RE MILLION KARI-ET | USA 66473495 | | | | | | |
| RI-VAL-RE MILLION WINNIE-ET | USA 66473488 | | C | | | | |
| RI-VAL-RE MISS HOPEFUL-ET | USA 73697685 | | | | | | |
| RI-VAL-RE MISS SUPER-P-ET | USA 73697687 | | | | | | |
| RI-VAL-RE MISSOURI 9239-ET | 840003129826012 | | | | | | |
| RI-VAL-RE MITEY MALI-RED-ET | USA 66473677 | | | | | | |
| RI-VAL-RE MNTROS BASHFUL-ET | 840003130960976 | | | | | | |
| RI-VAL-RE MNTRS BAILEE-ET | 840003130960982 | | | | | | |
| RI-VAL-RE MNTRS BELLAGIO-ET | 840003130960979 | | | | | | |
| RI-VAL-RE MOGUL 1500-ET | USA 73697623 | | | | | | |
| RI-VAL-RE MOGUL 1509-ET | USA 73697632 | | | C | | | |
| RI-VAL-RE MOGUL 8892-ET | 840003129251832 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE MOGUL 8895-ET | 840003129251835 | | | | | | |
| RI-VAL-RE MOGUL 8906-ET | 840003129251846 | | | | | | |
| RI-VAL-RE MOGUL EVETTE-ET | USA 71259261 | | | | | | 1 |
| RI-VAL-RE MOGUL IZZY-ET | USA 71259264 | | | | | | 1 |
| RI-VAL-RE MOGUL LIZZIE-ET | USA 71259258 | | | | | | 1 |
| RI-VAL-RE MOGUL NADINE-ET | USA 71259252 | | | | | | |
| RI-VAL-RE MOGUL NIKKI-ET | USA 71259254 | | | | | | |
| RI-VAL-RE MOGUL NIVIE-ET | USA 71259263 | | | | | | |
| RI-VAL-RE MOGUL PUMA-ET | USA 71259199 | | | | | | |
| RI-VAL-RE MOGUL SUZZY-ET | USA 71259314 | | | | | C | 3 |
| RI-VAL-RE MOM ELEGANCE-ET | USA 66473628 | | | | | C | |
| RI-VAL-RE MOM SAHARA-ET | USA 66473615 | | | | | | 1 |
| RI-VAL-RE MOM SKYLAR-ET | USA 66473611 | | | | | | 1 |
| RI-VAL-RE MON CRAZY LADY-ET | USA 73697448 | | | | | | |
| RI-VAL-RE MONEY HAWKETTE-ET | USA 73697400 | | | | | | |
| RI-VAL-RE MONEY MAKER-ET | USA 73697399 | | | | | | |
| RI-VAL-RE MONT NIKKI-ET | USA 73697472 | | | | | | |
| RI-VAL-RE MONT SEXY LEXY-ET | USA 73697447 | | | | | | |
| RI-VAL-RE MONTOSS BARIAH-ET | USA 73838232 | | | | | | |
| RI-VAL-RE MONTROS HAILEY-ET | USA 73697695 | | | | | | |
| RI-VAL-RE MONTROSS 1568-ET | USA 73697691 | | | | | | |
| RI-VAL-RE MONTROSS BAIZE-ET | USA 73838231 | | | | | | |
| RI-VAL-RE MONTROSS BAKER-ET | USA 73838233 | | | | | | |
| RI-VAL-RE MONTROSS BAY-ET | USA 73838230 | | | | | | |
| RI-VAL-RE MONTROSS HOPE-ET | USA 73697444 | | | | | | |
| RI-VAL-RE MONTROSS NIGEL-ET | 840003128978129 | | | | | | |
| RI-VAL-RE MONTY APPLE-ET | 840003126003256 | | | | | | |
| RI-VAL-RE MONTY HAZEL-ET | 840003126003473 | | | | | | |
| RI-VAL-RE MONTY HOPE-ET | 840003126003474 | | | | | | |
| RI-VAL-RE MONTY KIFFIN-ET | USA 73697569 | | | | | | |
| RI-VAL-RE MONTY KILLA-ET | USA 73697574 | | | | | | |
| RI-VAL-RE MONTY NIAGARA-ET | 840003126003440 | | | | | | |
| RI-VAL-RE MONTY ROO-P-ET | USA 73697600 | | | | | | |
| RI-VAL-RE MOODUSA-P-RED-ET | USA 73697321 | | | | | | |
| RI-VAL-RE MORGAN ANNIE-ET | USA 72829749 | | | | | C | |
| RI-VAL-RE MORGAN APPLE-ET | USA 72829757 | | | | | C | |
| RI-VAL-RE MORGAN CYNTHIA-ET | USA 72829745 | | | | | | |
| RI-VAL-RE MORGAN ELITE-ET | USA 72829753 | | | | | | |
| RI-VAL-RE MORGAN LILI-P-ET | USA 72829635 | | | | | C | |
| RI-VAL-RE MORGAN LOVE-ET | 840003013074545 | | | | | C | |
| RI-VAL-RE MORGAN LOVEE-ET | 840003013074547 | | | | | C | |
| RI-VAL-RE MORGAN LUV-ET | 840003013074544 | | | | | C | |
| RI-VAL-RE MORGAN NINA-ET | USA 73697272 | | | | | C | 1 |
| RI-VAL-RE MOSCOW CARLY-ET | USA 66473449 | | | | | | |
| RI-VAL-RE MOSCOW LEANN | USA 66473455 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE MOSCOW NIKKE | USA 66473440 | | | | | | |
| RI-VAL-RE MR BURNS ALLIE-ET | USA 64621452 | | C | | | | 3 |
| RI-VAL-RE MRGAN NEMO-RED-ET | USA 72829744 | | | | | C | |
| RI-VAL-RE MRS AUSSIE-P-ET | 840003126003442 | | | | | | |
| RI-VAL-RE MRS DELTA-ETS | 840003126003430 | | | | | | |
| RI-VAL-RE MS GUCCI-P-RED-ET | USA 73697606 | | | | | | |
| RI-VAL-RE MTRSS MILKTRUCK | USA 73697382 | | | C | | | |
| RI-VAL-RE MTY ROJA-P-RED-ET | USA 69928507 | C | | | | | 1 |
| RI-VAL-RE MV OLIVE-ET | 840003126218709 | | | | | | |
| RI-VAL-RE MV OPHELIA-ET | 840003126218766 | | | | | | |
| RI-VAL-RE NATO DIANNA-ET | USA 66473518 | | | | | | |
| RI-VAL-RE NATO NIMA-ET | USA 66473547 | | | | | | |
| RI-VAL-RE NATO NOLA-ET | USA 66473542 | | | | | | |
| RI-VAL-RE NEMO DORY-ET | 840003128978126 | | | | | | |
| RI-VAL-RE NEMO MARLIN-ET | 840003128978127 | | | | | | |
| RI-VAL-RE NIAGRA 2XNIKE-ET | USA 66473583 | | | | | | |
| RI-VAL-RE NIAGRA 2XNIKKI-ET | USA 66473587 | | | | | | |
| RI-VAL-RE NIAGRA 2XNINA-ET | USA 66473584 | | | | | | |
| RI-VAL-RE NIAGRA PUMA-ET | USA 66473623 | | | | | | |
| RI-VAL-RE NIAGRA TINSEL-ET | USA 66473525 | | | | | | |
| RI-VAL-RE NICK JUNKY-RED-ET | USA 73697615 | | | | | | |
| RI-VAL-RE NICK NEMO-RED-ET | USA 73697578 | | | | | | |
| RI-VAL-RE NIFTY AERIAL-ET | USA 64621517 | | | | | | |
| RI-VAL-RE NIFTY CARALEE-ET | USA 64621547 | | | | | | |
| RI-VAL-RE NIFTY CASSIE-ET | USA 64479524 | | | | | | |
| RI-VAL-RE NM UN DELICATE-ET | USA 71259206 | | | | | | 1 |
| RI-VAL-RE NUM UN NATALIE-ET | USA 71259227 | | | | | | |
| RI-VAL-RE NUM UNO BEE-ET | USA 71259327 | | | | | | |
| RI-VAL-RE NUM UNO DEENA-ET | USA 71259330 | | | | | | |
| RI-VAL-RE NUM UNO NADINE-ET | USA 71259205 | | | | | | |
| RI-VAL-RE NUM UNO NADY-ET | USA 71259326 | | | | | | |
| RI-VAL-RE NUM UNO SALLY-ET | USA 71259325 | | | | | | |
| RI-VAL-RE NUMBER ONE ACE-ET | USA 71259162 | | | | | | |
| RI-VAL-RE NUMBER ONE AMY-ET | USA 71259164 | | | | | | |
| RI-VAL-RE OAK BABY ISLE-ET | USA 72829689 | | | | | | |
| RI-VAL-RE OAK DENYA-ET | 840003133202153 | | | | | | |
| RI-VAL-RE OAK ESCAPADE-ET | USA 72829691 | | | | | | |
| RI-VAL-RE OAK JIGGLYPUFF-ET | USA 72829728 | | | | | | |
| RI-VAL-RE OAK LAINE 499-ET | USA 72531624 | | | | | C | |
| RI-VAL-RE OAK LANNI 497-ET | USA 72531622 | | | | | | |
| RI-VAL-RE OAK LINDY 498-ET | USA 72531623 | | | | | C | |
| RI-VAL-RE OAK LISA 493-ET | USA 72531618 | | | | | C | |
| RI-VAL-RE OAK NADY-P-ET | USA 72829675 | | | | | | |
| RI-VAL-RE OAK NIAGARA-ET | USA 72829666 | | | | | | |
| RI-VAL-RE OAK NINNETTE-ET | USA 72829700 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE OAK PEYTON-ET | USA 72829706 | | | | | | |
| RI-VAL-RE OAK SHARROL-ET | USA 72829679 | | | | | | |
| RI-VAL-RE OAK SPAGHETTI-ET | USA 72829750 | | | | | | |
| RI-VAL-RE OAK SPLASH-P-ET | USA 72829747 | | | | | | |
| RI-VAL-RE OAK SUNRISE-ET | USA 72829733 | | | | | | |
| RI-VAL-RE OAK SUNSET-ET | USA 72829732 | | | | | | |
| RI-VAL-RE OAK WINGZ-P-ET | USA 72829742 | | | C | | | |
| RI-VAL-RE OBSRVR BAILEY-ET | USA 69810494 | | | | | | |
| RI-VAL-RE OBSRVR DESTINY-ET | USA 69928424 | | | | | | |
| RI-VAL-RE OBSRVR KACEY-ET | USA 69928420 | | | | | | |
| RI-VAL-RE OBSRVR NADINE-ET | USA 69928432 | | | | | | 1 |
| RI-VAL-RE OBSRVR NICOLA | USA 71259183 | | | | | C | |
| RI-VAL-RE OBSRVR NIKE-ET | USA 69928433 | | | | | | |
| RI-VAL-RE OBSRVR NIKKI-ET | USA 69928434 | | | | | | 1 |
| RI-VAL-RE OBSRVR NOEL-ET | USA 69928431 | | | | | | |
| RI-VAL-RE OBSRVR REDWING-ET | USA 69928439 | C | | | | | |
| RI-VAL-RE OBSRVR SALSA-ET | USA 69928442 | | | | | | |
| RI-VAL-RE OBSRVR TWINKLE-ET | USA 71259153 | | | | | | |
| RI-VAL-RE OCEAN SAL-PP-ET | USA 73697680 | | | | | | 1 |
| RI-VAL-RE OCOSMO NADINE-ET | USA 71259269 | | | | | | 1 |
| RI-VAL-RE ODADDY JUNO-ET | USA 71259289 | | C | | | | |
| RI-VAL-RE ODADDY OMEGA-ET | USA 71259283 | | | | | | |
| RI-VAL-RE OLY ABRA-ET | USA 73697367 | | | | | | |
| RI-VAL-RE OLY APPLA-ET | USA 73697504 | | | | | | |
| RI-VAL-RE OLY APPLES | USA 73697439 | | | | | | |
| RI-VAL-RE OLY ARIELA-ET | USA 73697364 | | | | | | |
| RI-VAL-RE OLY GIGGLES-ET | USA 73697362 | | | | | C | |
| RI-VAL-RE OLY GIGI-ET | USA 73697320 | | | | | | |
| RI-VAL-RE OLY GOSH-P-ET | USA 73697371 | | | | | C | |
| RI-VAL-RE OLY IGGY-ET | USA 73697505 | | | | | | |
| RI-VAL-RE OLY KENDRA-P-ET | USA 73697380 | | | | | | |
| RI-VAL-RE OLY MILEY-ET | USA 73697338 | | | | | | |
| RI-VAL-RE OLY MOLLY-ET | USA 73697340 | | | | | | |
| RI-VAL-RE OLY NUMBA-P-ET | USA 73697368 | | | | | | |
| RI-VAL-RE OLY OGGNES-ET | USA 73697385 | | | | | | |
| RI-VAL-RE OLY ORCA-P-ET | USA 73697335 | | | | | | |
| RI-VAL-RE OLY OSH KOSH-ET | USA 73697370 | | | | | | |
| RI-VAL-RE OLY OSHIE-P-ET | USA 73697315 | | | | | | |
| RI-VAL-RE OLY PERFECT-ET | USA 73697325 | | | | | | |
| RI-VAL-RE OLY ROJA-RED-ET | USA 73697369 | | | | | | |
| RI-VAL-RE OLY SHAMMY-ET | USA 73697384 | | | | | | |
| RI-VAL-RE OLY TINSLY-ET | USA 73697366 | | | | | | |
| RI-VAL-RE OLY TINY-ET | USA 73697363 | | | | | | |
| RI-VAL-RE OLY TIZZY-ET | USA 73697336 | | | | | | |
| RI-VAL-RE OLY YUMA-P-ET | USA 73697373 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE OLYMP HOLLY-P-ET | USA 73697311 | | | | | | |
| RI-VAL-RE OLYMPIAN APIC-ET | USA 73697327 | | | | | | |
| RI-VAL-RE OLYMPIAN ARIEL-ET | USA 73697317 | | | | | | |
| RI-VAL-RE OLYMPIAN ROXY-ET | USA 73697310 | | | | | | |
| RI-VAL-RE OLYMPN OPAL-P-ET | USA 73697308 | | | | | | |
| RI-VAL-RE OMAN NIKE | USA 61398492 | | | | | | |
| RI-VAL-RE ONYXP 11054-ET | 840003126822711 | | | | | | |
| RI-VAL-RE OSTYLE ADIRA-ET | USA 69928554 | | | C | | | |
| RI-VAL-RE OSTYLE ADONIS-ET | USA 69928555 | | | | | | |
| RI-VAL-RE OSTYLE MINI-P-ET | USA 71259130 | | | | | | |
| RI-VAL-RE OSTYLE RUBY-P-ET | USA 71259129 | | | C | | | |
| RI-VAL-RE OSTYLE ZIBBIE-ET | USA 69928556 | | | C | | | |
| RI-VAL-RE P HARPER 11244-ET | 840003128769164 | | | | | | |
| RI-VAL-RE PARISH EXCITE-ET | USA 71259259 | | | | | | |
| RI-VAL-RE PARISH VIBRANT-ET | 840003011733747 | | | | | | |
| RI-VAL-RE PARISH VINE-ET | 840003011733717 | | | | | | |
| RI-VAL-RE PARKER ISLA-ET | USA 69928478 | | | | | | |
| RI-VAL-RE PARKER LIVARA-ET | USA 69928475 | | | | | C | |
| RI-VAL-RE PARKER NATALIE-TW | USA 71259275 | | | | | | 1 |
| RI-VAL-RE PARKER NEL-P-TW | USA 71259276 | | | | | | 1 |
| RI-VAL-RE PARKER SHEMA | USA 69928436 | | | | | | |
| RI-VAL-RE PARKER TANYA-ET | USA 69928479 | | | | | C | |
| RI-VAL-RE PAT 1579-ET | USA 73697702 | | | | | | |
| RI-VAL-RE PAUL SALLY-ET | USA 69810495 | | | | | | |
| RI-VAL-RE PAUL SHAKIRA-ET | USA 69810499 | | | | | | |
| RI-VAL-RE PAULINE-P-RED-ET | USA 64621454 | | | C | | | |
| RI-VAL-RE PB AERIAL-ET | USA 73697573 | | | | | | |
| RI-VAL-RE PB ANDREYA-P-ET | USA 73697618 | | | | | | |
| RI-VAL-RE PB ANNIE-ET | USA 73697450 | | | | | | |
| RI-VAL-RE PB DORCY-P-ET | USA 73697597 | | | | | | |
| RI-VAL-RE PB GIGGLE-RED-ET | USA 73697628 | | | | | | |
| RI-VAL-RE PB GOLDEN-P-ET | USA 73697587 | | | | | | |
| RI-VAL-RE PB HOPPER-ET | USA 73697571 | | | | | | |
| RI-VAL-RE PB NADY-ET | USA 73697459 | | | | | | |
| RI-VAL-RE PB TERESA-ET | USA 73697603 | | | | | | |
| RI-VAL-RE PB WINGZ-P-ET | USA 73697591 | | | | | | |
| RI-VAL-RE PBALL HOPE-P-ET | 840003126003475 | | | | | | |
| RI-VAL-RE PBALL OPAL-P-ET | 840003133202238 | | | | | | |
| RI-VAL-RE PBALL OXY-P-ET | 840003133202235 | | | | | | |
| RI-VAL-RE PDX SALSA-RED-ET | USA 60815405 | C | | | | | |
| RI-VAL-RE PEOTI RILEY-ET | USA 71259137 | | | | | | |
| RI-VAL-RE PEOTI SPECKLES-ET | USA 71259142 | | | | | | |
| RI-VAL-RE PETER POLLY-P-ET | USA 73697558 | | | | | | |
| RI-VAL-RE PETER PRICKLY-ET | USA 73697560 | | | | | | |
| RI-VAL-RE PETERP PANI-P-ET | USA 73697538 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE PETRONE ABIGA-ET | USA 71259177 | | | | | | 1 |
| RI-VAL-RE PETRONE NADINE-ET | USA 71259175 | | | | | | |
| RI-VAL-RE PLANET ALISHA-ET | USA 66473418 | | | | | | |
| RI-VAL-RE PLANET JAYDEN-ET | USA 66473551 | | | | | | |
| RI-VAL-RE PLANET JUICY-ET | USA 66473549 | | | | | C | |
| RI-VAL-RE PLANET LORIANNE | USA 66473448 | | | | | | 1 |
| RI-VAL-RE PLANET PLUTO-ET | USA 64621590 | | | | | | |
| RI-VAL-RE PLANET ROJA | USA 66473557 | C | | | | | |
| RI-VAL-RE PLANET S NINA-ET | USA 66473499 | | | | | C | |
| RI-VAL-RE PLANET WENDI-ET | USA 64621591 | | | | | C | |
| RI-VAL-RE PLANET YVONNE | USA 66473484 | | | | | | |
| RI-VAL-RE PMBRK ASH-RED-ET | USA 69810524 | | | | | | |
| RI-VAL-RE PMK RUBY P-RED-ET | USA 66473607 | | | C | | | |
| RI-VAL-RE PONTIAC ZIBBIE | USA 64621457 | | | | | | |
| RI-VAL-RE PP DEENA-P-ET | USA 73697562 | | | | | | |
| RI-VAL-RE PP DIZZIE-P-ET | USA 73697563 | | | | | | |
| RI-VAL-RE PP DUCKY-ET | USA 73697564 | | | | | | |
| RI-VAL-RE PP PEN PAL-P-ET | USA 73697542 | | | | | | |
| RI-VAL-RE PP SUSIE-ET | USA 73697556 | | | | | | |
| RI-VAL-RE PRED SHARRY-ET | USA 72829773 | | | | | | |
| RI-VAL-RE PRISH PLEASURE-ET | USA 71259296 | | | | | | |
| RI-VAL-RE PRON HONEY-ET | USA 64621555 | | | | | | 3 |
| RI-VAL-RE PRONTO CARALEE | USA 64621498 | | | | | | |
| RI-VAL-RE PSI ZANYA-RED | USA 61398523 | | | | | | |
| RI-VAL-RE PTRPAN OREGON-ET | 840003135672711 | | | | | | |
| RI-VAL-RE PWR MONROE-ET | USA 72829743 | C | | | | | 1 |
| RI-VAL-RE PWRBALL-P 6673-ET | USA 73953700 | | | | | | |
| RI-VAL-RE PWRBALL-P 6930-ET | 840003131983228 | | | | | | |
| RI-VAL-RE QUEEN-P-RED-ET | USA 73697323 | | | C | | | |
| RI-VAL-RE R DAPPLE-P-RED-ET | USA 72829567 | C | | | | | |
| RI-VAL-RE RACER COSMO-ET | USA 73697374 | | | | | | |
| RI-VAL-RE RACER HEIDI-ET | 840003129209597 | | | | | | |
| RI-VAL-RE RAMSES NINA-ET | USA 60815485 | | | | | | |
| RI-VAL-RE RAVISH DOMINO-ET | USA 69928461 | | | | | | 1 |
| RI-VAL-RE RAVISH NIKE-ET | USA 69928460 | | | | | | 1 |
| RI-VAL-RE REAL HOPE-ET | 840003126003497 | | | | | | |
| RI-VAL-RE RELEF DIZZIE-P-ET | USA 71259382 | | | | | | |
| RI-VAL-RE RELIEF DAIRY-ET | USA 71259351 | | | | | | |
| RI-VAL-RE RELIEF ELLE-P-ET | USA 71259355 | | | | | | |
| RI-VAL-RE RELIEF EVE-P | USA 71259345 | | | | | | |
| RI-VAL-RE RELIEF EXCITE-ET | USA 71259346 | | | | | | |
| RI-VAL-RE RELIEF FLIPP-ET | USA 71259387 | | | | | | |
| RI-VAL-RE RELIEF NIKKI-P-ET | USA 71259392 | | | | | | |
| RI-VAL-RE RELIEF SALWA-P-ET | USA 71259342 | | | | | | |
| RI-VAL-RE RESPECT-PP-ET | USA 71259366 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE REX BETH | USA 17351946 | | | | | | |
| RI-VAL-RE RF SALSA-P-RED-ET | USA 71259344 | C | | | | | |
| RI-VAL-RE RIEF HIPPY-RED-ET | USA 71259350 | | | | | | |
| RI-VAL-RE RIEF HORNS-ET | USA 71259358 | | | | | | |
| RI-VAL-RE RIEF SALSA-RED-ET | USA 71259367 | | | | | | |
| RI-VAL-RE RIEF WIN-P-RED-ET | USA 71259341 | | | | | | |
| RI-VAL-RE RIHANNA-P-RED-ET | USA 71259402 | | | | | | |
| RI-VAL-RE RILEY-P-RED-ET | USA 64621483 | C | | | | | |
| RI-VAL-RE RLF DAIRY-P-ET | USA 71259368 | | | | | | |
| RI-VAL-RE RLF DIPPIN-P-ET | USA 71259369 | | | | | | |
| RI-VAL-RE RLF EPCOT-ET | USA 71259370 | | | | | | |
| RI-VAL-RE RLF GOOFY-ET | USA 71259373 | | | | | | |
| RI-VAL-RE RLF HAILEY-ET | USA 71259371 | | | | | | |
| RI-VAL-RE RLF LIV-P-RED-ET | USA 71259352 | C | | | | | |
| RI-VAL-RE RLF NINNY-ET | USA 71259375 | | | | | | |
| RI-VAL-RE RLF PERFECT-P-ET | USA 71259374 | | | | | | |
| RI-VAL-RE RLF YPSI-ET | USA 71259376 | | | | | | |
| RI-VAL-RE RLN DIVINE-RED-ET | USA 66136750 | | | | | | |
| RI-VAL-RE ROBUST NIXY-ET | USA 69928430 | | | | | | 1 |
| RI-VAL-RE ROBUST VIENNA-ET | USA 69810498 | | | | | | |
| RI-VAL-RE ROBUST VIVIAN-ET | USA 69810523 | | | | | | |
| RI-VAL-RE RODGERS 6532-ET | USA 73953559 | | | | | | |
| RI-VAL-RE ROSANNA-P-RED-ET | USA 72829727 | | | | | | |
| RI-VAL-RE RUB HADLEE-ET | 840003132990774 | | | | | | |
| RI-VAL-RE RUB HEART-ET | 840003132990775 | | | | | | |
| RI-VAL-RE RUBICN NATALIE-ET | USA 73697710 | | | | | | |
| RI-VAL-RE RUBICON 1529-ET | USA 73697652 | | | | | | |
| RI-VAL-RE RUBICON 1596-ET | USA 73697719 | | | | | | |
| RI-VAL-RE RUBICON 1600-ET | USA 73697723 | | | | | | |
| RI-VAL-RE RUBICON ETSY | USA 73697662 | | | | | | |
| RI-VAL-RE RUBICON NADINE-ET | USA 73697706 | | | | | | |
| RI-VAL-RE RUE DRACO 9530-ET | 840003133962704 | | | | | | 1 |
| RI-VAL-RE RUSSEL DIAMOND-ET | USA 66473562 | | | | | | |
| RI-VAL-RE RUSSELL ACUR-ET | USA 66473643 | | | | | | |
| RI-VAL-RE RUSSELL ADEEN-ET | USA 66473572 | | | | | | |
| RI-VAL-RE RUSSELL ADORA-ET | USA 66473570 | | | | | | |
| RI-VAL-RE RUSSELL AVANA-ET | USA 66473637 | | | | | | |
| RI-VAL-RE RUSSELL MADDIE-ET | USA 66473573 | | | | | | |
| RI-VAL-RE SALLY DEL 9025-ET | 840003129825798 | | | | | | |
| RI-VAL-RE SALLY DEL 9027-ET | 840003129825800 | | | | | | |
| RI-VAL-RE SALLY DEL 9046-ET | 840003129825819 | | | | | | |
| RI-VAL-RE SANCHEZ NINA-ET | USA 66473515 | | | | | | |
| RI-VAL-RE SANDY FIOLA-ET | USA 66473491 | | | | | | |
| RI-VAL-RE SATCHEL NADY | USA 73697224 | | | | | | |
| RI-VAL-RE SAVE A LIFE-ET | USA 73697473 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE SCRTS ALIANDRA-ET | USA 66473452 | | | | | | |
| RI-VAL-RE SD MADISON-RED-ET | USA 66473617 | | | | | | 1 |
| RI-VAL-RE SD ZESTY-RED-ET | USA 66473618 | C | | | | | 1 |
| RI-VAL-RE SEBT EVALYNN | USA 69810503 | | | | | | |
| RI-VAL-RE SGAZER RUBY-ET | USA 64621544 | | | | | | |
| RI-VAL-RE SHAMRCK NADINE-ET | USA 69928492 | | | | | | 1 |
| RI-VAL-RE SHAMROCK ALI-ET | USA 69928537 | | | | | | |
| RI-VAL-RE SHAMROCK DI-P | USA 69928546 | | | | | | |
| RI-VAL-RE SHAMROCK LIVIA-ET | USA 71685812 | | | | | | |
| RI-VAL-RE SHAMROCK ROSAY | USA 69928540 | | | | | | |
| RI-VAL-RE SHAMROCK ZONKS-ET | USA 69928511 | | | | | | |
| RI-VAL-RE SHAN AVICII-ET | USA 72829561 | | | | | | |
| RI-VAL-RE SHAN BABY VI-ET | USA 72829586 | | | | | C | |
| RI-VAL-RE SHAN DIEDRA-P-ET | USA 72829529 | | | | | | |
| RI-VAL-RE SHAN DIVINCI-ET | USA 72829611 | | | | | | 1 |
| RI-VAL-RE SHAN GITA-P-ET | USA 72829537 | | | | | | |
| RI-VAL-RE SHAN HEIDI-ET | USA 72829536 | | | | | | |
| RI-VAL-RE SHAN LEEBY-P-ET | USA 72829531 | | | | | | |
| RI-VAL-RE SHAN MITSI-ET | USA 72829530 | | | | | | |
| RI-VAL-RE SHAN NIKE-ET | USA 72829590 | | | | | | 1 |
| RI-VAL-RE SHAN NIKKITTE-ET | USA 72829593 | | | | | | 1 |
| RI-VAL-RE SHAN PICKLE-P-ET | USA 72829566 | | | | | | |
| RI-VAL-RE SHAN PIGGLES-ET | USA 72829534 | | | | | | |
| RI-VAL-RE SHAN TEEGAN-P-ET | USA 72829573 | | | | | | |
| RI-VAL-RE SHAN TEENA-P-ET | USA 72829565 | | | | | | |
| RI-VAL-RE SHAN TERRA-ET | USA 72829559 | | | | | | 1 |
| RI-VAL-RE SHAN VIENNA-ET | USA 72829587 | | | | | C | |
| RI-VAL-RE SHAN VIESTA-ET | USA 72829582 | | | | | C | |
| RI-VAL-RE SHAN VII-ET | USA 72829589 | | | | | | |
| RI-VAL-RE SHAN VIVIAN-ET | USA 72829585 | | | | | C | |
| RI-VAL-RE SHAN VIVICLE-ET | USA 72829581 | | | | | C | |
| RI-VAL-RE SHAN VIVTASTIC-ET | USA 72829584 | | | | | | |
| RI-VAL-RE SHAN VIXEN-ET | USA 72829588 | | | | | | |
| RI-VAL-RE SHAN YOGGI-P-ET | USA 72829533 | | | | | | |
| RI-VAL-RE SHARKY LEONA-ET | USA 63203698 | | | | | | |
| RI-VAL-RE SHARROL-ET | 840003013844596 | | | | | | 1 |
| RI-VAL-RE SHERIFF ROBY-ET | USA 73697598 | | | | | | |
| RI-VAL-RE SHMRCK DESTINY-ET | USA 69928535 | | | | | | |
| RI-VAL-RE SHN STEINY-RED-ET | USA 72829762 | | | | | | |
| RI-VAL-RE SHN STRAWBERRY-ET | USA 72829535 | | | | | | |
| RI-VAL-RE SHNOSBER SHARI-ET | USA 72162244 | | | | | | |
| RI-VAL-RE SHNSBR ELE-P-ET | USA 72829658 | | | | | | |
| RI-VAL-RE SHNSBR WII-P-ET | USA 72829659 | | | | | | |
| RI-VAL-RE SHOTGLAS PARTY-ET | USA 72829597 | | | | | | 1 |
| RI-VAL-RE SHOTTLE ALI-ET | USA 62067932 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE SHOTTLE LEANN-ET | USA 62067955 | | | | | C | |
| RI-VAL-RE SHOW PICCOLO-ET | USA 71259388 | | | | | | 1 |
| RI-VAL-RE SHOW ROSEY-ET | USA 71259385 | | | | | | |
| RI-VAL-RE SHOWBABY-P-ET | USA 71259384 | | | | | | 1 |
| RI-VAL-RE SHOWGIRL-P-RED-ET | USA 71259380 | | | | | | |
| RI-VAL-RE SHOWLADY-P-ET | USA 71259381 | | | | | | 1 |
| RI-VAL-RE SHOWSTYLE-RED-ET | USA 71259383 | | | | | | |
| RI-VAL-RE SHTLE ANNALISA-ET | USA 62067940 | | | | | | |
| RI-VAL-RE SHTLE CARALIE-ET | USA 62067930 | | | | | | |
| RI-VAL-RE SHTLE DESIRAE-ET | USA 62067939 | | | | | C | |
| RI-VAL-RE SHTLE WENDI-ET | USA 62067941 | | | | | C | |
| RI-VAL-RE SIDNEY WENDI-ET | USA 66473399 | | | | | | |
| RI-VAL-RE SIEMERS CINEMA-ET | 840003132662563 | | | | | | |
| RI-VAL-RE SIEMERS CYNEMA-ET | 840003132662579 | | | | | | |
| RI-VAL-RE SIEMERS HIPPY-ET | 840003132662879 | | | | | | |
| RI-VAL-RE SILVER 1520-ET | USA 73697643 | | | | | | |
| RI-VAL-RE SILVER 1521-ET | USA 73697644 | | | | | | |
| RI-VAL-RE SILVER 4224-ET | 840003130389963 | | | | | | |
| RI-VAL-RE SILVER 4249-ET | 840003130389988 | | | | | | |
| RI-VAL-RE SILVER 4253-ET | 840003130389992 | | | | | | |
| RI-VAL-RE SILVER 4305-ET | 840003133184277 | | | | | | |
| RI-VAL-RE SILVER 7000-ET | 840003131983298 | | | | | | |
| RI-VAL-RE SILVER 7008-ET | 840003131983306 | | | | | | |
| RI-VAL-RE SILVER GIGGLE-ET | USA 73697549 | | | | | | |
| RI-VAL-RE SILVER HARLEY-ET | USA 73697638 | | | | | | |
| RI-VAL-RE SILVER HAZEL-ET | USA 73697551 | | | | | | |
| RI-VAL-RE SILVER HEILO-ET | 840003126003259 | | | | | | |
| RI-VAL-RE SILVER HENNA-ET | USA 73697655 | | | | | | |
| RI-VAL-RE SILVER HOLLA-ET | USA 73697651 | | | | | | |
| RI-VAL-RE SILVER MAGIC-ET | USA 73697656 | | | | | | |
| RI-VAL-RE SILVER MONEY-ET | USA 73697671 | | | | | | |
| RI-VAL-RE SILVER NALLY-ET | USA 73697688 | | | | | | |
| RI-VAL-RE SILVER RAVEN-ET | USA 73697636 | | | | | | |
| RI-VAL-RE SILVER RILEY-ET | USA 73697637 | | | | | | |
| RI-VAL-RE SILVER SEXY-ET | USA 73697657 | | | | | | |
| RI-VAL-RE SK SCARLET-RED-ET | USA 72829781 | | | | | | |
| RI-VAL-RE SKY ASH-RED-ET | USA 72829785 | | | | | | |
| RI-VAL-RE SKY LIMIT-RED-ET | USA 72829779 | | | | | | |
| RI-VAL-RE SKY SHAKIRA-ET | USA 72829776 | | | | | | |
| RI-VAL-RE SKYLINE APRIL-ET | USA 72829771 | | | | | | |
| RI-VAL-RE SKYLINE DI-P-ET | USA 72829769 | | | | | | |
| RI-VAL-RE SNOWMAN CHERYL-ET | USA 71259173 | | | C | | | |
| RI-VAL-RE SNOWMAN NIKKI-ET | USA 71259222 | | | | | | |
| RI-VAL-RE SNOWMAN YOLANI-ET | USA 71259143 | | | | | C | |
| RI-VAL-RE SNWMAN CYNEMA-ET | USA 71259169 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE SOCRATES TOYLIVER | USA 66473405 | | | | | | |
| RI-VAL-RE SOCRT ALAINDRA-ET | USA 66473395 | | | | | | |
| RI-VAL-RE SOCRT MILKYWAY-ET | USA 64621592 | | | | | | |
| RI-VAL-RE SOCRT MS ZIARA-ET | USA 64621543 | | | | | | |
| RI-VAL-RE SOCRTS ALIKAZM-ET | USA 66473396 | | | | | C | |
| RI-VAL-RE SOCRTS NIKE-ET | USA 66473408 | | | | | | |
| RI-VAL-RE SOTO ERIN-P-ET | USA 69928484 | | | | | | |
| RI-VAL-RE SOTO ESCAPADE-ET | USA 69928450 | | | | | | 1 |
| RI-VAL-RE SOTO EXCEL-ET | USA 69928451 | | | | | | 1 |
| RI-VAL-RE SOTO WYNNIE-P-ET | USA 69928482 | | | | | | |
| RI-VAL-RE SPARTACUS LEA-ET | USA 66473400 | | | | | | |
| RI-VAL-RE SPECIAL PLANET | USA 66473520 | | | | | | |
| RI-VAL-RE SPECIAL-P-RED-ET | USA 64621568 | | | | | | |
| RI-VAL-RE SPRING ADDIE-ET | USA 73697547 | | | | | | |
| RI-VAL-RE SPRING ADEEN-ET | USA 73697539 | | | | | | |
| RI-VAL-RE SPRING ANGIE-ET | 840003126003452 | | | | | | |
| RI-VAL-RE SPRING HANNAH-ET | USA 73697572 | | | | | | |
| RI-VAL-RE SPRING HERO-P-ET | USA 73697613 | | | | | | |
| RI-VAL-RE SPRING HONEY-ET | USA 73697586 | | | | | | |
| RI-VAL-RE SPRING RUE-P-ET | USA 73697612 | | | | | | |
| RI-VAL-RE SPRING VAL-ET | USA 73697488 | | | | | | |
| RI-VAL-RE SPRING VI-ET | USA 73697550 | | | | | | |
| RI-VAL-RE SPRSIR NATALEE-ET | 840003011001488 | | | | | | |
| RI-VAL-RE SPRSIR NATASHA-ET | 840003011001487 | | | | | | |
| RI-VAL-RE SPRSRE DALIA-P-ET | USA 72829540 | | | | | | 1 |
| RI-VAL-RE SS AMY-ET | USA 64621440 | | | | | | |
| RI-VAL-RE SS ANDREYA-ET | USA 73697548 | | | | | | |
| RI-VAL-RE SS HOTSHOT-ET | USA 73697568 | | | | | | |
| RI-VAL-RE SS LIL GAL-ET | USA 73697567 | | | | | | |
| RI-VAL-RE SS NATALIA-ET | USA 73697566 | | | | | | |
| RI-VAL-RE SS ROJALA-ET | USA 73697565 | | | | | | |
| RI-VAL-RE SS SIHARA-ET | USA 64621438 | | | | | | 1 |
| RI-VAL-RE SSHOT AMAZING-ET | 840003124670519 | | | | | | |
| RI-VAL-RE SSONIC DAHLIA-ET | USA 71259215 | | | | | C | |
| RI-VAL-RE SSONIC RAPTURE-ET | USA 71259216 | | | | | | |
| RI-VAL-RE ST GIGANTOR-ET | USA 72829610 | | | | | | |
| RI-VAL-RE STAR EMBRACE-ET | USA 64621416 | | | | | | |
| RI-VAL-RE STARDUST P-RED-ET | 840003124670537 | | | | | | 1 |
| RI-VAL-RE STERLING BAUER-ET | USA 72829607 | | | | | | |
| RI-VAL-RE STERLING DANAE-ET | USA 72829622 | | | | | | |
| RI-VAL-RE STERLING WINCY-ET | USA 72829619 | | | | | | |
| RI-VAL-RE STOL JASMINE-ET | USA 64621589 | C | | | | | |
| RI-VAL-RE STOL JOSEY-ET | USA 64621588 | | | | | | |
| RI-VAL-RE STORMY AMY-ET | USA 64621409 | | | | | | |
| RI-VAL-RE STYLE ANDREYA-ET | USA 72829765 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE STYLE DAISY-P-ET | USA 72829758 | | | | | | |
| RI-VAL-RE STYLE DIZZY-ET | USA 73697241 | | | | | | |
| RI-VAL-RE STYLE NASHA-ET | USA 73697309 | | | | | | |
| RI-VAL-RE STYLE NIAGARA-ET | USA 73697307 | | | | | | |
| RI-VAL-RE STYLE PENA-ET | USA 73697240 | | | | | | |
| RI-VAL-RE STYLE PERCY | USA 73697225 | | | | | | |
| RI-VAL-RE STYLE PUMA-ET | USA 73697266 | | | | | | |
| RI-VAL-RE STYLE REGAL-P-ET | USA 72829760 | | | | | | |
| RI-VAL-RE STYLE SII-P-ET | USA 72829790 | | C | C | | | |
| RI-VAL-RE STYLE SKIP-ET | USA 73697236 | | | | | | |
| RI-VAL-RE STYLE TOPPER-P-ET | USA 72829761 | | | | | | |
| RI-VAL-RE STYLES SILLY-ET | USA 73697232 | | | | | | |
| RI-VAL-RE SUPER ALLIE-ET | USA 66473591 | | | | | C | |
| RI-VAL-RE SUPER DAHLIA-ET | USA 66473670 | | | | | | 1 |
| RI-VAL-RE SUPER JAYLYNN-ET | USA 66473669 | | | | | | |
| RI-VAL-RE SUPER NADINE-ET | USA 66473685 | | | | | | |
| RI-VAL-RE SUPER RILEY-ET | USA 69810489 | C | | | | | |
| RI-VAL-RE SUPER SHADY-ET | USA 71259194 | | | | | | |
| RI-VAL-RE SUPERSHOT AVA-ET | 840003124670518 | | | | | | |
| RI-VAL-RE SUPERSHOT DEV-ET | USA 73697449 | | | | | | |
| RI-VAL-RE SUPERSHOT GIG-ET | USA 73697458 | | | | | | |
| RI-VAL-RE SUPERSHOT SIA-ET | 840003126003250 | | | | | | |
| RI-VAL-RE SUPERSIRE DAY-ET | USA 71259378 | | | | | | |
| RI-VAL-RE SUPERSIRE NADOLA | USA 71259411 | | | | | | 1 |
| RI-VAL-RE SUPERSIRE NAPLES | USA 71259419 | | | | | | 3 |
| RI-VAL-RE SUPERSIRE NIKE-ET | USA 71259253 | | | | | | |
| RI-VAL-RE SUPERSONIC RUBY-P | USA 71259168 | C | | | | | |
| RI-VAL-RE SUPERSRE DAISY-ET | USA 72829548 | | | | | | |
| RI-VAL-RE SUPERSRE SALLY-ET | USA 71259270 | | | | | | |
| RI-VAL-RE SUPRSRE DIEGA-ET | USA 71259256 | | | | | | |
| RI-VAL-RE SUPRSRE FROLIC-ET | USA 71259309 | | | | | | |
| RI-VAL-RE SUPRSRE NADY-P-ET | USA 72829541 | | | | | | |
| RI-VAL-RE SUPRSRE NALA-ET | USA 71259302 | | | | | | 1 |
| RI-VAL-RE SUPRSRE NALLIE-ET | USA 71259273 | | | | | | |
| RI-VAL-RE SUPRSRE NEILA-ET | USA 71259299 | | | | | | |
| RI-VAL-RE SUPRSRE NIKALA-ET | USA 71259262 | | | | | | |
| RI-VAL-RE SUPRSRE NIKK-ET | USA 71259288 | | | | | | |
| RI-VAL-RE SV SALSA-RED-ET | USA 73697462 | | | | | | |
| RI-VAL-RE SVAGE LICORICE-ET | USA 71259141 | | | | | | |
| RI-VAL-RE SWEET P-RED-ET | USA 71499211 | | | | | | |
| RI-VAL-RE SWEET SUGAR-ET | 840003011181667 | | | | | | |
| RI-VAL-RE SWEETARTS-P-ET | USA 72829751 | | | C | | | |
| RI-VAL-RE SWEETIE 50020-ET | 840003011567418 | | | | | | 1 |
| RI-VAL-RE SWEETPIE 50068-ET | 840003011567466 | | | | | | 1 |
| RI-VAL-RE SWEETS 50128-ET | 840003011567526 | | | | | | 1 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE SYMP AUBURN-ET | USA 71259359 | | | C | | | |
| RI-VAL-RE SYMP ESCAPADE-ET | USA 71259356 | | | | | | |
| RI-VAL-RE SYMP TRIGGY-ET | USA 71259397 | | | | | | |
| RI-VAL-RE SYMP VIVIAN-ET | USA 71259357 | | | | | C | |
| RI-VAL-RE SZY ZESTY-P-RED | USA 69928473 | C | | | | | |
| RI-VAL-RE TEACHER SHELBY-ET | USA 73697279 | | | | | | |
| RI-VAL-RE TENA DLTA 9175-ET | 840003129825948 | | | | | | |
| RI-VAL-RE TENA DLTA 9177-ET | 840003129825950 | | | | | | |
| RI-VAL-RE TENA DLTA 9178-ET | 840003129825951 | | | | | | |
| RI-VAL-RE TERRACOTTA-RED-ET | USA 72829778 | | | | | | |
| RI-VAL-RE TG CRIMSON-RED-ET | USA 72829797 | | | | | | |
| RI-VAL-RE TGO BRONZE-RED-ET | USA 72829795 | | | | | | |
| RI-VAL-RE TGO RUSTIC-RED-ET | USA 72829796 | | | | | | |
| RI-VAL-RE THE BEST-P-RED-ET | USA 71259316 | | | | | | |
| RI-VAL-RE THE KEEPER-ET | 840003133202166 | | | | | | |
| RI-VAL-RE TIME TO PARTY | USA 69928440 | | | | | | |
| RI-VAL-RE TNGO TANGERINE-ET | USA 72829792 | | | | | | |
| RI-VAL-RE TOY LUCINDA-ET | USA 63203681 | C | | | | | |
| RI-VAL-RE TRACI-ET | USA 73697676 | | | | | | |
| RI-VAL-RE TRANSF BRONCO-ET | USA 72829716 | | | | | | |
| RI-VAL-RE TRANSF SPARK-P-ET | USA 72829718 | | | | | | |
| RI-VAL-RE TRANSFORM OPI-ET | USA 71259320 | | | | | | |
| RI-VAL-RE TRANSFRM ONA-P-ET | USA 71259328 | | | | | | |
| RI-VAL-RE TRANSFRM SHARRY | USA 72829729 | | | | | | |
| RI-VAL-RE TRANSFRMR GLIMPSE | USA 72829711 | | | | | | |
| RI-VAL-RE TRIGGER OPAL-ET | USA 69928455 | | | | | | |
| RI-VAL-RE TRNSFRM OPAL-P-ET | USA 71259323 | | | | | | |
| RI-VAL-RE TRSFRMR LILIA-P | USA 72829725 | | | | | | |
| RI-VAL-RE TSTORY NOEL-ET | USA 63203693 | | | | | | |
| RI-VAL-RE TUFF GIRL-ET | USA 73697453 | | | | | | |
| RI-VAL-RE TY LAKOTA-RED-ET | USA 66473402 | | | | | | |
| RI-VAL-RE UNO BOOTS-ET | USA 72829791 | | | | | | |
| RI-VAL-RE UNO DIPSY DO-ET | USA 73697228 | | | | | | 1 |
| RI-VAL-RE UNO JULIE-ET | USA 73697226 | | | | | | 1 |
| RI-VAL-RE UNO KIMMY WAGS-ET | USA 72829812 | | | | | | |
| RI-VAL-RE UNO PRICILLA-ET | USA 72829786 | | | | | | |
| RI-VAL-RE VB DELTA 412-ET | 840003132359997 | | | | | C | |
| RI-VAL-RE VB DELTA 413-ET | 840003132359996 | | | | | | |
| RI-VAL-RE VB DELTA 451-ET | 840003132359985 | | | | | | |
| RI-VAL-RE VB DELTA 454-ET | 840003132359984 | | | | | | |
| RI-VAL-RE VB DELTA 460-ET | 840003132359982 | | | | | | |
| RI-VAL-RE VB DELTA 461-ET | 840003132359981 | | | | | | |
| RI-VAL-RE VB DELTA 462-ET | 840003132359980 | | | | | C | |
| RI-VAL-RE VB DELTA 470-ET | 840003132359978 | | | | | | |
| RI-VAL-RE WATSON ALIYAH-ET | USA 71259148 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RI-VAL-RE WATSON DIXI | USA 71259241 | | | | | C | |
| RI-VAL-RE WATSON DIXIE-ET | USA 71259147 | | | C | | C | |
| RI-VAL-RE WHYDOIHAVEHORN-ET | USA 73697296 | | | | | | |
| RI-VAL-RE WILL CHRISTY-ET | USA 72829704 | C | | | | | 1 |
| RI-VAL-RE WILLPOWER KATE-ET | USA 72829755 | C | | | | | 1 |
| RI-VAL-RE WILLPOWER NIKE-ET | USA 72829690 | C | | | | | |
| RI-VAL-RE WILLPOWER OPAL-ET | USA 72829687 | | | | | | 1 |
| RI-VAL-RE WILLPOWER SOTO-ET | USA 72829678 | C | | | | | 1 |
| RI-VAL-RE WILLPWR BLAZER-ET | USA 72829746 | | | | | | 1 |
| RI-VAL-RE WINI DLTA 9181-ET | 840003129825954 | | | | | | |
| RI-VAL-RE WINI DLTA 9186-ET | 840003129825959 | | | | | | |
| RI-VAL-RE WINI DLTA 9188-ET | 840003129825961 | | | | | | |
| RI-VAL-RE WINI DLTA 9191-ET | 840003129825964 | C | | | | | |
| RI-VAL-RE WINI DLTA 9198-ET | 840003129825971 | | | | | | |
| RI-VAL-RE WISC SALSA-RED-ET | USA 66473420 | C | | | | | |
| RI-VAL-RE WLPWR KARMA-ET | USA 72829735 | C | | | | | |
| RI-VAL-RE WLPWR ROSY-RED-ET | USA 72829715 | C | | | | | 1 |
| RI-VAL-RE WLPWR SPICE-ET | USA 72829741 | | | | | | |
| RI-VAL-RE WPWR MILEY-RED-ET | USA 72829717 | C | | | | | |
| RI-VAL-RE YDR AMBER 3661-ET | 840003130845169 | | | | | | |
| RI-VAL-RE YDR MILEY 3660-ET | 840003130845168 | | | | | | |
| RI-VAL-RE YODER DESSI-P-ET | 840003133202250 | | | | | | |
| RI-VAL-RE YODER DINA-P-ET | 840003133202248 | | | | | | |
| RI-VAL-RE YODER DOUBLE-ET | USA 73697554 | | | | | | |
| RI-VAL-RE YODER LIP-P-ET | 840003133202243 | | | | | | |
| RI-VAL-RE YODER PENNY-ET | USA 73697559 | | | | | | |
| RI-VAL-RE YODER PICKLE-P-ET | 840003133202247 | | | | | | |
| RI-VAL-RE YODER TARINA-ET | USA 73697705 | | | | | | |
| RI-VAL-RE YODER TINASHE-ET | USA 73697707 | | | | | | |
| RI-WES ADVENT ADORABLE | USA 137910111 | | | | | | |
| RIC-REY ACTIVE CAFFIENE | USA 66286288 | | | | | | |
| RIC-REY AICON JUNE | USA 73967676 | | | | | | |
| RIC-REY AIKMAN BARBIE | USA 72507767 | | | | | | |
| RIC-REY ALEXANDER ABI | USA 72507726 | | | C | | | 1 |
| RIC-REY ALFRESCO ANN | USA 72507804 | | | | | | |
| RIC-REY ALFRESCO AZALEA | USA 72507737 | | | | | | 1 |
| RIC-REY ALFRESCO CORA | USA 72507748 | | | | | | |
| RIC-REY ALFRESCO PANSY | USA 72507757 | | | | | | |
| RIC-REY ALFRESCO STAR | USA 72507802 | | | | | | |
| RIC-REY ARTES MS JEWEL | USA 73967664 | | | | | | |
| RIC-REY AUGIE ANANDA | USA 73967631 | | | | | | |
| RIC-REY AVENGER 851 | USA 73967630 | | | | | | |
| RIC-REY AVENGER FLOWER | USA 73967588 | | | | | | |
| RIC-REY BALISTO ADONIA | USA 73967611 | | | | | | |
| RIC-REY BEACON CALLIE | USA 72507752 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIC-REY BEACON FAITH | USA 71819509 | | | | | C | |
| RIC-REY BEACON LISA | USA 72507733 | | | | | | |
| RIC-REY BEAU CORSAGE | USA 71819532 | | | | | | |
| RIC-REY BEAU LISSA | USA 71819503 | | | | | | |
| RIC-REY BELIEVE PARTY | USA 72507736 | | | | | | 3 |
| RIC-REY BETRAY CASH | USA 72507716 | | | | | | |
| RIC-REY BLACKGOLD GLAM | USA 73967618 | | | | | | |
| RIC-REY BOGART ABBY | USA 72507730 | | | C | | | |
| RIC-REY BOGART FLAVOR | USA 72507744 | | | | | | |
| RIC-REY BOGART MABLE | USA 72507750 | | | C | | | |
| RIC-REY BOGART PAISELY | USA 73967639 | | | C | | | |
| RIC-REY BOGART WYNN | USA 72507741 | | | | | | |
| RIC-REY BOOKEM TAMRA | USA 73967645 | | | | | | |
| RIC-REY BOULDER LORI | USA 72507773 | | | | | | |
| RIC-REY BRODERICK DARLIN | USA 72507739 | | | | | | |
| RIC-REY BRODERICK POSEY | USA 72507743 | | | | | C | |
| RIC-REY BRONCO ALOHA | USA 69974232 | | | C | | | |
| RIC-REY BRONCO ARICA | USA 71819506 | | | | | | |
| RIC-REY BRONCO AZURE | USA 66286368 | C | | C | | | |
| RIC-REY BRONCO LILAC | USA 73967622 | | | C | | | |
| RIC-REY BRONCO LILY | USA 73967629 | | | C | | | |
| RIC-REY BRONCO LISA | USA 72507751 | | | | | | |
| RIC-REY BRYTON AMAZING | USA 71819537 | | | | | C | |
| RIC-REY CARNIVAL GINA | USA 72507789 | | | | | | |
| RIC-REY CARNIVAL MERMAID | USA 72507758 | | | | | | |
| RIC-REY CARNIVAL SHELLY | USA 72507763 | | | | | | |
| RIC-REY CASHCOIN CAMEO | USA 72507806 | | | | | | |
| RIC-REY CASUAL KIMONO | USA 72507761 | | | | | | |
| RIC-REY CHIPPER ARBOR | USA 72507801 | | | | | C | |
| RIC-REY CHIPPER JINA | USA 73967582 | | | | | C | |
| RIC-REY CHIPPER MANDY | USA 73967586 | | | | | | |
| RIC-REY COREY STACEY-ET | USA 73967678 | | | | | | |
| RIC-REY COREY STELLA-ET | USA 73967633 | | | | | | |
| RIC-REY CROWN ANN | USA 71819516 | | | C | | | |
| RIC-REY CROWN APPLE | USA 71819528 | | | | | | |
| RIC-REY DEFENDER ANTHEA | USA 72507809 | | | | | | |
| RIC-REY DEFENDER HARP-ET | USA 72507800 | | | | | | |
| RIC-REY DIAMOND RUBY | USA 72507764 | | | C | | C | |
| RIC-REY DORCY ACADIA | USA 72507740 | | | | | C | |
| RIC-REY DORCY AZURE | USA 73967615 | | | C | | | |
| RIC-REY DORCY JANAE | USA 73967640 | | | | | | |
| RIC-REY END-STORY ADARA-ET | USA 71819522 | | | | | | |
| RIC-REY END-STORY ADONIA-ET | USA 71819524 | | | | | | |
| RIC-REY END-STORY ANGEL-ET | USA 69974259 | | | | | | |
| RIC-REY END-STORY APRIL-ET | USA 69974260 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIC-REY ENERGY JEAN | USA 72507729 | | | | | | |
| RIC-REY ERASER-P OPAL-ET | USA 73967632 | | | C | | | |
| RIC-REY FIXER PARADISE | USA 71819518 | | C | | | | |
| RIC-REY FORK MERYL | USA 73967602 | | | | | | |
| RIC-REY FORK PEONY | USA 73967621 | | | | | | |
| RIC-REY GAMBLER ABBI | USA 73967641 | | | | | C | |
| RIC-REY GARCIA 694 | USA 71819535 | | | | | | |
| RIC-REY GARCIA MANGO | USA 71819531 | | | | | | |
| RIC-REY GENOM MILKYWAY | USA 73967616 | | C | | | | |
| RIC-REY GOLD CHIP FORSYTHIA | USA 69974238 | | | C | | | |
| RIC-REY GREENWAY ZOHAR | USA 73967604 | | | | | | |
| RIC-REY HATCHET FLOWER | USA 73967603 | | | | | | |
| RIC-REY HEIR ANANDA-ET | USA 71819538 | | | | | C | |
| RIC-REY HEIR ANEKO-ET | USA 69974247 | | C | | | C | |
| RIC-REY HEIR ANGELICA-ET | USA 72507714 | | | | | | |
| RIC-REY HEIR ANGIE-ET | USA 72507711 | | | | | | |
| RIC-REY HEIR ANI-ET | USA 69974249 | | | | | C | |
| RIC-REY HEIR ANITA-ET | USA 72507713 | | C | | | C | |
| RIC-REY HEIR ANONA-ET | USA 69974246 | | C | | | | |
| RIC-REY HEIR ANOTHER-ET | USA 69974240 | | C | | | C | |
| RIC-REY HEIR ANTICIPATE-ET | USA 69974239 | | C | | | | |
| RIC-REY HERO LACE-ET | USA 71819527 | | | | | | 1 |
| RIC-REY HUNTER ATIRA | USA 71819513 | | | | | | |
| RIC-REY HUNTER DAYDREAM | USA 72507723 | | | | | | |
| RIC-REY HUNTER SURF | USA 72507715 | | | | | | |
| RIC-REY IOTA ANNIE-ET | USA 69974192 | | | | | | |
| RIC-REY IOTA JEWEL | USA 72507791 | | | | | | |
| RIC-REY IOTA PANSY | USA 72507745 | | | | | | |
| RIC-REY JABIR ALLEGRIA | USA 73967581 | | | | | | |
| RIC-REY JABIR BALSAM-ET | USA 73967610 | | | | | | |
| RIC-REY JABIR BELVA-ET | USA 73967579 | | | | | | |
| RIC-REY JABIR BENITA-ET | USA 72507805 | | | | | | |
| RIC-REY JACEY HAPPY-ET | USA 72507797 | | | | | | |
| RIC-REY JACEY HARMONY-ET | USA 73967607 | | | | | | |
| RIC-REY JEEVES CARAFE | USA 66286333 | | | | | | |
| RIC-REY JOSUPER SURF | USA 73967675 | | | | | | |
| RIC-REY KINGPIN SATIN-ET | USA 73967634 | | | | | | |
| RIC-REY KINGPIN STARLA-ET | USA 73967638 | | | | | | |
| RIC-REY LARSON WILDFLOWER | USA 69974242 | | | | | | |
| RIC-REY LAYNE ANNETTE | USA 72507738 | | | | | | |
| RIC-REY LET IT SNOW FLURRY | USA 72507762 | | | C | | | |
| RIC-REY LIGHT HALO | USA 72507785 | C | | | | | |
| RIC-REY LIGHT MAUI | USA 72507766 | | | | | | |
| RIC-REY LITHIUM ALOHA | USA 72507788 | | | | | | |
| RIC-REY LITHIUM BECKY | USA 72507769 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIC-REY LITHIUM ELLA | USA 72507771 | | | | | | |
| RIC-REY LITHIUM FLOWER | USA 72507786 | | | | | | |
| RIC-REY LITHIUM GUMBALL | USA 72507778 | | | | | | |
| RIC-REY LITHIUM PRINCESS | USA 72507783 | | | | | | |
| RIC-REY LUXURY 812 | USA 73967591 | | | | | | |
| RIC-REY LUXURY ATIRA | USA 73967612 | | | | | | |
| RIC-REY LUXURY JEWEL | USA 73967609 | | | | | | |
| RIC-REY LUXURY TRANQUIL | USA 73967661 | | | | | | |
| RIC-REY LUXURY ZARI | USA 73967598 | | | | | | |
| RIC-REY MAGUIRE CAMARO-TW | USA 73967625 | | | | | | |
| RIC-REY MAGUIRE CORVETTE-TW | USA 73967624 | | | | | | |
| RIC-REY MAMMOTH ANNETTE-ET | USA 69974205 | | | | | | |
| RIC-REY MAMMOTH AURA-ET | USA 69974248 | | | | | | |
| RIC-REY MAMMOTH MARY | USA 72507803 | | | | | | |
| RIC-REY MAMMOTH POSEY | USA 73967587 | | | | | | |
| RIC-REY MAN-O-MAN GLITTER | USA 72507798 | | | | | | |
| RIC-REY MASCAL BECCA-ET | USA 73967647 | | | C | | | |
| RIC-REY MASCAL BELLISSA-ET | USA 73967648 | | | | | | |
| RIC-REY MASCAL BLESSING-ET | USA 73967651 | | | C | | | |
| RIC-REY MASCAL BLOSSOM-ET | USA 73967649 | | | | | | |
| RIC-REY MASCAL BLYSSE-ET | USA 73967653 | | | C | | | |
| RIC-REY MASCAL BRIELLA-ET | USA 73967654 | | | | | | |
| RIC-REY MILLION ELLA | USA 73967643 | | | | | | |
| RIC-REY MILLION FAYLA-TW | USA 73967594 | | | | | | |
| RIC-REY MILLION FEYLA-TW | USA 73967595 | | | | | | |
| RIC-REY MILLION MARTHA-TW | USA 72507760 | | C | | | | |
| RIC-REY MILLION MARY-TW | USA 72507759 | | | | | | |
| RIC-REY MINCIO LISA | USA 73967656 | | | | | | |
| RIC-REY MIXER TEXAS | USA 71819501 | | | | | | |
| RIC-REY MIZZOU SELENA | USA 73967658 | | | | | | |
| RIC-REY MOGUL COFFEE | USA 73967666 | | | | | | |
| RIC-REY MOGUL DOWNY | USA 73967657 | | | | | | |
| RIC-REY MOGUL JUSTINE | USA 73967668 | | | | | | |
| RIC-REY MONTEREY ZONE | USA 73967674 | | | C | | | |
| RIC-REY MONTROS FLORENCE-ET | USA 73967600 | | | C | | | |
| RIC-REY MONTROSS FANCY-ET | USA 73967605 | | | C | | | |
| RIC-REY MONTROSS FLORIDA-ET | USA 73967599 | | | | | | |
| RIC-REY MONTROSS FORTE-ET | USA 73967606 | | | C | | | |
| RIC-REY MOONSTRUCK MABLE | USA 72507795 | | C | | | | |
| RIC-REY MOSCOW ARPEGGIO | USA 63092977 | C | | | | C | |
| RIC-REY NEITZEL PANSY | USA 73967608 | | | | | | |
| RIC-REY NOMINEE ANEESA | USA 73967583 | C | | | | C | |
| RIC-REY NOMINEE HASINA | USA 73967580 | | | | | | |
| RIC-REY OBSERVER GLAD | USA 72507728 | | | | | | |
| RIC-REY OBSERVER MARCY | USA 73967597 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RIC-REY OBSERVER TAMBA | USA 72507727 | | | | | | |
| RIC-REY OBSERVER TONITE | USA 72507731 | | | | | | |
| RIC-REY OBSERVER WILMA | USA 73967637 | | | | | | |
| RIC-REY PALERMO LILAC-TW | USA 71819540 | C | | | | | |
| RIC-REY PALERMO LILY-TW | USA 71819539 | C | | | | | |
| RIC-REY PARTYROCK BETH | USA 73967585 | | | | | | |
| RIC-REY PLANET GLORY-ET | USA 71819525 | | | C | | | |
| RIC-REY PLANET JUSTINE | USA 72507777 | | | | | | |
| RIC-REY PLATINUM AMY | USA 72507780 | | | | | C | |
| RIC-REY REBEL 693 | USA 71819534 | | | | | | |
| RIC-REY REMARK-P ANITA | USA 73967635 | | | | | | |
| RIC-REY REMARK-P CHERRY | USA 73967646 | | | | | | |
| RIC-REY REMARK-P JENNA | USA 73967642 | | | | | | |
| RIC-REY ROBUST MIRAGE-ET | USA 73967628 | | | | | | |
| RIC-REY ROSS DAWN | USA 72507793 | | | | | | |
| RIC-REY ROSS JEWEL | USA 72507799 | | | | | | |
| RIC-REY ROSS MARGE | USA 73967614 | | | C | | | |
| RIC-REY ROSS MARTI | USA 73967584 | | | | | | |
| RIC-REY ROSS PATTI | USA 72507765 | | | C | | | |
| RIC-REY ROSS SARA | USA 72507747 | | | C | | | |
| RIC-REY ROSS ZIPPY | USA 72507749 | | | C | | | |
| RIC-REY RUBICON ADARA | USA 73967619 | | | | | | |
| RIC-REY RUBICON BAHATI-ET | USA 73967662 | | | C | | | |
| RIC-REY RUBICON BALI-ET | USA 73967660 | | | | | | |
| RIC-REY RUBICON BERDINA-ET | USA 73967659 | | | | | | |
| RIC-REY RUBICON BYANCA-ET | USA 73967663 | | | | | | |
| RIC-REY RUBICON MOROCCO | USA 73967673 | | | | | | |
| RIC-REY RUDOLPH ASHLI | USA 72507735 | | | | | | 3 |
| RIC-REY SAMMY PLEASE | USA 69974231 | | | | | C | |
| RIC-REY SHOT GLANCE | USA 72507724 | | | | | C | |
| RIC-REY SHOT NANCI | USA 71819526 | | | | | | |
| RIC-REY SHOT PEARL | USA 72507755 | | | | | C | |
| RIC-REY SHOT RUBY | USA 71819514 | | | | | | |
| RIC-REY SHOTTLE ALOHA | USA 72507770 | | | | | | |
| RIC-REY SNOWPACK MACY | USA 73967589 | | | | | | |
| RIC-REY STERLING SARA | USA 72507734 | | | | | | |
| RIC-REY SUPERSIRE ANNIE | USA 72507796 | | | | | | |
| RIC-REY SUPERSIRE GEVA | USA 72507732 | | | | | | |
| RIC-REY SUPERSIRE WILDFIRE | USA 72507718 | | | | | | |
| RIC-REY TOPSIDE SANDI | USA 72507792 | | | | | | |
| RIC-REY TOPSY ABIGAIL | USA 73967636 | | | C | | | |
| RIC-REY UNO FIALA | USA 73967601 | | | | | | |
| RIC-REY WINDBROOK ARISTA | USA 71819493 | | | | | C | |
| RIC-REY WINDBROOK HEIDI | USA 72507746 | | | | | | 1 |
| RIC-REY WINDBROOK RUBY | USA 72507753 | | | | | | 1 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIC-REY YODER LUSTROUS-ET | USA 73967617 | | | | | | |
| RICDORSONS ABOUT APPLE-RED | USA 74466003 | | | | | | |
| RICDORSONS COLTP ABREE | USA 70778656 | | | | | | |
| RICE-ACRES BRAXTON RO-ET | USA 142365887 | | | | | | |
| RICECREST ACTIVE ABBY-ET | USA 140045385 | | | | | | |
| RICECREST ACTIVE ADRIA | USA 140816369 | | | | | C | |
| RICECREST ACTIVE ASHLEY-ET | USA 140045376 | | | | | C | |
| RICECREST AMEL ANITA-ET | USA 127764063 | | | | | | |
| RICECREST BOLTON BAYNA | USA 141189165 | | | | | | |
| RICECREST BOOKEM BESS | USA 141596174 | | | | | | |
| RICECREST BOOKEM BLUEBELL | USA 141943882 | | | | | | |
| RICECREST CALIBER CHRISTINE | USA 141596101 | | | | | | |
| RICECREST CALIBER CLAIRE | USA 141910347 | | | | | | |
| RICECREST CONVINCE CARLA-ET | USA 129952778 | | | | | | |
| RICECREST DEFENDER DELIA | USA 143001346 | | | | | | |
| RICECREST DENALI DARIA | USA 141596035 | | C | | | | 3 |
| RICECREST DOM DEVIN | USA 143031440 | | | | | | |
| RICECREST DORCY DREA | USA 142760543 | | | | | | |
| RICECREST DORCY DREAM | USA 143001337 | | | | | | |
| RICECREST DUSTER DEANNE-ET | USA 17328268 | | | | | | |
| RICECREST ESCALADE ELISA | USA 141910310 | | | | | | |
| RICECREST FREDDIE FAWN | USA 141189071 | | | | | | |
| RICECREST GOLDCHP GEMINI-ET | USA 142949630 | | | | | | |
| RICECREST GOLDCHP GINGER-ET | USA 142949649 | | | | | | |
| RICECREST GOLDCHP GOLDIE-ET | USA 142949658 | | | | | | |
| RICECREST GRAFEETI GLADE | USA 141910383 | | | | | | 1 |
| RICECREST GULF GRACIE | USA 143031459 | | | | | | |
| RICECREST HAYDEN HALEY | USA 141188678 | | | | | | |
| RICECREST IOTA IANNA | USA 141597698 | | | | | | |
| RICECREST IOTA IESHIA | USA 141944351 | | | | | | |
| RICECREST IOTA ILYSE-ET | USA 141945745 | | | | | C | |
| RICECREST IOTA ISABELLA-ET | USA 141945718 | | | | | | |
| RICECREST IOTA IVORY | USA 141910235 | | | | | | |
| RICECREST IOTA IVY | USA 141596222 | | | | | | |
| RICECREST IOTA IZZY-ET | USA 141903277 | | | | | | |
| RICECREST JACEY JUDY | USA 143001328 | | | | | | |
| RICECREST JACEY JUNE | USA 143001319 | | | | | | |
| RICECREST JEEVES JANINE-ET | USA 141189875 | | | | | | |
| RICECREST JET STREAM JOY | USA 138557494 | | | | | | |
| RICECREST LATIMER LESLIE | USA 142761571 | | | | | | 1 |
| RICECREST LUKE LAUREN-ET | USA 15626481 | | | | | | |
| RICECREST LUKE LORI-ET | USA 15626470 | | | | | | |
| RICECREST LUKE LYNN-ET | USA 15930961 | | | | | | |
| RICECREST MAC MIRANDA | USA 138557476 | | | | | | |
| RICECREST MACK MCKAYLA | USA 143001364 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RICECREST MAN-O-M MORIAH | USA 141598103 | | | | | | |
| RICECREST MAN-O-MAN MEADOW | USA 141597607 | | | | | | |
| RICECREST MAN-O-MAN MISTY | USA 141189101 | | | | | | |
| RICECREST MANDEL AMBER-ET | USA 15930940 | | | | | | |
| RICECREST MASSEY MARYANN | USA 142982154 | | | | | | |
| RICECREST MCCUTCHEN MAYBELL | USA 142982118 | | | | | | |
| RICECREST MCCUTCHEN MORGAN | USA 142982097 | | | | | | |
| RICECREST MILLION MARBLE-ET | USA 141189905 | | | | | | |
| RICECREST MILLION MO-ET | USA 140045415 | | | | | | |
| RICECREST MOGULS MAINE | USA 142756814 | | | | | | |
| RICECREST O GERARD GABBY-ET | USA 141903286 | | | | | | |
| RICECREST OAK OLESIA | USA 142982136 | | | | | | |
| RICECREST OAK ORLAINE | USA 142982145 | | | | | | |
| RICECREST OBSERVER OCEAN-ET | USA 141927725 | | | | | | |
| RICECREST OBSERVER OLISA-ET | USA 141903295 | | | | | | |
| RICECREST OBSERVER OMYRA-ET | USA 141903316 | | | | | | |
| RICECREST OBSERVER ORALIA | USA 141596062 | | | | | | |
| RICECREST OBSERVER ORELA-ET | USA 141927707 | | | | | | |
| RICECREST OBSERVER ORIA | USA 141596259 | | | | | | |
| RICECREST OSCAR TRISH-ET | USA 15327573 | | | | | | |
| RICECREST OSMOND OREILLE | USA 141596204 | | | | | | |
| RICECREST PLATO PIPER | USA 141596044 | | | | | | |
| RICECREST SHAMROCK SHARI-ET | USA 141903361 | | | | | | |
| RICECREST SHAMROCK SONYA-ET | USA 141903352 | | | | | | |
| RICECREST SHOTTLE SARAH-ET | USA 137198430 | | | | | C | |
| RICECREST SHOTTLE SASHA-ET | USA 137198476 | | | | | C | |
| RICECREST SHOTTLE SHARI-ET | USA 137198485 | C | | | | C | |
| RICECREST SHOTTLE SHELLY-TW | USA 137197952 | | | | | C | |
| RICECREST STORMAT STACY-ET | USA 135216499 | | | | | | |
| RICECREST SUPER SADIE | USA 141597616 | | | | | | |
| RICECREST SUPERSIRE SADIE | USA 142756766 | | | | | | |
| RICECREST SUPERSIRE SAGE | USA 142756832 | | | | | | |
| RICECREST SVB LUANNE | USA 64552219 | | | | | | |
| RICECREST TANGO TANAYA | USA 143001355 | | C | | | | |
| RICECREST TOYSTORY TAYLOR | USA 138395308 | | | | | | |
| RICH-BANKS G MAN-O-MANDA-ET | USA 66800614 | | | | | | |
| RICH-BANKS G MAN-O-MANDY-ET | USA 66800615 | | | | | | |
| RICH-BANKS GH JEZEBEL-ET | USA 66800569 | | | | | | |
| RICH-BANKS GH PRECISE-ET | USA 66800596 | | | | | | |
| RICH-BANKS MILI-ET | USA 66800573 | | | | | | |
| RICH-BANKS MM JEVON-ET | USA 70287843 | | | | | | |
| RICH-BANKS MM JOCULAR-ET | USA 70287838 | | | | | | |
| RICH-BANKS MM JOVIAL-ET | USA 70287837 | | | | | | |
| RICH-BANKS MM JUJITSU-ET | USA 70287845 | | | | | | |
| RICH-ED DAY LYNDY | USA 72451358 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RICH-ED JACEY 854 | USA 72942456 | | | | | | |
| RICH-ED MASSEY 863 | USA 74169919 | | | | | | |
| RICH-ED TROY 899 | 840003132704734 | | | | | | |
| RICH-J ABEL 2317 | USA 72159647 | | | | | | |
| RICH-J ABEL 2385-P-RED | USA 72667454 | | | | | | |
| RICH-J ABEL 2408-P | USA 72923411 | | | | | | |
| RICH-J ABEL BAMBI-P | USA 72667461 | | | | | | |
| RICH-J ABEL BILKO-P | USA 72667455 | | | | | | |
| RICH-J ABEL CRIK-P-BLACKRED | USA 72667460 | | | | C | | |
| RICH-J ABEL E2360-P | USA 72667429 | | | | | | |
| RICH-J ABEL E2390-P | USA 72667459 | | | | | | |
| RICH-J ABEL MAZI | USA 72923421 | | | | | | |
| RICH-J ABEL OLIVIA-P | USA 72667457 | | | | | | |
| RICH-J AGGRESSIVE 2164-RED | USA 70433856 | | | | | | |
| RICH-J AGGRESSIVE FRITZ-RED | USA 70433865 | | | | | | |
| RICH-J AGGRESSIVE LINED | USA 71250794 | C | | | | | |
| RICH-J AIRFORCE ADDY | USA 70433850 | | | | | | |
| RICH-J AIRLIFT 2305 | USA 72159635 | | | | | | |
| RICH-J AIRLIFT 2316 | USA 72159646 | | | | | | |
| RICH-J AIRLIFT 2325 | USA 72159655 | | | | | | |
| RICH-J AIRLIFT JELLIN | USA 72159637 | | | | | | |
| RICH-J AIRNET 2330 | USA 72159660 | | | | | | |
| RICH-J AIRNET AGATHA | USA 71250818 | | | | | | |
| RICH-J AIRNET AGIRL | USA 72159630 | | | | | | |
| RICH-J AIRNET BACKHAND | USA 72159645 | | | | | | |
| RICH-J AIRNET HEMPER | USA 72159668 | | | | | | |
| RICH-J AIRNET RUBLE | USA 72159673 | | | | | | |
| RICH-J AIRNET VIDA | USA 72159663 | | | | | | |
| RICH-J ALLY RILLEY | USA 62269418 | | | | | | |
| RICH-J ALTALEO 2357 | USA 72667426 | | | | | | |
| RICH-J ALTALEO 2362 | USA 72667431 | | | | | | |
| RICH-J ALTALEO DELLA | USA 72667433 | | | | | | |
| RICH-J ALTALEO DESSY | USA 72667428 | | | | | | |
| RICH-J ALTALEO LINED | USA 72667444 | | | | | | |
| RICH-J ARMY 2535 | USA 74064804 | | | | | | |
| RICH-J ARMY 2537 | USA 74064806 | C | | | | | |
| RICH-J ARMY 2540-VR-RED | USA 74064809 | | | | | | |
| RICH-J ARMY 2549-VR-RED | USA 74064818 | | | | | | |
| RICH-J ARMY 2551-RED | USA 74064820 | | | | | | |
| RICH-J ARMY 2554-P-VR-RED | USA 74064823 | | | | | | |
| RICH-J ARMY 2555-RED | USA 74064824 | | | | | | |
| RICH-J ARMY 2556 | USA 74064825 | | | | | | |
| RICH-J ARMY 2557 | USA 74064826 | | | | | | |
| RICH-J ARMY 2558 | USA 74064827 | | | | | | |
| RICH-J ARMY 2559-VR-RED | USA 74064828 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J ARMY 2560-VR-RED | USA 74064829 | | | | | | |
| RICH-J ARMY 2561 | USA 74064830 | | | | | | |
| RICH-J ARMY 2564-VR-RED | USA 74064833 | | | | | | |
| RICH-J ARMY 2565-VR-RED | USA 74064834 | | | | | | |
| RICH-J ARMY 2567-VR-RED | USA 74064836 | | | | | | |
| RICH-J ARMY 2568 | USA 74064837 | | | | | | |
| RICH-J ARMY 2569 | USA 74064838 | | | | | | |
| RICH-J ARMY 2576-VR-RED | USA 74064845 | | | | | | |
| RICH-J ARMY 2580-VR-RED | USA 74064849 | | | | | | |
| RICH-J ARMY 2582 | USA 74064851 | | | | | | |
| RICH-J ARMY 2588 | USA 74064857 | | | | | | |
| RICH-J ARMY 2589-VR-RED | USA 74064858 | | | | | | |
| RICH-J ARMY ANDIE | USA 74064789 | | | | | | 1 |
| RICH-J ARMY E2510 | USA 74064779 | | | | | | |
| RICH-J ARMY E2511-VR-RED | USA 74064780 | | | | | | |
| RICH-J ARMY E2515-VR-RED | USA 74064784 | | | | | | |
| RICH-J ARMY E2517 | USA 74064786 | | | | | | |
| RICH-J ARMY E2518 | USA 74064787 | C | | | | | |
| RICH-J ARMY E2519-RED | USA 74064788 | | | | | | |
| RICH-J ARMY E2521-VR-RED | USA 74064790 | | | | | | |
| RICH-J ARMY E2523 | USA 74064792 | | | | | | |
| RICH-J ARMY E2524 | USA 74064793 | | | | | | |
| RICH-J ARMY E2527 | USA 74064796 | C | | | | | |
| RICH-J ARMY E2529 | USA 74064798 | | | | | | |
| RICH-J ARMY S2525 | USA 74064794 | | | | | | |
| RICH-J ARMY S2530 | USA 74064799 | | | | | | |
| RICH-J ARMY SHOUT-VR-RED | USA 74064775 | | | | | | |
| RICH-J ARMY SLICK-VR-RED | USA 74064769 | | | | | | |
| RICH-J ARMY T2528-VR-RED | USA 74064797 | | | | | | |
| RICH-J ARRON AMBERED-RED | USA 70433872 | | | | | | |
| RICH-J BEAVER TRESH | USA 61698311 | | | | | | |
| RICH-J BERING FRACCEL | USA 71250821 | | | | | | |
| RICH-J BERING MACCRO | USA 71250817 | | | | | | |
| RICH-J BERING MOONRAY | USA 71250825 | | | | | | |
| RICH-J BERING SALTO | USA 71250816 | | | | | | |
| RICH-J BETTMAN 2574 | USA 74064843 | | | | | | |
| RICH-J BETTMAN 2575 | USA 74064844 | | | | | | |
| RICH-J BETTMAN 2627 | 840003131596663 | | | | | | |
| RICH-J BETTMAN 2635 | 840003131596671 | | | | | | |
| RICH-J BOMBERO 2593-P | USA 74064862 | | | | | | |
| RICH-J CAMPUS TAMMED | USA 74064795 | | | | | | |
| RICH-J CARSON MYRON | USA 72923454 | | | | | | |
| RICH-J CASHCOIN LILLIES | USA 72923461 | | | | | | |
| RICH-J CASHCOIN UTIPIA | USA 72923453 | | | | | | |
| RICH-J CELLO AMELLO | USA 71250785 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J CERTAIN 2622 | 840003131596658 | | | | | | |
| RICH-J COLEMON E2452 | USA 72923455 | | | | | | |
| RICH-J COLT JAXX-RED | USA 71250736 | | | | | | |
| RICH-J COLT KRACKED-RED | USA 71250799 | | | | | | |
| RICH-J COLT VELVET-RED | USA 71250759 | | | | | | |
| RICH-J DAKKER AGOGO | USA 71250827 | | | | | | |
| RICH-J DANCER 2293-RED | USA 71250828 | | | | | | |
| RICH-J DANCER 2389-P-RED | USA 72667458 | | | | | | |
| RICH-J DANCER ADDIE-VR-RED | USA 72667434 | | | | | | |
| RICH-J DANCER ADMIRED-P-RED | USA 72667419 | | | | | | 1 |
| RICH-J DANCER ALOE-P V-RED | USA 72159669 | | | | | | |
| RICH-J DANCER E2396-P | USA 72667465 | | | | | | |
| RICH-J DANCER MIXER | USA 72667440 | | | | | | |
| RICH-J DANCER SIMMER | USA 72159648 | | | | | | |
| RICH-J DANCER YAKKER-P | USA 72159667 | | | | | | |
| RICH-J DAVIS 2221 | USA 71250756 | | | | | | |
| RICH-J DAZZED AMOR-VR-RED | USA 72923486 | | | | | | |
| RICH-J DETRIOT KRASH | USA 71250786 | | | | | | 1 |
| RICH-J DETROIT BONBON | USA 72923414 | | | | | | |
| RICH-J DETROIT BOUND | USA 72923419 | C | | | | | |
| RICH-J EARNHARDT DY-V-P-RED | USA 72923431 | | | | | | |
| RICH-J EARNHARDT DYMOND-P | USA 72923495 | | | | | | |
| RICH-J ELECTION AIR | USA 72667437 | | | | | | |
| RICH-J ELECTION AMERI | USA 72667467 | | | | | | |
| RICH-J ELECTION KEYED | USA 72667443 | | | | | | |
| RICH-J ELECTION ZIPPED | USA 72667424 | | | | | | |
| RICH-J ELMO 2533 | USA 74064802 | | | | | | |
| RICH-J ELMO 2552 | USA 74064821 | | | | | | |
| RICH-J ELVIS 2311 | USA 72159641 | C | | | | | |
| RICH-J ELVIS AMAMA | USA 71250834 | C | | | | | |
| RICH-J ELVIS MELODIES | USA 71250829 | C | | | | | |
| RICH-J ELVIS TIMETEST | USA 72159640 | | | | | | |
| RICH-J EMERALD ACRON | USA 71250771 | C | | | | | |
| RICH-J EMERALD ALIANNA-RED | USA 71250750 | C | | | | | |
| RICH-J EMERALD SPLEN | USA 71250776 | | | | | | |
| RICH-J EMERALD TABICAT | USA 71250761 | C | | | | | |
| RICH-J EMERALD UTOPIA | USA 71250757 | | | | | | |
| RICH-J EPIC ADAGIRL | USA 71250824 | | | | | | |
| RICH-J EPIC AMER | USA 72667446 | | | | | | |
| RICH-J EPIC AMMI | USA 72159666 | | | | | | |
| RICH-J EPIC DINO | USA 72159654 | | | | | | |
| RICH-J EPIC GIDGET | USA 72159659 | | | | | | |
| RICH-J EPIC SPICEY | USA 72159664 | | | | | | |
| RICH-J ERASER 2584-P | USA 74064853 | | | | | | |
| RICH-J ERASER 2590-P | USA 74064859 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J ERASER 2591-P | USA 74064860 | | | | | | |
| RICH-J ERASER 2597 | USA 74064866 | | | | | | |
| RICH-J ERASER 2606-P | 840003131596642 | | | | | | |
| RICH-J ERASER 2607 | 840003131596643 | | | | | | |
| RICH-J ERASER 2611-P-VR-RED | 840003131596647 | | | | | | |
| RICH-J ERASER 2616-P | 840003131596652 | | | | | | |
| RICH-J ERASER 2620 | 840003131596656 | | | | | | |
| RICH-J ESKDALE ARMANI AMIE | USA 72323301 | | | | | | |
| RICH-J EVERGLADE KAMI | USA 72923465 | | | | | | |
| RICH-J FABRIC 2438 | USA 72923441 | | | | | | |
| RICH-J FABRIC BRENDA | USA 72923439 | | | | | | |
| RICH-J FABRIC RUBAL | USA 72923463 | | | | | | |
| RICH-J FABRIC UNESCA-VR-RED | USA 72923440 | | | | | | |
| RICH-J FACEBOOK LOONY | USA 72923422 | | | | | | |
| RICH-J FACEBOOK RIPLEY | USA 72923426 | | | | | | |
| RICH-J GRAM 2629 | 840003131596665 | | | | | | |
| RICH-J GRAM 2631 | 840003131596667 | | | | | | |
| RICH-J GRAM 2634 | 840003131596670 | | | | | | |
| RICH-J GREATEST AIRSHOW | USA 71250801 | | | | | | |
| RICH-J IOTA AOTA | USA 70433825 | C | | | | | |
| RICH-J IOTA ATTACK | USA 70433821 | | | | | | |
| RICH-J IOTA DAZZELS-RED | USA 70433793 | | | | | | |
| RICH-J IOTA PLUM | USA 70433871 | | | | | | |
| RICH-J JABIR 2539 | USA 74064808 | | | | | | |
| RICH-J JABIR 2541 | USA 74064810 | | | | | | |
| RICH-J JACKMAN ALISIA | USA 72923469 | | | C | | | |
| RICH-J JACKMAN E2475 | USA 72923478 | | | | | | |
| RICH-J JAGGER ADER | USA 72923467 | | | | | | |
| RICH-J JAGGER ALTOID-VR-RED | USA 72923475 | | | | | | |
| RICH-J JAGGER BAMBI | USA 72923487 | | | | | | |
| RICH-J JAGGER CLAMER | USA 72923489 | | | | | | |
| RICH-J JAGGER E2468 | USA 72923471 | | | | | | |
| RICH-J JAGGER E2496 | USA 72923499 | | | | C | | |
| RICH-J JAGGER LIMELIGHT-RED | USA 72923479 | | | | | | |
| RICH-J JAGGER SECRET-RED | USA 72923474 | | | | | | |
| RICH-J JARMIL 2274 | USA 71250809 | | | | | | |
| RICH-J JARMIL AMOR | USA 71250812 | | | | | | |
| RICH-J JOHNSON DAZZEL | USA 72923462 | | | | | | |
| RICH-J JOHNSON LIMES | USA 72923459 | | | | | | |
| RICH-J JUPITAR MARS | USA 72667447 | | | | | | |
| RICH-J JURYMAN BABYFACE | USA 65998222 | | | | | | |
| RICH-J KAT 1834 | USA 65998240 | | | | | | |
| RICH-J KAT 1889-RED | USA 65998295 | | | | | | |
| RICH-J KAT 1937 | USA 66965844 | | | | | | |
| RICH-J KAT ANDIE-RED | USA 65998231 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J KAT ATTACK-RED | USA 65998285 | | | | | | |
| RICH-J KAT DYE-RED | USA 65998221 | | | | | | |
| RICH-J KAT LUCY | USA 69071201 | | | | | | |
| RICH-J KAT TALEELEE-RED | USA 65998239 | | | | | | |
| RICH-J KAT X-RAY-RED | USA 63609591 | | | | | | |
| RICH-J KOZAK 2633 | 840003131596669 | | | | | | |
| RICH-J LAND ANDIE | USA 71250819 | | | | | | 1 |
| RICH-J LARSON AMNESTY | USA 71308223 | | | | | | 3 |
| RICH-J LATIMER LIAI | USA 72667420 | | | | | | |
| RICH-J LATIMER LILOC | USA 72667421 | | | | | | |
| RICH-J LATIMER SPLERG | USA 72667448 | | | | | | 1 |
| RICH-J LATROY 2275 | USA 71250810 | | | | | | 3 |
| RICH-J LATROY TANNER | USA 71250796 | | | | | | |
| RICH-J LAUMAN 2407 | USA 72923410 | | | | | | 3 |
| RICH-J LAUMAN L2395 | USA 72667464 | | | | | | |
| RICH-J LAUMAN TINSEL | USA 72923413 | | | | | | 1 |
| RICH-J LAVAMAN 2413 | USA 72923416 | | | | | | |
| RICH-J LAVAMAN 2420 | USA 72923423 | | | | | | |
| RICH-J LAVAMAN 2439 | USA 72923442 | | | | | | |
| RICH-J LAVAMAN PLOMP | USA 72923424 | | | | | | 1 |
| RICH-J LEAF 2618-RED | 840003131596654 | | | | | | |
| RICH-J LEAF 2623 | 840003131596659 | | | | | | |
| RICH-J LEO ALAGORI | USA 72159665 | | | | | | |
| RICH-J LEO DYNI | USA 72159674 | | | | | | |
| RICH-J LEO E2255 | USA 71250790 | | | | | | |
| RICH-J LEO E2342 | USA 72159672 | | | | | | |
| RICH-J LEO E2346 | USA 72159676 | | | | | | |
| RICH-J LEO X-IT | USA 72159675 | | | | | | |
| RICH-J LET IT SNOW E2461 | USA 72923464 | | | | | | |
| RICH-J LINCOLN ORPHAN | USA 71250789 | | | | | | |
| RICH-J LINEUP ABRIL | USA 72923438 | | | | | | |
| RICH-J LINEUP SHEEN | USA 72923436 | | | | | | |
| RICH-J LITTLETON UNA-RED-ET | 840003131596661 | | | | | | |
| RICH-J LOREN DAKKER | USA 72667430 | | | | | | |
| RICH-J LOWERY 2532 | USA 74064801 | | | | | | 1 |
| RICH-J MAGENTA AMIRI | USA 72923417 | | | | | | |
| RICH-J MAGENTA FRAZ-TW | USA 72923429 | | | | | | |
| RICH-J MAGENTA FRAZZ-TW | USA 72923428 | | C | | | | 3 |
| RICH-J MAMOUITH ADANIS | USA 63609571 | | | | | | |
| RICH-J MAMOUITH ALEXIS-RED | USA 63609569 | | | | | | |
| RICH-J MAMOUITH ALOE-RED | USA 63609588 | | | | | | |
| RICH-J MAMOUITH AZAR-RED | USA 63609575 | | | | | | |
| RICH-J MAMOUITH DIMOND-RED | USA 63609595 | | | | | | |
| RICH-J MAMOUITH MERANDA | USA 63609577 | C | | | | | |
| RICH-J MAMOUITH TALON-RED | USA 63609570 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J MANOMAN ALEX-RED | USA 69071235 | | | | | | |
| RICH-J MANOMAN ALOHA-RED | USA 69071238 | | | | | | |
| RICH-J MARDI GRAS 2581 | USA 74064850 | | | | | | |
| RICH-J MARDI GRAS 2585 | USA 74064854 | | | | | | |
| RICH-J MARDI GRAS 2586 | USA 74064855 | C | | | | | 3 |
| RICH-J MARS ARROW | USA 71250805 | | | | | | |
| RICH-J MARS LAMBCHOP | USA 71250770 | | | | | | |
| RICH-J MARS LEAPER | USA 71250777 | | | | | | |
| RICH-J MATADOR 2445 | USA 72923448 | | | | | | |
| RICH-J MICAH BILKO | USA 70433890 | | | | | | |
| RICH-J MICAH DISTIN | USA 70433876 | | | | | | |
| RICH-J MICAH JASP | USA 70433869 | | | | | C | |
| RICH-J MOMENT S2507 | USA 74064776 | | | | | | |
| RICH-J NATO 2192 | USA 70433884 | | | | | | |
| RICH-J NATO MELODI | USA 71250735 | | | | | | |
| RICH-J NATO YOYO | USA 71250737 | | | | | | |
| RICH-J NAVY M2347 | USA 72159677 | | | | | | |
| RICH-J NEUTRON ALEO-RED | USA 70433798 | | | | | | |
| RICH-J OAK ALDER | USA 72923458 | | | | | | |
| RICH-J OAK AMPUL | USA 74064791 | | | | | | |
| RICH-J OAK MAZZY | USA 74064785 | | | | | | |
| RICH-J OAK SWING | USA 72923434 | | | | | | |
| RICH-J OAK TREE-TW | USA 74064771 | | | | | | |
| RICH-J OAK TREES-TW | USA 74064772 | | | | | | |
| RICH-J OLYMPIAN AMOCO | USA 73360984 | | | | | | |
| RICH-J OMAX AZUR-RED | USA 69531215 | | | C | | | |
| RICH-J OTTO DRASTIC | USA 69071242 | | | | | | |
| RICH-J OTTO TILILI-RED | USA 69531182 | | | | | | |
| RICH-J OVERTIME-P 2572 | USA 74064841 | | | | | | |
| RICH-J PHONIC 2268 | USA 71250803 | | | | | | |
| RICH-J PILSNER AGATHA | USA 72923445 | | | | | | |
| RICH-J PILSNER MERRI | USA 72923447 | | | | | | |
| RICH-J PURE 2612 | 840003131596648 | | | | | | |
| RICH-J PURE 2614 | 840003131596650 | | | | | | |
| RICH-J PURE 2615 | 840003131596651 | | | | | | |
| RICH-J PURE 2617 | 840003131596653 | | | | | | |
| RICH-J PURE 2619 | 840003131596655 | | | | | | |
| RICH-J QUATTRO 2191 | USA 70433883 | | | | | | |
| RICH-J QUATTRO GELO | USA 71250754 | | | | | | |
| RICH-J RACER 2553 | USA 74064822 | | | | | | |
| RICH-J RACER SPICEY | USA 74064770 | | | | | | |
| RICH-J RACER TRACK | USA 72923502 | | | | | | |
| RICH-J RAGER 2599-P-RED | USA 74064868 | | | | | | |
| RICH-J RAGER 2602 | 840003131596638 | | | | | | |
| RICH-J RIC APPLY-RED | USA 71250784 | | C | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J RIC MICAH-RED | USA 71250781 | | | | | | 3 |
| RICH-J ROBERT APPS | USA 72923406 | | | | | | |
| RICH-J ROBERT E2394 | USA 72667463 | | | | | | |
| RICH-J ROBERT YANU | USA 72923446 | | | | | | |
| RICH-J ROSS BAMBYE | USA 71250763 | | | C | | | |
| RICH-J ROSS LIME | USA 71250760 | | | C | | | |
| RICH-J ROYAL ROUNDY | USA 74064778 | | | | | | |
| RICH-J RUBENS 2296 | USA 71250831 | | | | | | |
| RICH-J RUBENS 2297 | USA 71250832 | | | | | | |
| RICH-J RUBENS AIRNESS | USA 71250820 | | | | | | |
| RICH-J RUBENS MATCHBOX | USA 71250814 | | | | | | |
| RICH-J RUBENS UNO | USA 72159639 | | | | | | |
| RICH-J RUFFIAN DYED-RED | USA 69531158 | | | | | | |
| RICH-J RUFFIAN TOPEKA-RED | USA 70433847 | | | | | | |
| RICH-J RUFFIAN X-TRA | USA 69531153 | | | | | | |
| RICH-J SECURE ADELINE-RED | USA 70433885 | | | | | | 3 |
| RICH-J SMURF E2498 | USA 72923501 | | | | | | |
| RICH-J SMURF N2504 | USA 74064773 | | | | | | |
| RICH-J SMURF S2505 | USA 74064774 | | | C | | | |
| RICH-J SPEAKER 2592 | USA 74064861 | | | | | | |
| RICH-J SPYWARE E2465 | USA 72923468 | | | | | | |
| RICH-J SPYWARE SPINNER | USA 74064777 | | | | | | |
| RICH-J SROCK AKITA ACOLYTE | 840003128590699 | | | | | | 1 |
| RICH-J SUPERFLY 2298 | USA 71250833 | | | | | | |
| RICH-J SUPERFLY 2303 | USA 72159633 | | | | | | |
| RICH-J SUPERFLY 2319 | USA 72159649 | | | | | | |
| RICH-J SUPERFLY SATIN | USA 72159650 | | | | | | |
| RICH-J SUPLEX DAKKERI | USA 72667456 | | | | | | |
| RICH-J SUSTAIN 2326 | USA 72159656 | | | | | | |
| RICH-J SUSTAIN ADDER | USA 72159671 | | | | | | |
| RICH-J SUSTAIN OLEA | USA 72667423 | | | | | | |
| RICH-J SUSTAIN ZIPPED | USA 72159657 | | | | | | |
| RICH-J SYMPATICO TANNER | USA 72923444 | | | | | | |
| RICH-J TANDUM 2595 | USA 74064864 | | | | | | |
| RICH-J TANDUM 2598 | USA 74064867 | | | | | | |
| RICH-J TANDUM 2600 | 840003131596636 | | | | | | |
| RICH-J TANDUM 2601 | 840003131596637 | | | | | | |
| RICH-J TANDUM 2603 | 840003131596639 | | | | | | |
| RICH-J TANDUM 2605 | 840003131596641 | | | | | | |
| RICH-J TANDUM 2608 | 840003131596644 | | | | | | |
| RICH-J TANDUM 2610 | 840003131596646 | | | | | | |
| RICH-J TANDUM 2624 | 840003131596660 | | | | | | |
| RICH-J TANDUM 2626 | 840003131596662 | | | | | | |
| RICH-J TANDUM 2630 | 840003131596666 | | | | | | |
| RICH-J TANDUM 2632 | 840003131596668 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICH-J TANDUM 2636 | 840003131596672 | | | | | | |
| RICH-J TEACHER 2566 | USA 74064835 | | C | | | | |
| RICH-J TEACHER 2579-VR-RED | USA 74064848 | | | | | | |
| RICH-J TEACHER 2587 | USA 74064856 | | | | | | |
| RICH-J TEACHER 2604 | 840003131596640 | | C | | | | |
| RICH-J TEACHER 2609 | 840003131596645 | | C | | | | |
| RICH-J TOUCH ALITA-ET | USA 18017116 | C | | | | | |
| RICH-J TUCK ALYSE | USA 70433867 | | | | | | 3 |
| RICH-J VALOR TEACUP-RED | USA 72159651 | | | | | | |
| RICH-LOU WINDBROOK SUGAR | USA 142118207 | | | | | | 3 |
| RICH-MAR-LLC CROWN 1508-ET | 840003127898028 | | | | | | 1 |
| RICH-MAR-LLC CROWN 1512-ET | 840003127898032 | | | | | | 1 |
| RICH-MAR-LLC DOLOP 10173-ET | USA 72749521 | | | | | | |
| RICH-MAR-LLC DOLOP 10175-ET | USA 72749523 | | | | | | |
| RICH-MAR-LLC DOLOP 10183-ET | USA 72749531 | | | | | | |
| RICH-MAR-LLC EARNHT 9979-ET | USA 71851326 | | | | | | |
| RICH-MAR-LLC ERNHRT 9925-ET | USA 71851272 | | | | | | |
| RICH-MAR-LLC ERNHRT 9939-ET | USA 71851286 | | | | | | |
| RICH-RU ELTON MIDNIGHT-ET | USA 15780572 | | | | | | |
| RICH-RU GLOW MARIBETH | USA 14560757 | | | | | | |
| RICH-SAND OBSERVER EXCEL-ET | USA 141882291 | | | | | | |
| RICHLAWN ADRIAN ANNA ANN | USA 71380019 | | | | | | |
| RICHLAWN ALASKA ADDYSON | USA 71380003 | | | | | | 3 |
| RICHLAWN ALASKA ANISHA-ET | USA 71380001 | | | | | | |
| RICHLAWN ALASKA ARINN-ET | USA 74489185 | | | | | | |
| RICHLAWN ALASKA AROARA-ET | USA 74489182 | | | | | | |
| RICHLAWN ALASKA ARUBA-ET | USA 74489181 | | | | | | |
| RICHLAWN ALISON ALEYA-ET | USA 74489168 | | | | | | |
| RICHLAWN ALISON ALICIA-ET | USA 74489172 | | | C | | | |
| RICHLAWN ALISON ALLISON | USA 71380032 | | C | | | | |
| RICHLAWN AMBER AFRICA-ET | USA 74489186 | | | | | | |
| RICHLAWN AMBER ALEE-ET | USA 71380000 | | | | | | 3 |
| RICHLAWN AMBER ALLYANA-ET | USA 74489193 | | | | | | |
| RICHLAWN AMBER AMAZON-ET | USA 71380002 | | | | | | |
| RICHLAWN AMBER AMBEE-ET | USA 74489195 | | | | | | |
| RICHLAWN AMBER AMELIA-ET | USA 71380006 | | | | | | |
| RICHLAWN AMBER AMYA-ET | USA 71379999 | | | | | | |
| RICHLAWN AMBER AQUA-ET | USA 71379990 | | | | | | |
| RICHLAWN AMBER AUGUST-ET | USA 74489199 | | | | | | |
| RICHLAWN AMBER AZALEA-ET | USA 74489189 | | | | | | |
| RICHLAWN ANESKA CRI-ET | USA 70541688 | | | | | | |
| RICHLAWN APPLE ALASKA-ET | USA 66292277 | | | | | | |
| RICHLAWN APPLE AMBER-ET | USA 66292278 | | | | | | |
| RICHLAWN APRICOT ACE-ET | USA 74489212 | | | | | | |
| RICHLAWN APRICOT ARAYNA-ET | USA 74489203 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHLAWN APRIL ABIGAIL-ET | USA 66292200 | | | | | | |
| RICHLAWN APRIL ALICE-ET | USA 71379997 | | | | | | |
| RICHLAWN APRIL ALISON-ET | USA 71379940 | | | | | | |
| RICHLAWN APRIL ALLY-ET | USA 71379939 | | | | | | |
| RICHLAWN APRIL AMANDA-ET | USA 71379948 | | | | | | |
| RICHLAWN APRIL ANGIE-ET | USA 71379943 | | | | | | |
| RICHLAWN APRIL AUDREY-ET | USA 71379941 | | | | | | |
| RICHLAWN AVA ALOHA-ET | USA 71379993 | | | | | | |
| RICHLAWN AVA ASTRO-ET | USA 71379991 | | | | | | |
| RICHLAWN AVA AUTUMN-ET | USA 74489176 | | | | | | |
| RICHLAWN AVA AVALINE-ET | USA 74489177 | | | | | | |
| RICHLAWN AVA AVON-ET | USA 71379992 | | | | | | |
| RICHLAWN AVIA CRI-ET | USA 71451961 | | | | | | |
| RICHLAWN BARBIE BRANDIE | USA 66292227 | | | | | | |
| RICHLAWN BATES BONBON BUN | USA 74489214 | | | | | | |
| RICHLAWN BATES SELSY SOUP | USA 74489218 | | | | | | |
| RICHLAWN BOGART ROZEL ROSEL | USA 66292240 | | | C | | | |
| RICHLAWN CLARK ABIGAIL ABBY | USA 66292280 | | | | | | |
| RICHLAWN COLE SPIDEE SPIKEE | USA 66292262 | | | | | | |
| RICHLAWN DARLEE DEANA | USA 66292263 | | | C | | | |
| RICHLAWN DEFENDER ABBY ABBS | USA 74489164 | | | | | | |
| RICHLAWN GALAXY ANNA ADA | USA 71379973 | | | | | | |
| RICHLAWN GALAXY GYPSY | USA 71380018 | | | | | | |
| RICHLAWN HALOGEN AVA AVIA | USA 74489173 | | | | | | |
| RICHLAWN JULIPER JOPLER | USA 74489215 | | | | | | |
| RICHLAWN KBOY SIMONA SLIVER | USA 74489217 | | | | | | |
| RICHLAWN LERO APRIL ALMA-ET | USA 71379956 | | | | | | |
| RICHLAWN LOYDIE SHOE SHINE | USA 66292284 | | | | | | |
| RICHLAWN MUSCADET AQUA AWAY | USA 74489204 | | | | | | |
| RICHLAWN O-STYLE APRIL AVA | USA 66292271 | | | C | | | |
| RICHLAWN PETRON SAVY SPLASH | USA 71379949 | | | | | | |
| RICHLAWN PRINCESS POUNCE | USA 71379988 | | | | | | |
| RICHLAWN PURPLE PAULA-ET | USA 71379955 | | | | | | |
| RICHLAWN PURPLE PIPER-ET | USA 71379959 | | | | | | |
| RICHLAWN PURPLE PRINCES | USA 66292274 | | | | | | |
| RICHLAWN PURPLE PRUDY-ET | USA 71379961 | | | | | C | |
| RICHLAWN RISSLER RIPEL | USA 71379985 | | | | | | |
| RICHLAWN RISSLER ROMA | USA 71380027 | | | | | | |
| RICHLAWN SALVINO PAULA PJ | USA 74489171 | | | | | | |
| RICHLAWN SAVANNA SAVY | USA 66292233 | | | C | | | |
| RICHLAWN SAVANNA SWAN | USA 74489174 | | | | | | |
| RICHLAWN SHAN ABBY ARIEL | USA 71379989 | | | | | | |
| RICHLAWN SPARK SPARKIN | USA 66292235 | | | | | | |
| RICHLAWN SPARK SPARKLE | USA 66292273 | | | | | | |
| RICHLAWN SPARKIN STAREY | USA 71379981 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHLAWN SPARKLE SAMMIE-ET | USA 71380026 | | | | | | |
| RICHLAWN SPARKLE SHAE-ETS | USA 71380024 | | | | | | |
| RICHLAWN SPARKLE SHALYN-ET | USA 74489170 | | | | | | |
| RICHLAWN SPARKLE SHARON | USA 74489180 | | | | | | |
| RICHLAWN SPARKLE SHY-ETS | USA 71380025 | | | | | | |
| RICHLAWN SPARKLE SMILEY-ET | USA 71380030 | | | | | | |
| RICHLAWN SPARKLE SPACE-ET | USA 71380028 | | | | | | |
| RICHLAWN SPARKLE SPECKLE-ET | USA 71380029 | | | | | | |
| RICHLAWN SPARKLE SPIRAL-ET | USA 74489179 | | | | | | |
| RICHLAWN SUPER APRIL APPLE | USA 66292207 | | | | | | |
| RICHLAWN SUPER SHOE SILVER | USA 66292253 | | | | | | |
| RICHLAWN TANG APRIL AINSLEY | USA 71380009 | | C | | | | |
| RICHLAWN TROY ALMA ALLOW | USA 74489216 | | | | | | |
| RICHLAWN WIZ SARAH SAFARI | USA 60873251 | | | | | | |
| RICHLAWN YODR AMBER AQUE-ET | USA 74489198 | | | | | | |
| RICHLAWN YOWZA AVA AVICE-ET | USA 74489178 | | | C | | | |
| RICHLAWN YOWZA AVA AZA-ET | USA 74489165 | | | | | | |
| RICHMAN A DREAM R66-RED | USA 71838331 | | | | | | |
| RICHMAN L MAN MITZI 1190 P | USA 71838355 | | | | | | |
| RICHMOND-FD A FANTASTIC-ET | USA 73685277 | | | | | | |
| RICHMOND-FD A LYNDIE | USA 71141648 | | | | | | |
| RICHMOND-FD AB LILGA | USA 70287846 | | | | | | |
| RICHMOND-FD ABSINTH SHOT-ET | USA 74565166 | | | | | | |
| RICHMOND-FD ABSOLUT SHOT-ET | 840003131735387 | | | | | | |
| RICHMOND-FD ADRIAN FANCY-ET | USA 73685273 | | | | | | |
| RICHMOND-FD ADRIAN MALEIA | USA 73685310 | | | | | | |
| RICHMOND-FD AL LORALEE-ET | USA 69305026 | | | | | | |
| RICHMOND-FD AL LORELEI-ET | USA 69305028 | | | | | | |
| RICHMOND-FD AMARETO SHOT-ET | USA 74565165 | | | | | | |
| RICHMOND-FD ANISET SHOT-ET | USA 74565167 | | | | | | |
| RICHMOND-FD APLUS SHOT-ET | 840003131735396 | | | | | | |
| RICHMOND-FD ARMITAGE | USA 71141654 | | | | | | |
| RICHMOND-FD ARMITAGE CORA | USA 71141649 | | | | | | |
| RICHMOND-FD ARROW SHOT-ET | USA 74565181 | | | | | | |
| RICHMOND-FD ASTONISH DI-ET | 840003131735412 | | | C | | C | |
| RICHMOND-FD AVENGER MIKEY | 840003131735529 | | C | | | | |
| RICHMOND-FD AVNG JEWELRY-ET | USA 74565149 | | C | | | | |
| RICHMOND-FD B CANDACE | USA 74565098 | | | | | | |
| RICHMOND-FD B LIESL-ET | USA 73685354 | | | | | | |
| RICHMOND-FD B LINNEA-ET | USA 71141615 | | | | | | |
| RICHMOND-FD B PRIMROSE-ET | USA 71141612 | | | | | | |
| RICHMOND-FD B ZEPHYR-ET | USA 74565126 | | | | | | |
| RICHMOND-FD B ZEPPELIN-ET | USA 73685344 | | | | | | |
| RICHMOND-FD BABERLIN | USA 70287848 | | | C | | | |
| RICHMOND-FD BABY BOP 2397 | 840003131735479 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD BABYLACE | USA 73685272 | | | | | | |
| RICHMOND-FD BAMBI HUNTER | USA 72401267 | | | | | | |
| RICHMOND-FD BAPTISTA-ET | USA 71141687 | | | | | | |
| RICHMOND-FD BARBIE | USA 65722644 | | | | | | |
| RICHMOND-FD BARCELONA-ET | USA 71141690 | | | | | | |
| RICHMOND-FD BELARUS | USA 74565182 | | | | | | |
| RICHMOND-FD BELUGA HOLLY | USA 73685274 | | | | | | |
| RICHMOND-FD BLUEBELL-ET | USA 70287840 | | | | | | |
| RICHMOND-FD BLUEGRASS-ET | USA 70287841 | | | | | | |
| RICHMOND-FD BLUES CABARET | USA 72401296 | | | | | | |
| RICHMOND-FD BLV LILLIAN-ET | USA 64431427 | | | | | | |
| RICHMOND-FD BLV LILY-ET | USA 64431423 | | | | | | |
| RICHMOND-FD BLV LISARAE-ET | USA 64431425 | | | | | | |
| RICHMOND-FD BLV LISETTE-ET | USA 64431418 | | | | | | |
| RICHMOND-FD BLV MISSOURI-ET | USA 65722687 | | | | | | |
| RICHMOND-FD BRANDY LIQUOR | USA 71637292 | | | C | | | |
| RICHMOND-FD BRAYDEN | USA 65722719 | | | | | | |
| RICHMOND-FD BROCTANE | USA 65722660 | | | C | | | |
| RICHMOND-FD CABRIOLET JUNO | 840003131735531 | | | | | | |
| RICHMOND-FD CANDYCANE-ET | USA 74565111 | | | | | | |
| RICHMOND-FD CAS LILLIAN-ET | USA 66800662 | | | | | | |
| RICHMOND-FD CAS LUPITA-ET | USA 66800638 | | | | | | |
| RICHMOND-FD CASUAL 2110 | USA 73685270 | | | C | | | |
| RICHMOND-FD CC BLACKIE | USA 72944452 | | | | | | 1 |
| RICHMOND-FD CHEVY LOVER | USA 73685291 | | | | | | |
| RICHMOND-FD CHEVY LUCK | USA 73685309 | | | | | | |
| RICHMOND-FD CP LORRAINE-ET | USA 71141682 | | | | | | |
| RICHMOND-FD CYAN | USA 70287797 | | | | | | |
| RICHMOND-FD D BOBBETTE-ET | USA 73685306 | | | | | | |
| RICHMOND-FD D BOBBIE JO-ET | USA 73685307 | | | | | | |
| RICHMOND-FD D BOBBIE SUE-ET | USA 73685305 | | | | | | |
| RICHMOND-FD D BONILLA 2400 | 840003131735482 | | | | | | |
| RICHMOND-FD D BROOKIE 2398 | 840003131735480 | | | | | | |
| RICHMOND-FD D JUNEAU-ET | USA 65722699 | | | | | | |
| RICHMOND-FD D LITHUANIA | USA 74565171 | | | | | | |
| RICHMOND-FD D PETTA-ET | USA 73685322 | | | | | | |
| RICHMOND-FD DAIRY CAIRO-ET | 840003126444966 | | | | | | |
| RICHMOND-FD DAKOTA-ET | USA 62958568 | | | | | | |
| RICHMOND-FD DANTE DEANIE | 840003131735478 | | | | | | |
| RICHMOND-FD DANTE DYNASTY | 840003131735505 | | | | | | |
| RICHMOND-FD DANTE LEVITY | 840003131735490 | | | | | | |
| RICHMOND-FD DAYBREAK | USA 72401204 | | | C | | | |
| RICHMOND-FD DB MYSPACE 2373 | 840003131735455 | | | C | | | |
| RICHMOND-FD DEAN POPPY-ET | USA 72401229 | | | | | | |
| RICHMOND-FD DEANN MILKYWAY | USA 62958511 | | | C | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD DEFINITION | USA 71637367 | | | | | | |
| RICHMOND-FD DELAWARE | USA 71141686 | | | | | | |
| RICHMOND-FD DELC ADELPHA-ET | 840003131735520 | | | | | | |
| RICHMOND-FD DELCO ADELKA-ET | 840003131735515 | | | | | | |
| RICHMOND-FD DELCO ADENA-ET | 840003131735521 | | | | | | |
| RICHMOND-FD DELCO ADERYN-ET | 840003131735522 | | | | | | |
| RICHMOND-FD DELCO ADINA-ET | 840003131735523 | | | | | | |
| RICHMOND-FD DELCO CAN-DO | 840003131735519 | | | | | | 1 |
| RICHMOND-FD DELCO LOWING | 840003131735524 | | | | | | |
| RICHMOND-FD DELCO MIKE-ET | 840003131735513 | | C | | | | |
| RICHMOND-FD DELTA BUGLE-ET | 840003131735385 | | | | | | |
| RICHMOND-FD DELTA PARTY | USA 74565156 | | | | | | |
| RICHMOND-FD DELTA SPX 2287 | USA 74565170 | | | | | | |
| RICHMOND-FD DIAMOD CATRINA | USA 73374610 | | | | | C | |
| RICHMOND-FD DIDO-TW | USA 70287766 | | | | | | 3 |
| RICHMOND-FD DM ICEBERG-ET | USA 73685334 | | | | | | |
| RICHMOND-FD DM LUCE | 840003131735504 | | | | | | |
| RICHMOND-FD DMIN PEACH-ET | USA 72401287 | | | | | | |
| RICHMOND-FD DMRIS JANICE-ET | 840003131735439 | | | | | | |
| RICHMOND-FD DMRS CASE | 840003131735509 | | | | | | |
| RICHMOND-FD DMRS FIRE-ET | 840003131735492 | | | | | | |
| RICHMOND-FD DMRS FUEL-ET | 840003131735499 | | | | | | |
| RICHMOND-FD DMS LOREAL | 840003131735410 | | | | | | |
| RICHMOND-FD DOUBLE DIAMOND | USA 72944358 | | | C | | C | |
| RICHMOND-FD DOZER FIFTH-ET | 840003131735467 | | | | | | |
| RICHMOND-FD DOZER FINALE-ET | 840003131735469 | | | | | | |
| RICHMOND-FD DOZER FIND-ET | 840003131735468 | | | | | | |
| RICHMOND-FD DOZER FINE-ET | 840003131735463 | | | | | | |
| RICHMOND-FD DOZER FINISH-ET | 840003131735464 | | | | | | |
| RICHMOND-FD DOZER FIRST-ET | 840003131735462 | | | | | | |
| RICHMOND-FD DOZER FOUR-ET | 840003131735466 | | | | | | |
| RICHMOND-FD DOZER FROST-ET | 840003131735491 | | | | | | |
| RICHMOND-FD DOZER JENNA | 840003131735432 | | C | | | | |
| RICHMOND-FD DOZER LAVA | 840003131735426 | | C | | | | |
| RICHMOND-FD DOZER ZINNIA | 840003131735448 | | | | | | |
| RICHMOND-FD DRUELLA-ET | USA 71637374 | | | | | | |
| RICHMOND-FD DUBUQUE 2123 | USA 73685283 | | | | | | |
| RICHMOND-FD E PARACHUTE | USA 71637376 | | | | | | |
| RICHMOND-FD EARN ALAINA | USA 74228012 | | | | | | |
| RICHMOND-FD EASTER SILK | USA 74565138 | | | | | | |
| RICHMOND-FD ECHO-ET | USA 66800575 | | | | | C | |
| RICHMOND-FD EH LETTIE-ET | USA 73685289 | | | | | | |
| RICHMOND-FD ELITE AMA | USA 70287777 | | | | | | |
| RICHMOND-FD ELITE MALLO | USA 70287772 | | | | | | |
| RICHMOND-FD EPIC AUDI-ET | USA 71637382 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RICHMOND-FD EPIC LIBERTY | USA 71637309 | | | | | | |
| RICHMOND-FD ERASED DELLA-ET | USA 74565141 | | | | | | |
| RICHMOND-FD EXP GINTONIC-TW | USA 72401211 | | | | | | |
| RICHMOND-FD EXPL GINMILL-TW | USA 72401210 | | | C | | | |
| RICHMOND-FD F BONFILIA-ET | USA 72944399 | | | | | | |
| RICHMOND-FD FB LIESE-ET | USA 71141651 | | | | | | |
| RICHMOND-FD FB TRUBY-ET | USA 73685355 | | | | | | |
| RICHMOND-FD FB TRUDY-ET | USA 73685360 | | | | | | |
| RICHMOND-FD FB TRULY-ET | USA 74565084 | | | | | | |
| RICHMOND-FD FL BONNEVIE-ET | USA 72944448 | | | | | | |
| RICHMOND-FD FLIRTACIOUS-ET | USA 73685279 | | | | | | |
| RICHMOND-FD FLYN BONITA-ET | USA 72944390 | | | | | | |
| RICHMOND-FD FLYN BONNIE-ET | USA 72944391 | | | | | | |
| RICHMOND-FD FRENCHELLE | USA 70287762 | | | | | | |
| RICHMOND-FD G BLAKE-ET | USA 70287804 | | | | | | |
| RICHMOND-FD G POPPET-ET | USA 71141617 | | | | | | |
| RICHMOND-FD GAELIC-ET | USA 72401256 | | | | | | |
| RICHMOND-FD GALA-ET | USA 72401240 | | | | | | |
| RICHMOND-FD GALAXY ADA | USA 72401277 | | | | | | |
| RICHMOND-FD GALAXY BRADY | USA 72944362 | | | | | | |
| RICHMOND-FD GALICIA-ET | USA 72401269 | | | | | | |
| RICHMOND-FD GALLON NOLA | USA 71141601 | | | | | | |
| RICHMOND-FD GALPAL-ET | USA 72401235 | | | | | | |
| RICHMOND-FD GEORGIA-ET | USA 71141610 | | | | | | |
| RICHMOND-FD GOLD DIADEM | USA 72944387 | | | | | C | |
| RICHMOND-FD GOLD GIGI | USA 71637351 | | | | | | |
| RICHMOND-FD GRAFEETI | USA 71637357 | | | | | | |
| RICHMOND-FD GUN BARREL-ET | 840003131735453 | | | | | | |
| RICHMOND-FD GUN BELT-ET | 840003131735454 | | | | | | |
| RICHMOND-FD GUN BLAST-ET | 840003131735458 | | | | | | |
| RICHMOND-FD H LINER | USA 73685348 | | | | | | |
| RICHMOND-FD H LUPERCALIA | USA 71141645 | | | | | | |
| RICHMOND-FD HAIRPIN 2220-ET | USA 74565103 | | | | | | |
| RICHMOND-FD HALIFAX | USA 72944419 | | | | | | 1 |
| RICHMOND-FD HALLIAT | USA 71637378 | | | | | | |
| RICHMOND-FD HALO DENA-ET | USA 73685296 | | | | | | |
| RICHMOND-FD HAPPY 2222-ET | USA 74565105 | | | | | | |
| RICHMOND-FD HARP 2223-ET | USA 74565106 | | | | | | |
| RICHMOND-FD HARPOON 2217-ET | USA 74565100 | | | | | | |
| RICHMOND-FD HEAD LETTIE | USA 72944388 | | | | | | |
| RICHMOND-FD HEAD LINER | USA 72401245 | | | | | | |
| RICHMOND-FD HOSANNA-ET | USA 71637287 | | | | | | |
| RICHMOND-FD HUNTER JACHARA | USA 71637350 | | | | | | |
| RICHMOND-FD ICY 2134 | USA 73685294 | | | | | | |
| RICHMOND-FD INDY LINDA | USA 72944429 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RICHMOND-FD J ADELITA-ET | USA 72944425 | | | | | | |
| RICHMOND-FD J YOSEMITE-ET | USA 72944426 | | | | | | |
| RICHMOND-FD JAB BLONDIE-ET | USA 72944451 | | | | | | |
| RICHMOND-FD JABIR BARB-ET | USA 72944455 | | | | | | |
| RICHMOND-FD JABIR TRILLA-ET | USA 72944444 | | | | | | |
| RICHMOND-FD JACEY LYRIC | USA 72944423 | | | | | | |
| RICHMOND-FD JB PUPPET | USA 71141632 | | | | | | |
| RICHMOND-FD JC BARONESS-ET | USA 71637297 | | | | | | |
| RICHMOND-FD JC CARMELLA | USA 73685266 | | | | | | |
| RICHMOND-FD JC LALADY | USA 72944437 | | | | | | |
| RICHMOND-FD JC LUDMILLA | USA 73685276 | | | | | | |
| RICHMOND-FD JEEVES POPSICLE | USA 69305027 | | | | | | |
| RICHMOND-FD JERBA-ET | USA 69305097 | | | | | | |
| RICHMOND-FD JETSET BETTE | USA 73685269 | | | | | | |
| RICHMOND-FD JIVES JAMS | USA 70287811 | | | C | | | |
| RICHMOND-FD JJ LISTA | USA 71141623 | | | | | | |
| RICHMOND-FD JJ PRINCESA-ET | USA 70287842 | | | | | | |
| RICHMOND-FD JS BATHILDA-ET | USA 74565122 | | | | | | |
| RICHMOND-FD JS BATHSHEBA-ET | USA 74565115 | | | | | | |
| RICHMOND-FD JS BATHSHIRA-ET | USA 74565119 | | | | | | |
| RICHMOND-FD JS DELILA | 840003131735447 | | | | | | |
| RICHMOND-FD JS FRIDAY-ET | 840003131735445 | | | | | | |
| RICHMOND-FD JS LAMOUR-ET | USA 74565120 | | | | | | |
| RICHMOND-FD JS LEJEUNE-ET | USA 74565121 | | | | | | |
| RICHMOND-FD JS LOUANN-ET | 840003131735477 | | | | | | |
| RICHMOND-FD JS LOUISE-ET | 840003131735473 | | | | | | |
| RICHMOND-FD JS LUELLA-ET | 840003131735483 | | | | | | |
| RICHMOND-FD JS LULU-ET | 840003131735471 | | | | | | |
| RICHMOND-FD JUNIATA-ET | USA 65722702 | | | | | | |
| RICHMOND-FD K BABA-ET | USA 71141596 | | | | | | |
| RICHMOND-FD K BONBON-ET | USA 71141595 | | | C | | | |
| RICHMOND-FD L LOUISIANA-ET | USA 71637323 | | | C | | | |
| RICHMOND-FD L MCNUGGET | USA 72944434 | | | | | | |
| RICHMOND-FD L POPSONG-ET | USA 74565125 | | | | | | |
| RICHMOND-FD L POPSTAR-ET | USA 74565124 | | | | | | |
| RICHMOND-FD L SACRAMENTO-ET | USA 73685311 | | | C | | | |
| RICHMOND-FD L STEUBEN-ET | USA 74565094 | | | | | | |
| RICHMOND-FD LA RAYNE-ET | USA 73685338 | | | | | | |
| RICHMOND-FD LA RODESSA-ET | USA 73685332 | | | C | | | |
| RICHMOND-FD LA SAUSALITO-ET | USA 73685339 | | | | | | |
| RICHMOND-FD LAFONTAINE-ET | USA 71141663 | | | | | | |
| RICHMOND-FD LAINA CRI-ET | USA 70541696 | | | | | | |
| RICHMOND-FD LAKOTA-ET | USA 72944420 | | | | | | |
| RICHMOND-FD LAMARIAN-ET | USA 71637288 | | | | | | |
| RICHMOND-FD LARGE LARK-ET | USA 71637299 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD LARISSA-ET | USA 66800626 | | | | | | |
| RICHMOND-FD LATMER PEONY-ET | USA 72401280 | | | | | | |
| RICHMOND-FD LAURENTIDES-ET | USA 71141665 | | | | | | |
| RICHMOND-FD LAVERNIA-ET | USA 69305037 | | C | | | | |
| RICHMOND-FD LEADED GAS-ET | USA 74565128 | | | | | | |
| RICHMOND-FD LEAVENWORTH-ET | USA 72401247 | | | | | | |
| RICHMOND-FD LEICHLINGEN-ET | USA 71141671 | | | | | | |
| RICHMOND-FD LEIF SIMMY-ET | USA 72401290 | | | | | | |
| RICHMOND-FD LENEXA-ET | USA 72401249 | | | | | | |
| RICHMOND-FD LENORA-ET | USA 72401250 | | | | | | |
| RICHMOND-FD LEW GLACE-ET | USA 71141620 | | | | | | |
| RICHMOND-FD LG TREVA 2130 | USA 73685290 | | | | | | |
| RICHMOND-FD LIESL-ET | USA 65722656 | | | | | | |
| RICHMOND-FD LINDY | USA 72944422 | | | | | | |
| RICHMOND-FD LISA RAVISH | USA 72944453 | | | | | | |
| RICHMOND-FD LITH BOBBI-ET | USA 71637312 | | | | | | |
| RICHMOND-FD LITH JUANA-ET | USA 72944370 | | | | | | |
| RICHMOND-FD LITHIUM JEFA-ET | USA 72401294 | | | | | | |
| RICHMOND-FD LITTLE LUPY | USA 74565116 | | | | | | |
| RICHMOND-FD LITTLETON | USA 74565108 | | | | | | |
| RICHMOND-FD LIVEWIRE JALOPY | 840003131735486 | | | | | | |
| RICHMOND-FD LL LIMA | USA 71637375 | | | | | | |
| RICHMOND-FD LOIS LAYNE | USA 71637345 | | | | | | |
| RICHMOND-FD LOLLAPALOOZA-ET | USA 71637383 | | | | | | |
| RICHMOND-FD LOLLIPOP-ET | USA 71637379 | | | | | | |
| RICHMOND-FD LONGDAY | USA 72401217 | | | | | | |
| RICHMOND-FD LORANDEN | USA 71637291 | | | | | | |
| RICHMOND-FD LORETTALYNN-ET | USA 72401298 | | | | | | |
| RICHMOND-FD LOS ANGELES-ET | USA 71637325 | | | C | | | |
| RICHMOND-FD LOS GATOS-ET | USA 73685286 | | | C | | | |
| RICHMOND-FD LOTTSTETTEN-ET | USA 71141673 | | | | | | |
| RICHMOND-FD LOUANNA | USA 71141605 | | | | | | |
| RICHMOND-FD LOUISA-ET | USA 66800629 | | | | | | |
| RICHMOND-FD LOUISADISE-ET | USA 71637366 | | | | | | |
| RICHMOND-FD LOUISAPAR-ET | USA 71637365 | | | | | | |
| RICHMOND-FD LOUISIETTE-ET | USA 64431426 | | | | | | |
| RICHMOND-FD LOVEY CRI-ET | USA 71452002 | | | | | | |
| RICHMOND-FD LUCIENNE-ET | USA 71637349 | | | C | | | |
| RICHMOND-FD LUCRETA-ET | USA 69305036 | | C | | | C | |
| RICHMOND-FD LUSATINA | USA 70287833 | | | | | | |
| RICHMOND-FD LVM PRD FRACTIL | USA 142758928 | | C | | | | |
| RICHMOND-FD LYNX HDLINER | USA 72944374 | | | | | | |
| RICHMOND-FD LYSANDRIA-ET | USA 69305035 | | C | | | | |
| RICHMOND-FD M BARRIE | USA 74565183 | | | | | | |
| RICHMOND-FD M GALILEE | 840003131735386 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD M HURON | 840003131735393 | | | | | | |
| RICHMOND-FD M JUBILATION-ET | USA 74565180 | | | | | | |
| RICHMOND-FD M LITTLEROCK | USA 74565112 | | | | | | |
| RICHMOND-FD M MAURA | USA 71637368 | | | | | | |
| RICHMOND-FD M MOLINE | USA 72401232 | | | | | | |
| RICHMOND-FD M-STR RUTHEN-ET | USA 65722701 | | | | | | |
| RICHMOND-FD MAHASKA-ET | USA 72401225 | | | | | | |
| RICHMOND-FD MAN-O-LAN-ET | USA 72401259 | | | | | | |
| RICHMOND-FD MAN-O-LOON-ET | USA 72401266 | | | | | | |
| RICHMOND-FD MAN-O-LYNN-ET | USA 72401261 | | | | | | |
| RICHMOND-FD MARCELLUS | USA 71637348 | | | | | | |
| RICHMOND-FD MARQUETTE-ET | USA 72401221 | | | | | | |
| RICHMOND-FD MASCAL BETTY-ET | 840003131735424 | | | | | | |
| RICHMOND-FD MASS JANGLE-ET | USA 72944359 | | | | | | |
| RICHMOND-FD MASS JINGLE-ET | USA 72944360 | | | | | | |
| RICHMOND-FD MASS JUNGLE-ET | USA 72944361 | | | | | | |
| RICHMOND-FD MASSEY LULA-ET | USA 72401215 | | | | | | |
| RICHMOND-FD MAYVILLE | USA 71637356 | | | C | | | |
| RICHMOND-FD MC LIZA | USA 72401234 | | | C | | C | |
| RICHMOND-FD MC POPTART | USA 72944438 | | | | | | |
| RICHMOND-FD MCCUTCHEN BETSY | USA 71382080 | | | | | | |
| RICHMOND-FD MCMAYBYL | USA 72944402 | | | C | | | |
| RICHMOND-FD MEGA GAIN | USA 74565169 | | | | | | |
| RICHMOND-FD MEGA LP 2249 | USA 74565132 | | | | | | |
| RICHMOND-FD MFOLD MANNY-TW | USA 71637320 | | | C | | C | |
| RICHMOND-FD MGUL DENMARK-ET | 840003131735459 | | | | | | |
| RICHMOND-FD MIXER LUCITA-ET | USA 71637311 | | | | | | |
| RICHMOND-FD MM METINA | USA 71637324 | | | | | | |
| RICHMOND-FD MM PAYPAL-ET | USA 70287850 | | | | | | |
| RICHMOND-FD MMM LAURITA-ET | USA 72944428 | | | | | | |
| RICHMOND-FD MMM POPATOP-ET | USA 72401241 | | | | | | |
| RICHMOND-FD MMM POPCORN-ET | USA 72401236 | | | | | | |
| RICHMOND-FD MOGL DENEDRA-ET | 840003131735514 | | | | | | |
| RICHMOND-FD MOGUL AMILY | 840003131735452 | | | | | | |
| RICHMOND-FD MOGUL DALLAS | USA 71637377 | | | | | | |
| RICHMOND-FD MOGUL DENAE-ET | 840003131735456 | | | | | | |
| RICHMOND-FD MOGUL DENES-ET | 840003131735516 | | | | | | |
| RICHMOND-FD MOGUL DENZ-ET | 840003131735512 | | | | | | |
| RICHMOND-FD MOGUL DINEEN-ET | 840003131735511 | | | | | | |
| RICHMOND-FD MOGUL JERRY | USA 73685335 | | | | | | |
| RICHMOND-FD MOGUL LILITH-ET | USA 71637337 | | | | | | |
| RICHMOND-FD MOGUL LLLAMA | 840003131735536 | | | | | | |
| RICHMOND-FD MONTRO ZOEY-ET | USA 74565114 | | | | | | |
| RICHMOND-FD MS LUMINATE | USA 73685350 | | | | | | |
| RICHMOND-FD MS LYRIC | USA 71141662 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD MTR JUBILANT-ET | USA 74565179 | | | | | | |
| RICHMOND-FD MTR JUBILEE-ET | USA 74565176 | | | | | | |
| RICHMOND-FD MTR JUKEBOX-ET | USA 74565133 | | | | | | |
| RICHMOND-FD MTROSS ZION-ET | USA 74565117 | | | | | | |
| RICHMOND-FD MUSC BONNET-ET | 840003131735438 | | | | | | |
| RICHMOND-FD MUSC JILL-ET | 840003131735419 | | | | | | |
| RICHMOND-FD MUSCOTAH-ET | USA 72401227 | | | | | | |
| RICHMOND-FD MY 2383 SPACE | 840003131735465 | | | | | | |
| RICHMOND-FD MY POPLAR | 840003131735451 | | | | | | |
| RICHMOND-FD N-O LILT-ET | USA 71141684 | | | | | | |
| RICHMOND-FD NO LILL-ET | USA 71141683 | | | | | | |
| RICHMOND-FD O CAMILLA | USA 71637286 | | | | | | |
| RICHMOND-FD O CHEESEBALL-ET | USA 71141661 | | | | | | |
| RICHMOND-FD O CHEESECAKE-ET | USA 71141655 | | | | | | |
| RICHMOND-FD O DOMINA | USA 69305085 | | | | | | |
| RICHMOND-FD O GOLDILOCKS-ET | USA 71141635 | | | | | | |
| RICHMOND-FD O LAUREATE-ET | USA 72944436 | | | | | | |
| RICHMOND-FD O LAURENCIA-ET | USA 72944435 | | | C | | | |
| RICHMOND-FD O LAURENTIAN-ET | USA 72944430 | | | C | | | |
| RICHMOND-FD O PRECOCIOUS-ET | USA 66800588 | | | | | | |
| RICHMOND-FD O PRISCILLA-ET | USA 66800586 | | | | | | |
| RICHMOND-FD OAK BANJO-ET | USA 72944385 | | | | | | |
| RICHMOND-FD OAK BOUGH-ET | USA 72944378 | | | | | | |
| RICHMOND-FD OAK BRANCH-ET | USA 72944377 | | | | | | |
| RICHMOND-FD OAK JANUARY-ET | USA 72944392 | | | | | | |
| RICHMOND-FD OAK JUNIPER-ET | USA 72944367 | | | | | | |
| RICHMOND-FD OS LINDALEE-ET | USA 71141631 | | | | | | |
| RICHMOND-FD OS LINDALU-ET | USA 71141628 | | | | | | |
| RICHMOND-FD OS PAYUP | USA 71141627 | | | | | | |
| RICHMOND-FD OUTSIDE OUTSIDE | USA 70287849 | | C | | | | 3 |
| RICHMOND-FD P BARCELITA-ET | USA 72944450 | | | | | | |
| RICHMOND-FD P BERNADETTE-ET | USA 72944403 | | | | | | |
| RICHMOND-FD P BERNICE-ET | USA 72944406 | | | | | | |
| RICHMOND-FD P BROOKLYN-ET | USA 72944401 | | | | | | |
| RICHMOND-FD P EARNHARDT | USA 72401274 | | | | | | |
| RICHMOND-FD P GARFIELD-ET | USA 74565107 | | | | | | |
| RICHMOND-FD P JOLLYRANCHER | 840003131735528 | | | | | | |
| RICHMOND-FD P LOUISITA-ET | USA 71637370 | | | | | | |
| RICHMOND-FD P MARBLE-ET | 840003131735534 | | | | | | 1 |
| RICHMOND-FD P MAYBELLINE-ET | 840003131735535 | | | | | | 1 |
| RICHMOND-FD P YETTA 2218 | USA 74565101 | | | C | | | |
| RICHMOND-FD PAMBI | USA 71637339 | | | | | | |
| RICHMOND-FD PANAMA | USA 71637343 | | | | | | |
| RICHMOND-FD PARISH LUNA-ET | USA 71637353 | | | | | | |
| RICHMOND-FD PARISH LURA-ET | USA 71637352 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RICHMOND-FD PARTYGIRL-ET | USA 72401254 | | | | | | |
| RICHMOND-FD PATRICIA-ET | USA 73685347 | | | C | | | |
| RICHMOND-FD PATRIOT DAY | USA 72401219 | | | | | | |
| RICHMOND-FD PETRONE LIBBY | USA 71637341 | | | | | | |
| RICHMOND-FD POMPEY-ET | USA 66800627 | | | | | | |
| RICHMOND-FD PRE CASSIUS | USA 71637319 | | | | | | |
| RICHMOND-FD PRED JAZZY | USA 72944365 | | | | | | |
| RICHMOND-FD PRES LINCOLN | USA 74565096 | | | | | | |
| RICHMOND-FD PRIM BARCEL-ET | USA 72944440 | | | | | | |
| RICHMOND-FD PRIM BARCY-ET | USA 72944443 | | | | | | |
| RICHMOND-FD PROFIT LEDGER | 840003131735527 | | | | | | |
| RICHMOND-FD PROFIT MABEL-ET | 840003131735530 | | | | | | |
| RICHMOND-FD PROFIT MAYBE-ET | 840003131735532 | | | | | | 1 |
| RICHMOND-FD PUDDINGCAKE | USA 72944412 | | | | | | 3 |
| RICHMOND-FD PURE DOLL | 840003131735409 | | | | | | |
| RICHMOND-FD PURE JAZZ | 840003131735436 | | | | | | |
| RICHMOND-FD PURE SODAPOP | 840003131735431 | | | | | | |
| RICHMOND-FD R LINUS 2191 | USA 73685351 | | | | | | |
| RICHMOND-FD RADON E P-ET | USA 70287791 | | | | | | |
| RICHMOND-FD RAMOS POPPY | USA 62371956 | | | | | | |
| RICHMOND-FD RANSOM PAULINA | USA 72944372 | | | | | | |
| RICHMOND-FD RAVISH LISA-ET | USA 71141608 | | | | | | |
| RICHMOND-FD RC GOGIRL-ET | 840003131735450 | | | | | | |
| RICHMOND-FD RC LAURELLA-ET | 840003131735461 | | | | | | |
| RICHMOND-FD RC LAURIANN-ET | 840003131735488 | | | | | | |
| RICHMOND-FD RC LAURISSA-ET | 840003131735446 | | | | | | |
| RICHMOND-FD RC LUCRETIA | 840003131735429 | | C | | | | |
| RICHMOND-FD RCON LESLIE | 840003131735460 | | | | | | |
| RICHMOND-FD REUTLINGEN-ET | USA 65722700 | | | | | | |
| RICHMOND-FD RHEINAN-ET | USA 65722705 | | | | | | |
| RICHMOND-FD RO LUDMILLA | USA 71637362 | | | | | | |
| RICHMOND-FD RODGERS DEE | USA 73685326 | | | | | | |
| RICHMOND-FD RODGERS FRANCES | USA 73685325 | | | | | | |
| RICHMOND-FD RS SIN4SIN | USA 71637380 | | | | | | 1 |
| RICHMOND-FD RUBI SIMONE | 840003131735422 | | | | | | |
| RICHMOND-FD RUBICON JEFA | 840003131735408 | | | | | | |
| RICHMOND-FD RUBICON JINX | 840003131735435 | | | | | | |
| RICHMOND-FD RUBICON JOAN | 840003131735430 | | | | | | |
| RICHMOND-FD RUBICON LOURDES | 840003131735400 | | | | | | |
| RICHMOND-FD S BARBARA-ET | USA 69305043 | | | | | | |
| RICHMOND-FD SANGRIA LASSIE | 840003131735506 | | | | | | |
| RICHMOND-FD SEPT SUNFLOWER | USA 61777381 | | | | | | 1 |
| RICHMOND-FD SEPTEMBER ADA | USA 65722720 | | | | | | 1 |
| RICHMOND-FD SH DANCEHALL-ET | USA 74565152 | | C | | | | |
| RICHMOND-FD SHAN LILLIANA | USA 72944396 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD SHANTELLE | USA 72944421 | | | | | | |
| RICHMOND-FD SHERIF BARNY-ET | USA 74565160 | | | | | | |
| RICHMOND-FD SHONTO | USA 72401262 | | | | | | |
| RICHMOND-FD SHOT DANCEL-ET | USA 74565147 | | C | | | | |
| RICHMOND-FD SHOT DANCER-ET | USA 74565135 | | | | | | |
| RICHMOND-FD SHOT LANIE-ET | USA 74565136 | | | | | | |
| RICHMOND-FD SHOT LANIER-ET | USA 74565142 | | | | | | |
| RICHMOND-FD SHOT LANNY-ET | USA 74565144 | | | | | | |
| RICHMOND-FD SILVER CREEK-ET | USA 74565153 | | | | | | |
| RICHMOND-FD SP JITTERBUG-ET | 840003131735407 | | | | | | |
| RICHMOND-FD SPARK AMBER-ET | 840003131735425 | | | | | | |
| RICHMOND-FD SPARK BANDY-ET | 840003131735402 | | | | | | |
| RICHMOND-FD SPARK BOXCAR-ET | 840003131735403 | | | | | | |
| RICHMOND-FD SPARK JIG-ET | 840003131735406 | | | | | | |
| RICHMOND-FD SPARK JIGGLE-ET | 840003131735404 | | | | | | |
| RICHMOND-FD SPARK JINGO-ET | 840003131735405 | | | | | | |
| RICHMOND-FD SR ADELAIDE-ET | USA 71141677 | | | | | | |
| RICHMOND-FD SR ADELAINE-ET | USA 71141678 | | | | | | |
| RICHMOND-FD SR LAUREL-ET | USA 71141625 | | | | | | |
| RICHMOND-FD SR LAUREN-ET | USA 71141640 | | | | | | |
| RICHMOND-FD SR TWINK 2204 | USA 74565087 | | | | | | |
| RICHMOND-FD SROCK GAIL-ET | USA 72401268 | | | | | | |
| RICHMOND-FD SS BABYBLUE-ET | USA 71637306 | | | | | | |
| RICHMOND-FD SS BABYCAKES-ET | USA 71637301 | | | | | | |
| RICHMOND-FD SS BABYFACE-ET | USA 71637304 | | | | | | |
| RICHMOND-FD SS LAURALEE | USA 72944413 | | | | | | |
| RICHMOND-FD SS PERSEPHONE | USA 66800663 | | | | | | |
| RICHMOND-FD SSI LG 7464-ET | 840003008328862 | | | | | | |
| RICHMOND-FD STOIC LARA | USA 74565104 | | | | | | |
| RICHMOND-FD STOIC TINA 2163 | USA 73685323 | | | | | | |
| RICHMOND-FD STOVER 2182-ET | USA 73685342 | | | | | | |
| RICHMOND-FD SUPER BABE | USA 72944414 | | | | | | |
| RICHMOND-FD SUPER FERN | USA 71637338 | | | | | | |
| RICHMOND-FD SUPER LAVAL | USA 72401265 | | C | | | | |
| RICHMOND-FD SUPERSONIC | USA 71637302 | | | | | | |
| RICHMOND-FD T CAROL-ET | USA 74565113 | | | | | | |
| RICHMOND-FD T CHRISTMAS-ET | USA 73685356 | | | | | | 1 |
| RICHMOND-FD T CLAUS 2227-ET | USA 74565110 | | | | | | 1 |
| RICHMOND-FD T CRINGLE-ET | USA 74565109 | | | | | | |
| RICHMOND-FD T LEONORA 2399 | 840003131735481 | | C | | | | |
| RICHMOND-FD TANGO ADLIB-ET | USA 73685282 | | | | | | |
| RICHMOND-FD TANGO AMOR | USA 73685318 | | | | | | |
| RICHMOND-FD TANGO JEWEL-ET | USA 72401285 | | C | | | | |
| RICHMOND-FD TANGO JULIA-ET | USA 72401284 | | | | | | |
| RICHMOND-FD TANGO JULY-ET | USA 72401275 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICHMOND-FD TANGO JUNE-ET | USA 72401281 | | C | | | | |
| RICHMOND-FD TD BABE-ET | USA 69305058 | | | | | | |
| RICHMOND-FD TD BOAST-ET | 840003131735394 | | C | | | | |
| RICHMOND-FD TD LIKELY-ET | USA 69305050 | | | | | | |
| RICHMOND-FD TD LIZA | USA 71141602 | | | | | | |
| RICHMOND-FD TD LOVELY-ET | USA 69305047 | | | | | | |
| RICHMOND-FD TESLA JELLY-ET | 840003131735484 | | C | | | | |
| RICHMOND-FD TG LATOYA-ET | 840003131735502 | | | | | | |
| RICHMOND-FD TRIG PETRA | USA 71637344 | | | C | | | |
| RICHMOND-FD TROY BANDIT | 840003131735470 | | | | | | |
| RICHMOND-FD TROY BUBBLES-ET | USA 73685313 | | | | | | |
| RICHMOND-FD TROY TOY-ET | USA 74565157 | | | | | | |
| RICHMOND-FD TROY ZENA-ET | USA 73685327 | | | | | | |
| RICHMOND-FD TROY ZOLA-ET | USA 73685329 | | | | | | |
| RICHMOND-FD TROYAL 2205-ET | USA 74565088 | | | | | | |
| RICHMOND-FD TROYER 2207-ET | USA 74565090 | | | | | | |
| RICHMOND-FD TRYON 2209-ET | USA 74565092 | | | | | | |
| RICHMOND-FD TUFF BAMBAM | USA 74565150 | | | | | | |
| RICHMOND-FD UNO JELLYBEAN | USA 72944446 | | | | | | |
| RICHMOND-FD Y ADELAIRE | USA 71637298 | | | | | | |
| RICHMOND-FD Y BLUE BAYOU | 840003131735390 | | | | | | |
| RICHMOND-FD Y JAVELIN-ET | USA 72944447 | | | | | | |
| RICHMOND-FD YALE JAVA-ET | USA 72401289 | | | | | | |
| RICHMOND-FD YALE JAVANA-ET | USA 72944408 | | | | | | |
| RICHMOND-FD YANO LALANEY-ET | USA 71141647 | | | | | | |
| RICHMOND-FD YODER ADELE | 840003131735384 | | | | | | |
| RICHMOND-FD YOLANDA-ET | USA 72944368 | | | | | | |
| RICHMOND-FD YOMIRA-ET | USA 72944369 | | | | | | |
| RICHMOND-FD YOSEMITE MO | 840003131735414 | | | | | | |
| RICHMOND-FD YOVANNA-ET | USA 72944373 | | | | | | |
| RICHMOND-FD ZIO ZIPPORAH-ET | USA 72401248 | | | | | | |
| RICHMOND-FD ZIO ZURIEL-ET | USA 72401253 | | | | | | |
| RICHOHN TALENT 698-RED | USA 65776438 | | | | | | 3 |
| RICK-MER DANIELA-ET | USA 15808339 | | | | | | |
| RICKLAND 5462 | 840003015031033 | | | | | | |
| RICKLAND ALEXANDER 2890-ET | USA 66157150 | | | C | | | |
| RICKLAND ARMSTEAD 2902-ET | USA 66157162 | | | | | | 3 |
| RICKLAND ARMSTEAD 2904-ET | USA 66157164 | | | | | | 3 |
| RICKLAND BEEMER 5583-ET | 840003127756437 | | | | | | |
| RICKLAND BEEMER 5665-ET | 840003127756519 | | | | | | |
| RICKLAND BEEMER 5731-ET | 840003127756585 | | | | | | |
| RICKLAND BEEMER 5734-ET | 840003127756588 | | | | | | |
| RICKLAND BEEMER 5737-ET | 840003127756591 | | | | | | |
| RICKLAND BEEMER 5805-ET | 840003127756659 | | | | | | |
| RICKLAND BOMBERO 5465-ET | 840003015031036 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND BOMBERO 5467-ET | 840003015031038 | | | | | | |
| RICKLAND BOMBERO 5483-ET | 840003015031054 | | | | | | |
| RICKLAND BOMBERO 5485-ET | 840003015031056 | | | C | | | |
| RICKLAND BOMBERO 5554-ET | 840003127756408 | | | | | | |
| RICKLAND BOMBERO 5558-ET | 840003127756412 | | | | | | |
| RICKLAND BOMBERO 5572-ET | 840003127756426 | | | | | | |
| RICKLAND BOOKEM 4070-ET | USA 70992266 | | | | | | |
| RICKLAND BOOKEM 4090 | USA 70992286 | | | | | | |
| RICKLAND BOOKEM WANDA-ET | USA 61141661 | | | | | | |
| RICKLAND BOOKEM WILMA-ET | USA 61141655 | | | | | | |
| RICKLAND BOOKEM WINNER-ET | USA 61141664 | | | | | | |
| RICKLAND BRET MADDIE-TW | USA 61967754 | | | | | | |
| RICKLAND CASPIAN 5341-ET | 840003015030912 | | | | | | |
| RICKLAND CASPIAN 5343-ET | 840003015030914 | | | | | | |
| RICKLAND CASPIAN 5344-ET | 840003015030915 | | | | | | |
| RICKLAND CASPIAN 5347-ET | 840003015030918 | | | | | | |
| RICKLAND CASPIAN 5353-ET | 840003015030924 | | | | | | |
| RICKLAND CASPIAN 5598 | 840003127756452 | | | | | | |
| RICKLAND CASPIAN 5657 | 840003127756511 | | | | | | |
| RICKLAND CASUAL P 6109-ET | 840003134640340 | | | | | | |
| RICKLAND CHAIRMAN 3573-ET | USA 70017751 | | C | C | | | |
| RICKLAND DAMARIS 5561-ET | 840003127756415 | | | | | | |
| RICKLAND DAMARIS 5562-ET | 840003127756416 | | | | | | |
| RICKLAND DAMARIS 5627-ET | 840003127756481 | | | | | | |
| RICKLAND DAMARIS 5876-ET | 840003127756730 | | | | | | |
| RICKLAND DAMARIS 5879-ET | 840003127756733 | | | | | | |
| RICKLAND DEFENDER 5021-ET | 840003015030592 | | | | | | |
| RICKLAND DEFENDER 5131-ET | 840003015030702 | | | | | | |
| RICKLAND DEYJA 5383 | 840003015030954 | | | | | | |
| RICKLAND DEYJA 5455 | 840003015031026 | | | | | | |
| RICKLAND DISTILLER 5626-ET | 840003127756480 | | | | | | |
| RICKLAND DONATELLO 5934 | 840003127756788 | | | | | | |
| RICKLAND DOORMAN 4959-ET | USA 72263541 | | | | | C | |
| RICKLAND DOORMAN 4968-ET | USA 72263550 | | | | | C | |
| RICKLAND EPIC 4216-ET | USA 70992412 | | | | | | |
| RICKLAND EPIC 4318 | USA 70992514 | | | | | | 3 |
| RICKLAND EPIC 4562-ET | USA 72263144 | | | | | | |
| RICKLAND ERASER P 5405-ET | 840003015030976 | | | | | | |
| RICKLAND EZIO 5716-ET | 840003127756570 | | | | | | |
| RICKLAND EZIO 6074-ET | 840003134640305 | | | | | | |
| RICKLAND FOXSONG 5875 | 840003127756729 | | | | | | |
| RICKLAND GALAXY 4699 | USA 72263281 | | | | | | |
| RICKLAND HALOGEN 5065-ET | 840003015030636 | | | C | | | |
| RICKLAND HALOGEN 5075-ET | 840003015030646 | | C | C | | | |
| RICKLAND HALOGEN 5159 | 840003015030730 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND HEINZ 6072-ET | 840003134640303 | | | | | | |
| RICKLAND HEINZ 6076-ET | 840003134640307 | | | | | | |
| RICKLAND HEINZ 6077 | 840003134640308 | | | | | | |
| RICKLAND HEINZ 6079-ET | 840003134640310 | | | | | | |
| RICKLAND KINGBOY 457-ET | 840003126218642 | | | | | | |
| RICKLAND KINGBOY 5316 | 840003015030887 | | | | | | |
| RICKLAND KINGBOY 5349-ET | 840003015030920 | | | C | | | |
| RICKLAND KINGBOY 5385 | 840003015030956 | | C | | | | |
| RICKLAND KINGBOY 5408-ET | 840003015030979 | | | C | | | |
| RICKLAND KINGBOY 5481-ET | 840003015031052 | | | | | | |
| RICKLAND KINGBOY 5493-ET | 840003015031064 | | | | | | |
| RICKLAND KINGBOY 5496-ET | 840003015031067 | | | | | | |
| RICKLAND KINGBOY 5498-ET | 840003015031069 | | | | | | |
| RICKLAND KINGBOY 5556-ET | 840003127756410 | | | | | | |
| RICKLAND KINGBOY 5564-ET | 840003127756418 | | | | | | |
| RICKLAND KINGBOY 5568-ET | 840003127756422 | | | | | | |
| RICKLAND KINGBOY 5620-ET | 840003127756474 | | | | | | |
| RICKLAND KINGBOY 5621-ET | 840003127756475 | | | | | | |
| RICKLAND KINGBOY 5808 | 840003127756662 | | | | | | |
| RICKLAND KINGBOY 69-ET | 840003126218763 | | | | | | |
| RICKLAND KRAMER 3977-ET | USA 70018155 | | | | | | |
| RICKLAND KRAMER 3987-ET | USA 70018165 | | | | | | |
| RICKLAND KRAMER 4028-ET | USA 70992224 | | | | | | |
| RICKLAND KRAMER 685 5056 | 840003015030627 | | | | | | |
| RICKLAND LANCOME 5273-ET | 840003015030844 | | | | | | 3 |
| RICKLAND LANCOME 5301-ET | 840003015030872 | | | | | | |
| RICKLAND LANCOME 5330-ET | 840003015030901 | | | | | | |
| RICKLAND LET IT SNO 4638-ET | USA 72263220 | | | C | | | |
| RICKLAND LET IT SNO 4644-ET | USA 72263226 | | C | C | | | |
| RICKLAND LET IT SNO 4847-ET | USA 72263429 | | | C | | | |
| RICKLAND LET IT SNOW 4814 | USA 72263396 | | | C | | | |
| RICKLAND LEVI 4390 | USA 70992586 | | | C | | | |
| RICKLAND LEWIS 4134-ET | USA 70992330 | | | | | | 3 |
| RICKLAND LEXOR 4625-ET | USA 72263207 | | | | | | |
| RICKLAND LITHIUM 4304-ET | USA 70992500 | | C | | | | |
| RICKLAND LITHIUM 4305-ET | USA 70992501 | | C | | | | |
| RICKLAND LITHIUM 4309-ET | USA 70992505 | | | | | | |
| RICKLAND LITHIUM 4451-ET | USA 70992647 | | | C | | | |
| RICKLAND LITHIUM 4462-ET | USA 70992658 | | | | | | |
| RICKLAND MACK 4978-ET | USA 72263560 | | | | | | |
| RICKLAND MAGICDAY 5319-ET | 840003015030890 | | | | | C | |
| RICKLAND MAGNUS 4129-ET | USA 70992325 | | | | | | |
| RICKLAND MAGNUS 4149-ET | USA 70992345 | | | | | | |
| RICKLAND MAGNUS 4150-ET | USA 70992346 | | | | | | |
| RICKLAND MAYFIELD 4334-ET | USA 70992530 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND MAYFIELD 4621 | USA 72263203 | | | C | | | |
| RICKLAND MCCUTCHEN 4407-ET | USA 70992603 | | | | | | |
| RICKLAND MCCUTCHEN 4415-ET | USA 70992611 | | | | | | |
| RICKLAND MCCUTCHEN 4429-ET | USA 70992625 | | | | | | |
| RICKLAND MCCUTCHEN 4473-ET | USA 70992669 | | | | | | 3 |
| RICKLAND MCCUTCHEN 4474-ET | USA 70992670 | | | | | | 3 |
| RICKLAND MCCUTCHEN 4510-ET | USA 72263092 | | | | | | 3 |
| RICKLAND MCCUTCHEN 4597 | USA 72263179 | | | | | | |
| RICKLAND MCCUTCHEN 5457 | 840003015031028 | | | | | | |
| RICKLAND METEOR 3860-ET | USA 70018038 | | | | | | |
| RICKLAND METEOR 3885 | USA 70018063 | | | | | | 3 |
| RICKLAND MICHAEL 2715-ET | USA 66156975 | | | | | | |
| RICKLAND MICHAEL EBONY-ET | USA 66157061 | | | | | | |
| RICKLAND MICHAEL EDNA-ET | USA 66157063 | | | | | | |
| RICKLAND MILSON 5388 | 840003015030959 | | | | | | |
| RICKLAND MOGUL 4306-ET | USA 70992502 | | | | | | |
| RICKLAND MOGUL 4454-ET | USA 70992650 | | | | | | |
| RICKLAND MOGUL 4515 | USA 72263097 | | | | | | |
| RICKLAND MOGUL 4520 | USA 72263102 | C | | C | | | |
| RICKLAND MONTEREY 143-ET | 840003127943838 | | | C | | | |
| RICKLAND MONTEREY 5576-ET | 840003127756430 | | | C | | | |
| RICKLAND MONTEREY 5579-ET | 840003127756433 | | | | | | |
| RICKLAND MONTEREY 5584-ET | 840003127756438 | | | C | | | |
| RICKLAND MONTEREY 5689-ET | 840003127756543 | | | C | | | |
| RICKLAND MONTEREY 5760-ET | 840003127756614 | | | C | | | |
| RICKLAND MONTROSS 5254-ET | 840003015030825 | | | | | | |
| RICKLAND MONTROSS 5256-ET | 840003015030827 | | | | | | |
| RICKLAND MONTROSS 5260-ET | 840003015030831 | | C | | | | |
| RICKLAND MONTROSS 5261-ET | 840003015030832 | | | | | | |
| RICKLAND MONTROSS 5262-ET | 840003015030833 | | | | | | |
| RICKLAND MONTROSS 5268-ET | 840003015030839 | | C | | | | |
| RICKLAND MONTROSS 5278-ET | 840003015030849 | | | | | | |
| RICKLAND MONTROSS 5279-ET | 840003015030850 | | | | | | |
| RICKLAND MONTROSS 5321-ET | 840003015030892 | | | | | | |
| RICKLAND MONTROSS 5695 | 840003127756549 | | | | | | |
| RICKLAND NIFTY 11916-ET | USA 66489006 | | | | | | |
| RICKLAND NUMERO UNO 4403-ET | USA 70992599 | | | | | | |
| RICKLAND NUMERO UNO 4519-ET | USA 72263101 | | | | | | |
| RICKLAND NUMERO UNO 4948 | USA 72263530 | | | | | | |
| RICKLAND O-COSMO 4549-ET | USA 72263131 | | | | | | 3 |
| RICKLAND O-DADDY 4466 | USA 70992662 | | | | | | |
| RICKLAND O-DADDY 4534 | USA 72263116 | | | | | | |
| RICKLAND O-DADDY 4712-ET | USA 72263294 | | C | | | | |
| RICKLAND O-DADDY 4775 | USA 72263357 | | C | | | | |
| RICKLAND OBSERVER 3934 | USA 70018112 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND OHARE-P 5094-ET | 840003015030665 | | | C | | | 3 |
| RICKLAND OHARE-P 5096-ET | 840003015030667 | | | C | | | 3 |
| RICKLAND PAINTER 4446 | USA 70992642 | | | | | | |
| RICKLAND PAMAYA CRI-ET | USA 66321156 | | | | | | 3 |
| RICKLAND PARK 5711 | 840003127756565 | | | | | | |
| RICKLAND PARK 5718-ET | 840003127756572 | | C | C | | | |
| RICKLAND PARK 5723-ET | 840003127756577 | | C | C | | | |
| RICKLAND PAT BONITA 1286 | USA 61741800 | | | | | | |
| RICKLAND PAUL 3896-ET | USA 70018074 | | | | | | |
| RICKLAND PAUL 3914-ET | USA 70018092 | | | | | | 3 |
| RICKLAND PEOTI 4132-ET | USA 70992328 | | | | | | |
| RICKLAND PEOTI 4142-ET | USA 70992338 | | | | | | |
| RICKLAND PETY 5355 | 840003015030926 | | | | | | 3 |
| RICKLAND PICKFORD 5841 | 840003127756695 | | | | | | |
| RICKLAND PICKFORD 5926-ET | 840003127756780 | | | | | | |
| RICKLAND PICKFORD 5973-ET | 840003127756827 | | | | | | |
| RICKLAND PLANET 2805-ET | USA 66157065 | | | | | | |
| RICKLAND PLANET 2813-ET | USA 66157073 | | | | | | |
| RICKLAND PLANET 2840-ET | USA 66157100 | | | | | | |
| RICKLAND PLANET 2970-ET | USA 66157230 | | | | | | 3 |
| RICKLAND PLANET 2975-ET | USA 66157235 | | | | | | 3 |
| RICKLAND POTTER TALASI | USA 62573221 | | | | | | |
| RICKLAND PREDESTIN 4884-ETS | USA 72263466 | | | | | | |
| RICKLAND PREDESTIN 4885-ETS | USA 72263467 | | | | | | |
| RICKLAND PREDESTINE 4660-ET | USA 72263242 | | | | | | 3 |
| RICKLAND PREDESTINE 4741-ET | USA 72263323 | | | | | | |
| RICKLAND PREDESTINE 4895-ET | USA 72263477 | | | C | | | |
| RICKLAND PREDESTINE 4899-ET | USA 72263481 | | | | | | |
| RICKLAND PREDESTINE 5134 | 840003015030705 | | | | | | |
| RICKLAND PRESIDENT 5803 | 840003127756657 | | | | | | 1 |
| RICKLAND PROFIT 5886-ET | 840003127756740 | | | C | | | |
| RICKLAND PROFIT 5911-ET | 840003127756765 | | | | | | |
| RICKLAND PROFIT 5919-ET | 840003127756773 | | | | | | |
| RICKLAND PROFIT 5966-ET | 840003127756820 | | | | | | |
| RICKLAND PROFIT 5970-ET | 840003127756824 | | | | | | |
| RICKLAND PROFIT 6058-ET | 840003134640289 | | | | | | |
| RICKLAND RABUR SG PAIGE-ET | USA 71358391 | | | | | | |
| RICKLAND RABUR SG PAM-ET | USA 71358388 | | | | | | 3 |
| RICKLAND RABUR SG PLUCK-ET | USA 71358390 | | | | | | |
| RICKLAND RAMOS 2684-ET | USA 66156944 | | | | | | |
| RICKLAND RAMOS 2686-ET | USA 66156946 | | | | | | |
| RICKLAND RAMOS 2733-ET | USA 66156993 | | | | | | |
| RICKLAND RAVISH 3878 | USA 70018056 | | | | | | |
| RICKLAND REFLECTOR 5172-ET | 840003015030743 | | C | | | | |
| RICKLAND REFLECTOR 5188-ET | 840003015030759 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND REFLECTOR 5214-ET | 840003015030785 | | C | | | | |
| RICKLAND REFLECTOR 5380 | 840003015030951 | | | | | | |
| RICKLAND REFLECTOR 5806 | 840003127756660 | | | | | | 3 |
| RICKLAND RILEY 5282 | 840003015030853 | | | | | | |
| RICKLAND ROBUST 3817-ET | USA 70017995 | | | | | | |
| RICKLAND ROBUST 3821-ET | USA 70017999 | | | | | | |
| RICKLAND RUBICON 6063-ET | 840003134640294 | | | | | | |
| RICKLAND SALVATORE 4919-ET | USA 72263501 | | | | | | |
| RICKLAND SALVATORE 4944-ET | USA 72263526 | | | | | | 3 |
| RICKLAND SALVATORE 4998-ET | USA 72263580 | | | C | | | |
| RICKLAND SALVATORE 5026-ET | 840003015030597 | | | | | | |
| RICKLAND SALVATORE 5030-ET | 840003015030601 | | | | | | |
| RICKLAND SALVATORE 5037-ET | 840003015030608 | | | | | | |
| RICKLAND SALVATORE 5152-ET | 840003015030723 | | | | | | |
| RICKLAND SALVATORE 5158-ET | 840003015030729 | | | | | | |
| RICKLAND SANDY 2937-ET | USA 66157197 | | | | | | |
| RICKLAND SHAMROCK 3998-ET | USA 70018176 | | | | | | |
| RICKLAND SHAMROCK 4157 | USA 70992353 | | | | | | |
| RICKLAND SHAN 4719-ET | USA 72263301 | | | | | | |
| RICKLAND SHEP 5819 | 840003127756673 | | | | | | |
| RICKLAND SHERIFF 5652 | 840003127756506 | | | | | | |
| RICKLAND SHOTGLASS 4673-ET | USA 72263255 | | | | | | |
| RICKLAND SHOTGLASS 4747-ET | USA 72263329 | | | | | | |
| RICKLAND SHOTGLASS 4865-ET | USA 72263447 | | | | | | |
| RICKLAND SHOTGLASS 4872-ET | USA 72263454 | | | | | | |
| RICKLAND SHOTGLASS 4912-ET | USA 72263494 | | | | | | |
| RICKLAND SHOTGLASS 4914-ET | USA 72263496 | | | | | | |
| RICKLAND SILVER 5932-ET | 840003127756786 | | | | | | |
| RICKLAND SPARK 5764-ET | 840003127756618 | | | | | | |
| RICKLAND SPARK 5792-ET | 840003127756646 | | | | | | |
| RICKLAND SPARK 5818-ET | 840003127756672 | | | C | | | |
| RICKLAND SPARK 6085-ET | 840003134640316 | | | | | | |
| RICKLAND SUPER 3322 | USA 68824630 | | | | | | |
| RICKLAND SUPERSIRE 4469-ET | USA 70992665 | | | | | | |
| RICKLAND SUPERSIRE 4511-ET | USA 72263093 | | | | | | 3 |
| RICKLAND SUPERSIRE 4577 | USA 72263159 | | | | | | |
| RICKLAND SUPERSIRE 4593-ET | USA 72263175 | | | | | | |
| RICKLAND TATUM 5505-ET | 840003127756359 | | C | C | | | |
| RICKLAND TATUM 5516-ET | 840003127756370 | | | C | | | |
| RICKLAND TOPGUN 6036-ET | 840003134640267 | | | | | | |
| RICKLAND TRIGGER 4139 | USA 70992335 | | | | | C | |
| RICKLAND WATSON 5740 | 840003127756594 | | | | | C | |
| RICKLAND YODER 5412-ET | 840003015030983 | | | | | | |
| RICKLAND YODER 5419 | 840003015030990 | | | | | | |
| RICKLAND YODER 5463 | 840003015031034 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RICKLAND YODER 5509-ET | 840003127756363 | | | C | | | |
| RICKLAND YODER 5786-ET | 840003127756640 | | | | | | |
| RICOCHET PARKER 580-15 FAWN | 840003125417546 | | | | | | 1 |
| RIDGE-DELL AL RAYLORA | USA 70945803 | | | | | | |
| RIDGE-DELL ALVES SASHA | USA 63441564 | | | | | | |
| RIDGE-DELL BOLTON RIAN-ET | USA 65536143 | | | C | | | |
| RIDGE-DELL DAY HOBO | USA 74612034 | | | | | | |
| RIDGE-DELL HILL HAPPY | USA 70945802 | | | | | | |
| RIDGE-DELL IMP BELAGIO | USA 71469395 | C | | | | | |
| RIDGE-DELL IMP NOLA | USA 71469397 | | | | | | |
| RIDGE-DELL MOGUL ANNIE | USA 73967339 | | | | | | |
| RIDGE-DELL MOGUL HESTER | USA 73417785 | | | | | | |
| RIDGE-DELL MOGUL HILARITY | USA 72916447 | | | | | | |
| RIDGE-DELL MOGUL HOHO | USA 72352886 | | | | | | |
| RIDGE-DELL MOGUL KAT | 840003129209892 | | | | | | |
| RIDGE-DELL O MAN HENNA | USA 63441563 | | | | | | |
| RIDGE-DELL OSMOND HERON | USA 70945800 | | | | | | |
| RIDGE-DELL ROBUST BETSY | USA 70945812 | | | | | | |
| RIDGE-DELL SHAMROCK HESTA | USA 71469394 | | | | | | |
| RIDGE-HEIGHTS ENTRY | USA 17391787 | | | | | | |
| RIDGE-HEIGHTS EVELYN CRI-ET | USA 62030916 | | | | | | |
| RIDGE-HEIGHTS GABOR MANDY | USA 69587415 | | | | | | |
| RIDGE-HEIGHTS GCHIP CHERRY | USA 72895635 | | | | | | |
| RIDGE-HEIGHTS GOLDCHP KATHY | USA 71432306 | | | | | | |
| RIDGE-HEIGHTS IOTA JAN | USA 71432227 | | | | | | 1 |
| RIDGE-HEIGHTS MOGUL TRAV | USA 72895644 | | | | | | |
| RIDGE-HEIGHTS SANCHEZ LINDA | USA 143386456 | | | | | | |
| RIDGE-HEIGHTS SHOT CHERRY | USA 71432258 | | | | | | |
| RIDGE-HEIGHTS SUPER AMY | USA 71432265 | | | | | | |
| RIDGE-HEIGHTS SUPER CHERRY | USA 69587429 | | | | | | |
| RIDGE-HEIGHTS SUPER ENTRY | USA 69587486 | | | | | | |
| RIDGE-HEIGHTS SUPER GINA | USA 71432262 | | | | | | |
| RIDGE-HEIGHTS SUPER KATHY | USA 69587418 | | | | | | |
| RIDGE-HEIGHTS SUPER TIA | USA 69587461 | | | | | | |
| RIDGE-HEIGHTS SUPER TRAV | USA 71432225 | | | | | | 1 |
| RIDGE-HEIGHTS SUPERSIRE 942 | USA 72895647 | | | | | | |
| RIDGE-HEIGHTS SUPERSIRE 963 | USA 72895668 | | | | | | |
| RIDGE-HEIGHTS SUPERSIRE ANN | USA 143009997 | | | | | | |
| RIDGE-HEIGHTS TIME MANDY | USA 71432245 | | | | | | |
| RIDGE-PLACE SANCHZ ELLIE-ET | USA 141849414 | | | | | | |
| RIDGE-POINT DAMION LOLLY | USA 138745073 | | | | | | |
| RIDGE-POINT FINEST LASSIE | USA 136047526 | | | | | | |
| RIDGE-POINT MAYFIELD FAITH | USA 72525608 | | | | | | |
| RIDGE-POINT MAYFIELD FUDGE | USA 72525616 | | | | | | |
| RIDGE-POINT MOGUL FROSTING | 840003125545546 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIDGE-POINT NIAGRA FANTASY | USA 141438120 | | | C | | | |
| RIDGE-POINT PLANET FRANNY | 840003125545553 | | | | | | |
| RIDGE-POINT SHAMROCK FANCY | USA 141763758 | | | | | | |
| RIDGE-POINT TANGO FAMOUS-ET | 840003130393853 | | | | | | |
| RIDGE-VU BOWMAN ANNAH-RED | 840003126361904 | | | | | | |
| RIDGE-VU BOWMAN KATE-RED | 840003126361880 | | | | | | |
| RIDGEDALE ABIGALE-ET | USA 142592173 | | | | | | 3 |
| RIDGEDALE ALIGN-ET | USA 143357643 | | | | | | 1 |
| RIDGEDALE ANGELINA-ET | USA 139991972 | | | | | | 3 |
| RIDGEDALE AUGUSTA | USA 138447555 | | | | | | |
| RIDGEDALE BRISTAL | USA 141764393 | | | | | | |
| RIDGEDALE DUSK RAISIN | USA 72101358 | | | | | | |
| RIDGEDALE EMILYN | USA 139565063 | | | | | | |
| RIDGEDALE GOLD FEATHER-ET | USA 140607422 | | | | | | |
| RIDGEDALE GREETING | USA 136926036 | | | | | | |
| RIDGEDALE JASPER ESTEE-ET | USA 66676904 | | | | | | |
| RIDGEDALE JASPER LINSEY-ET | USA 63837661 | | | | | | |
| RIDGEDALE LARSON RAICHA-ET | 840003124680304 | | C | | | | 3 |
| RIDGEDALE LEANNE-ET | USA 66676878 | | | | | | |
| RIDGEDALE LYZA | USA 139564932 | | | | | | |
| RIDGEDALE MINAJEAN | USA 143196473 | | | | | | |
| RIDGEDALE PERAL-ET | 840003131023792 | | | | | | |
| RIDGEDALE RAJAH-ET | USA 142578232 | | | | | | |
| RIDGEDALE RASIA-RED-ET | USA 139968642 | | | | | | |
| RIDGEDALE RAVEN | USA 139564978 | | | | | | 3 |
| RIDGEDALE REGENERIST | USA 136058654 | | | | | | |
| RIDGEDALE RHODA-RED-ET | USA 137558308 | | | | | | |
| RIDGEDALE ROSETTE-RED | USA 141253925 | | | | | | |
| RIDGEDALE ROX RAQUEL-RED-ET | USA 140607383 | | | | | | |
| RIDGEDALE RUBYHOLM-RED | USA 140897384 | | | | | | |
| RIDGEDALE RUNWAY-RED-ET | USA 138812247 | | | | | | |
| RIDGEDALE SHOTTLE EVI-ET | USA 66676575 | | | | | | |
| RIDGEDALE-A ALIBI-ET | USA 143357577 | | | | | | 1 |
| RIDGEDALE-A ALL STAR | USA 143357399 | | | | | | 1 |
| RIDGEDALE-A LA MODE-RED-ETS | USA 143357719 | | | | | | 1 |
| RIDGEDALE-L ALANNA-ET | USA 139659050 | | | | | C | |
| RIDGEDALE-L ANOMALY-ET | USA 138812256 | | | | | | |
| RIDGEDALE-L ANSLEIGH-ET | USA 138988531 | C | | | | | |
| RIDGEDALE-L LARAMIE ALISSA | USA 140600658 | | | | | | |
| RIDGEDALE-W AMULET-ET | USA 143683964 | | | | | C | |
| RIDGEDALE-W AMYL-ET | USA 143683937 | | | | | | |
| RIDGEDALE-W ELECTRIFY-ET | USA 143357586 | | | | | | |
| RIDGEDALE-W ELICIT-ET | USA 143357670 | | | | | | |
| RIDGEDALE-W MISS ELLIE-ET | USA 143356802 | | | | | | |
| RIDGEFIELD GOLD ATLEE-ET | GBR 11341401 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIDGEFIELD SHOTTLE GHOST PI-ET | GBR 11207232 | | | | | C | |
| RIDGELINE MONTROSS KELLY-ET | USA 74321004 | | | | | | |
| RIDGELINE MONTROSS KELTY-ET | USA 74321006 | | | | | | |
| RIDGES-EDGE DORNE HISTORIC | USA 140790771 | | | | | | |
| RIDGEVILLE AFTRSHK KISSU-ET | USA 72326050 | | | | | C | |
| RIDGEVILLE ATWOOD TIPPY-ET | USA 72326037 | | | | | | |
| RIDGEVILLE BEAU WINDEX | USA 70935076 | | | | | | |
| RIDGEVILLE BRADNICK GEMSTAR | USA 70935069 | | | | | | 1 |
| RIDGEVILLE BRADNICK GLORIAN | USA 70935043 | | | | | | |
| RIDGEVILLE BRADNICK HOPPER | USA 72325982 | | | | | | |
| RIDGEVILLE BRETT ELLA | USA 70935018 | C | | | | | |
| RIDGEVILLE BRETT GALAXY | USA 70935016 | | | C | | | |
| RIDGEVILLE BROKAW GRAPE | USA 70935063 | | | | | | 3 |
| RIDGEVILLE BRONCO NEWTOY | USA 69261570 | | | C | | | |
| RIDGEVILLE DURABLE MILDEW | USA 70935059 | | C | | | | 3 |
| RIDGEVILLE GLD DRM PAULA-ET | 840003130430276 | | | | | | |
| RIDGEVILLE KUHN PRIMO | USA 73748415 | | | | | | |
| RIDGEVILLE LADD MAN SWEETY | 840003130430277 | | | | | | |
| RIDGEVILLE LADD MOLLIE | USA 72326033 | | | | | | 1 |
| RIDGEVILLE LARGE GROOVIN | USA 72326004 | | | C | | | |
| RIDGEVILLE LATRTY LAVISH-ET | USA 69261574 | | | | | | |
| RIDGEVILLE MAN-O-MAN GATSBY | USA 70935033 | | | | | | |
| RIDGEVILLE MAN-O-MAN TEENY | USA 70935041 | | | | | | |
| RIDGEVILLE MAYFIELD SAUTE | USA 72326020 | | | C | | | |
| RIDGEVILLE MCCUTCHEN GRASSY | USA 72326067 | | | | | | |
| RIDGEVILLE MOGUL LOLA | USA 72325991 | | | | | | |
| RIDGEVILLE MYFLD PETRONA-ET | USA 72325997 | | | C | | | |
| RIDGEVILLE MYFLD PETROVA-ET | USA 72325996 | | | | | | |
| RIDGEVILLE NIAGRA LOUANNE | USA 70935035 | | | | | | |
| RIDGEVILLE O-MAN GLENDA | USA 62013345 | | | C | | | |
| RIDGEVILLE OUTSIDE WINONA | USA 60340251 | | | | | | |
| RIDGEVILLE PLANET GEE | USA 69261486 | | | C | | | |
| RIDGEVILLE SHOTTLE LORNA-ET | USA 69261526 | | | | | | |
| RIDGEVILLE SOCRATS KLONDIKE | USA 66298232 | | | | | | |
| RIDGEVILLE SUPERSIRE TOPPER | USA 73748353 | | | | | | |
| RIDGEVILLE TRAIN AGATHA | USA 70935099 | | | | | | |
| RIDLE-SIDE BELLWOOD 227-ET | USA 17149501 | | | | | | |
| RIEHL-HAVEN REDLOU 86-RED | USA 140791213 | C | | | | | |
| RIEHLSTAR ASHOCK SUNBURN | USA 141812096 | | | | | C | |
| RIEHLSTAR DREAMER SUNFIRE | USA 143137418 | | | | | C | |
| RIEK 1-ET | NLD 587826394 | | | | | | 1 |
| RIEKA-ET | DEU 350104880 | | | | | C | |
| RIEMER EDDIE PETRA-ET | USA 70901232 | | | | | C | |
| RIEMER EDDIE PETRO-ET | USA 70901235 | | | | | | |
| RIEMER EDDIE ROGO-ET | USA 72940968 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIEMER EDDIE SHERILY | USA 66979162 | | | | | C | |
| RIEMER-C MARCEL PRINCES-ET | USA 70901214 | | | C | | | |
| RIEMER-C MARCEL QUEEN-ET | USA 70901216 | | | C | | | |
| RIEMER-C MARCEL SUPER M | USA 70901234 | | | | | | |
| RIETBEN BAXTER CECELIA | CAN 9520069 | | | | | | |
| RIETBEN DUDE CANDLE-ET | CAN 11677219 | | | | | | |
| RIETBEN LOUIE CHERISH-ET | CAN 9388170 | | | | | | |
| RIETBEN S G CELEBRITY-ET | CAN 7357174 | | | | | | |
| RIETEN ROUMAIRE ROZA-ET | NLD 489956997 | C | | | | | |
| RIETHIL WHITE RAIN | NLD 882262691 | | | C | | | |
| RIKA GOLDCHIP ERIN | USA 143443735 | | | | | | |
| RIKA ROY EVERGREEN | USA 141816894 | | | | | | 1 |
| RIKER A DAPPLE | USA 142588967 | | | | | | 1 |
| RIKER D DAISY-TW | USA 141143385 | | | | | | |
| RIKER D DAPHNE-TW | USA 141143394 | | | | | | |
| RIKER D DEBBIE JO-ET | USA 142025181 | | | | | | |
| RIKER D DESTINY-ET | USA 142024676 | | | | | | 1 |
| RIKER D DEZIRAE-ET | USA 142024630 | | | | | | 1 |
| RIKER GC DAPHODILL-ET | USA 142549652 | | | | | | |
| RIKER GC SOLARA | USA 142422876 | | | | | | |
| RILARA TIME CHLOE JORDAN-ET | USA 56300903 | | | | | | |
| RILEYS BOWSER 920 HELEN | USA 68834429 | | | | | | |
| RILEYS ENCINO 692 GAIL | USA 62703721 | | | C | | | |
| RILEYS LEWIS 1022 | USA 71437304 | | | | | | |
| RILEYS LYNCH 787 KUSHLA | USA 64802439 | | | | | | |
| RILEYS POTTER 676 KUSHLA | USA 62703692 | | | | | | |
| RILEYS SAILOR 331 LUCY | USA 133465712 | | | | | | |
| RILEYS SOSA 525 GAIL | USA 62215841 | | | C | | | |
| RINDAL-HILLS AW GOLDEN | USA 143230568 | | | | | | 1 |
| RINDAL-HILLS EPIC GEMINI-ET | USA 142289260 | | | | | | 1 |
| RINDAL-HILLS JEVS GALAXY-ET | USA 141267841 | | | | | | 1 |
| RINDAL-HILLS SS GALAXY-ET | USA 142591640 | | | | | | |
| RINEHART TERRY DAWNIE-ET | USA 123608877 | | | | | | |
| RINGA-LEA TENDENCY 2320 | 840003132535067 | | | | | | |
| RINGHILL RH SANCHEZ MARIMBA-ET | CAN 10928680 | | | | | | 1 |
| RIO-ET | DEU 350104899 | | | | | | |
| RIPLINGER BRADNICK TEMPURA | USA 73195509 | | | | | | |
| RIPP-CO BRAXTON DAIRY | 840003008221404 | | | | | | |
| RIPPD-VALLEY ALEXANDER 5622 | USA 70882026 | | | | | | 1 |
| RIPPD-VALLEY ALEXANDER 5783 | USA 70882187 | | | | | | |
| RIPPD-VALLEY ALEXANDER 5800 | USA 70882204 | | | | | | |
| RIPPD-VALLEY ALFALFA 7449 | 840003130324898 | | | | | | |
| RIPPD-VALLEY ALFALFA 7612 | 840003130325061 | | | | | | |
| RIPPD-VALLEY ALGOMA 6283-TW | USA 71786759 | | | | | | |
| RIPPD-VALLEY ALGOMA 6284-TW | USA 71786760 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY ALIQUIPPA 6731 | USA 73380551 | | | | | | |
| RIPPD-VALLEY ALLTHAT 6980 | USA 73380800 | | | | | | |
| RIPPD-VALLEY ALPHABET 7721 | 840003130325170 | | | | C | | |
| RIPPD-VALLEY ALRIGHT 6827 | USA 73380647 | | | | | | |
| RIPPD-VALLEY ALRIGHT 6873 | USA 73380693 | | | | | | |
| RIPPD-VALLEY ALRIGHT 6886 | USA 73380706 | | | | | | |
| RIPPD-VALLEY ALTHAT 6927-TW | USA 73380747 | | | | | | |
| RIPPD-VALLEY ALTHAT 6928-TW | USA 73380748 | | | | | | |
| RIPPD-VALLEY ANDERS 6300-TW | USA 71786776 | | | | | | |
| RIPPD-VALLEY ANDERSON 6001 | USA 71786477 | | | | | | |
| RIPPD-VALLEY ANDERSON 6047 | USA 71786523 | | | | | | |
| RIPPD-VALLEY ANDERSON 6089 | USA 71786565 | | | | | | |
| RIPPD-VALLEY ANDERSON 6100 | USA 71786576 | | | | | | 1 |
| RIPPD-VALLEY ANDERSON 6193 | USA 71786669 | | | | | | |
| RIPPD-VALLEY ANDERSON 6270 | USA 71786746 | | | | | | |
| RIPPD-VALLEY ANDERSON 6282 | USA 71786758 | | | | | | |
| RIPPD-VALLEY ANDERSON 6295 | USA 71786771 | | | | | | |
| RIPPD-VALLEY ANDERSON 6303 | USA 72597077 | | | | | | |
| RIPPD-VALLEY ANDERSON 6322 | USA 72597096 | | | | | | |
| RIPPD-VALLEY ANDERSON 6335 | USA 72597109 | | | | | | |
| RIPPD-VALLEY ANDERSON 6339 | USA 72597113 | | | | | | |
| RIPPD-VALLEY ANDERSON 6361 | USA 72597135 | | | | | | |
| RIPPD-VALLEY ANDERSON 6389 | USA 72597163 | | | | | | |
| RIPPD-VALLEY ANDERSON 6448 | USA 72597222 | | | | | | |
| RIPPD-VALLEY ANDERSON 6460 | USA 72597234 | | | | | | |
| RIPPD-VALLEY ANDERSON 6511 | USA 72597285 | C | | | | | |
| RIPPD-VALLEY APEX 5904 | USA 70882308 | | | | | | |
| RIPPD-VALLEY APEX 5906 | USA 70882310 | | | | | | |
| RIPPD-VALLEY APPLE 6844 | USA 73380664 | | | | | | 1 |
| RIPPD-VALLEY ARDIE 6812 | USA 73380632 | | | C | | | |
| RIPPD-VALLEY ARDIE 6836 | USA 73380656 | | | C | | | |
| RIPPD-VALLEY ARDIE 6877 | USA 73380697 | | | C | | | |
| RIPPD-VALLEY ARDIE 6897 | USA 73380717 | | | | | | |
| RIPPD-VALLEY ARGON 6218 | USA 71786694 | | | | | | |
| RIPPD-VALLEY ARMCANDY 7283 | 840003125604708 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6216 | USA 71786692 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6222 | USA 71786698 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6239 | USA 71786715 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6274 | USA 71786750 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6279 | USA 71786755 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6287 | USA 71786763 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6366 | USA 72597140 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6406 | USA 72597180 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6943 | USA 73380763 | | | | | | |
| RIPPD-VALLEY ARMITAGE 6990 | USA 73380810 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY ARMITAGE 7367 | 840003130324816 | | | C | | | |
| RIPPD-VALLEY ATT-6608-RED | USA 72597382 | | | | | | 1 |
| RIPPD-VALLEY ATTIT 6635-RED | USA 72597409 | | | | | | |
| RIPPD-VALLEY ATTIT 6695-RED | USA 72597469 | | | | | | |
| RIPPD-VALLEY BAHAMA 6690 | USA 72597464 | | | | | | |
| RIPPD-VALLEY BAHAMA 6709 | USA 73380529 | | | | | | |
| RIPPD-VALLEY BALIST 6985-ET | USA 73380805 | | | | | | |
| RIPPD-VALLEY BALISTO 6712 | USA 73380532 | | | | | | |
| RIPPD-VALLEY BALISTO 6750 | USA 73380570 | | | | | | |
| RIPPD-VALLEY BALISTO 6769 | USA 73380589 | | | | | | |
| RIPPD-VALLEY BALISTO 7141 | USA 74113072 | | | | | | |
| RIPPD-VALLEY BALISTO 7153 | USA 74113084 | | | | | | |
| RIPPD-VALLEY BALISTO 7213 | USA 74113144 | | | | | C | |
| RIPPD-VALLEY BALISTO 7214 | USA 74113145 | | | | | | |
| RIPPD-VALLEY BARISTA-P 7660 | 840003130325109 | | | C | | | |
| RIPPD-VALLEY BAZOOKA 6524 | USA 72597298 | | | | | | |
| RIPPD-VALLEY BEACON 5286 | USA 70217059 | | | | | | |
| RIPPD-VALLEY BEACON 5472 | USA 70217245 | | | | | C | |
| RIPPD-VALLEY BEACON 5564 | USA 70881968 | | | | | | |
| RIPPD-VALLEY BEACON 5572 | USA 70881976 | C | | | | | |
| RIPPD-VALLEY BEACON 5628 | USA 70882032 | | | | | C | |
| RIPPD-VALLEY BEACON 5709 | USA 70882113 | | | | | | |
| RIPPD-VALLEY BEACON 5769 | USA 70882173 | | | | | | |
| RIPPD-VALLEY BEACON 6012 | USA 71786488 | | | | | | |
| RIPPD-VALLEY BEACON 6021 | USA 71786497 | | | | | C | |
| RIPPD-VALLEY BEACON 6225 | USA 71786701 | | | | | C | |
| RIPPD-VALLEY BEACON 6237 | USA 71786713 | C | | | | | |
| RIPPD-VALLEY BEACON 6240 | USA 71786716 | | | | | | |
| RIPPD-VALLEY BEACON 6243 | USA 71786719 | | | | | C | |
| RIPPD-VALLEY BEACON 6245-TW | USA 71786721 | | | | | | |
| RIPPD-VALLEY BEACON 6246-TW | USA 71786722 | | | | | | |
| RIPPD-VALLEY BEACON 6249-TW | USA 71786725 | | | | | | |
| RIPPD-VALLEY BEACON 6250-TW | USA 71786726 | | | | | | |
| RIPPD-VALLEY BEACON 6317 | USA 72597091 | | | | | | |
| RIPPD-VALLEY BEACON 6436 | USA 72597210 | | | | | C | |
| RIPPD-VALLEY BEACON 6449 | USA 72597223 | | | | | | |
| RIPPD-VALLEY BEACON 6505 | USA 72597279 | | | | | C | |
| RIPPD-VALLEY BEACON 6521 | USA 72597295 | | | | | | |
| RIPPD-VALLEY BEACON 6540 | USA 72597314 | | | | | | |
| RIPPD-VALLEY BEACON 7396 | 840003130324845 | | | | | | |
| RIPPD-VALLEY BEAU 6109 | USA 71786585 | | | | | | |
| RIPPD-VALLEY BEAU 6124 | USA 71786600 | | | | | | |
| RIPPD-VALLEY BEAU 6187 | USA 71786663 | | | | | | |
| RIPPD-VALLEY BEAU 6637 | USA 72597411 | | | | | | |
| RIPPD-VALLEY BEAU 6641 | USA 72597415 | | | C | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY BEAU 6694 | USA 72597468 | | | | | | |
| RIPPD-VALLEY BEAU 6736 | USA 73380556 | | | C | | | |
| RIPPD-VALLEY BEAU 6768 | USA 73380588 | | | | | | |
| RIPPD-VALLEY BEAU 6881 | USA 73380701 | | | | | | |
| RIPPD-VALLEY BEAU 7082 | USA 74113013 | | | | | | |
| RIPPD-VALLEY BEAU 7219 | USA 74113150 | | | | | | |
| RIPPD-VALLEY BELUGA 6693 | USA 72597467 | | | C | | | |
| RIPPD-VALLEY BELUGA 6703 | USA 73380523 | | | | | | |
| RIPPD-VALLEY BELUGA 6730 | USA 73380550 | | | | | | |
| RIPPD-VALLEY BELUGA 6760 | USA 73380580 | | | C | | | |
| RIPPD-VALLEY BELUGA 7202 | 840003125604551 | | C | C | | | |
| RIPPD-VALLEY BELUGA 7267 | 840003125604692 | | | C | | | |
| RIPPD-VALLEY BELUGA 7287 | 840003125604712 | | | | | | |
| RIPPD-VALLEY BELUGA 7315 | 840003130324764 | | | | | | |
| RIPPD-VALLEY BELUGA 7316 | 840003130324765 | | | C | | | |
| RIPPD-VALLEY BELUGA 7318 | 840003130324767 | | | C | | | |
| RIPPD-VALLEY BELUGA 7322 | 840003130324771 | | | | | | |
| RIPPD-VALLEY BELUGA 7336 | 840003130324785 | | | C | | | |
| RIPPD-VALLEY BELUGA 7349 | 840003130324798 | | | | | | |
| RIPPD-VALLEY BELUGA 7356 | 840003130324805 | | | | | | |
| RIPPD-VALLEY BELUGA 7416 | 840003130324865 | | | | | C | |
| RIPPD-VALLEY BELUGA 7429 | 840003130324878 | | | C | | | |
| RIPPD-VALLEY BELUGA 7450 | 840003130324899 | | C | | | | |
| RIPPD-VALLEY BELUGA 7529 | 840003130324978 | | | | | | |
| RIPPD-VALLEY BERK 7303-RED | 840003130324752 | | | | | | |
| RIPPD-VALLEY BERK-7409-RED | 840003130324858 | | | | | | |
| RIPPD-VALLEY BEUKEBOOM 7358 | 840003130324807 | | | | | | |
| RIPPD-VALLEY BK 7189-RED-TW | 840003125604538 | | | | | | |
| RIPPD-VALLEY BLACKOUT 6075 | USA 71786551 | | | | | | |
| RIPPD-VALLEY BLACKOUT 6093 | USA 71786569 | | | | | | |
| RIPPD-VALLEY BLUE-15 7247 | 840003125604672 | | | | | | |
| RIPPD-VALLEY BLUE-15 7248 | 840003125604673 | | | | | | |
| RIPPD-VALLEY BLUE-15 7345 | 840003130324794 | | | | | | |
| RIPPD-VALLEY BLUE-15 7534 | 840003130324983 | | | | | | |
| RIPPD-VALLEY BLUE-3 7171 | 840003125604345 | | | | | | |
| RIPPD-VALLEY BLUE-504 6701 | USA 73380521 | | | | | | |
| RIPPD-VALLEY BLUE-85 6518 | USA 72597292 | | | | | | |
| RIPPD-VALLEY BLUE-9 7029 | USA 74112960 | | | C | | | |
| RIPPD-VALLEY BLUE-9 7360 | 840003130324809 | | | | | | |
| RIPPD-VALLEY BLUE-93 6504 | USA 72597278 | | | | | | |
| RIPPD-VALLEY BLUE-93 6856 | USA 73380676 | | | | | | |
| RIPPD-VALLEY BLUE-96 6823 | USA 73380643 | | | | | | |
| RIPPD-VALLEY BLUE-96 6832 | USA 73380652 | | | | | | |
| RIPPD-VALLEY BLUE-99 6830 | USA 73380650 | | | | | | |
| RIPPD-VALLEY BLUE-99 6908 | USA 73380728 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY BLUE-99 7020 | USA 74112951 | | | | | C | |
| RIPPD-VALLEY BLUE-99 7169 | USA 74113100 | | | | | C | |
| RIPPD-VALLEY BOAST 7438-ET | 840003130324887 | | | | | | |
| RIPPD-VALLEY BOASTFUL 7414 | 840003130324863 | | | | | | |
| RIPPD-VALLEY BOASTFUL 7434 | 840003130324883 | | | | | | |
| RIPPD-VALLEY BOASTFUL 7582 | 840003130325031 | | | | | | |
| RIPPD-VALLEY BOLTON 4910 | USA 69302285 | | | | | | |
| RIPPD-VALLEY BOLTON 4933 | USA 69302308 | | | | | | |
| RIPPD-VALLEY BOLTON 4989 | USA 69302364 | | | | | | |
| RIPPD-VALLEY BOLTON 5285 | USA 70217058 | | | | | | |
| RIPPD-VALLEY BOLTON 5342 | USA 70217115 | | | | | | |
| RIPPD-VALLEY BOLTON 5426 | USA 70217199 | | | | | | |
| RIPPD-VALLEY BOLTON 5453 | USA 70217226 | | | | | | |
| RIPPD-VALLEY BOLTON 5490 | USA 70217263 | | | | | | |
| RIPPD-VALLEY BOLTON 5593 | USA 70881997 | | | | | | |
| RIPPD-VALLEY BOND 7465 | 840003130324914 | | | | | | |
| RIPPD-VALLEY BOOKEM 5685 | USA 70882089 | | | | | | |
| RIPPD-VALLEY BOOKEM 7237 | 840003125604662 | | | | | | |
| RIPPD-VALLEY BOOKEM 7240 | 840003125604665 | | | | | | |
| RIPPD-VALLEY BOOKEM 7252 | 840003125604677 | | | | | | |
| RIPPD-VALLEY BOOKEM 7258 | 840003125604683 | | | | | | |
| RIPPD-VALLEY BOOKEM 7401 | 840003130324850 | | | | | | |
| RIPPD-VALLEY BOOKEM 7639 | 840003130325088 | | | | | | |
| RIPPD-VALLEY BOOKEM 7674 | 840003130325123 | | | | | | |
| RIPPD-VALLEY BOOSTER 5137 | USA 69617949 | | | | | | |
| RIPPD-VALLEY BRAXTON 5594 | USA 70881998 | | | | | | |
| RIPPD-VALLEY BRAXTON 6068 | USA 71786544 | | | | | | |
| RIPPD-VALLEY BRIANDER 7015 | USA 74112946 | | | | | | 1 |
| RIPPD-VALLEY BRODIE 7614 | 840003130325063 | | | | | | |
| RIPPD-VALLEY BRODIE 7701 | 840003130325150 | | | | | | |
| RIPPD-VALLEY BRONCO 5149 | USA 69617961 | | | | | | |
| RIPPD-VALLEY BRONCO 5686 | USA 70882090 | | | C | | | |
| RIPPD-VALLEY BRONCO 5903 | USA 70882307 | | | | | | |
| RIPPD-VALLEY BRONCO 5937 | USA 70882341 | | | C | | | |
| RIPPD-VALLEY BRONZE 7714 | 840003130325163 | | | | | C | |
| RIPPD-VALLEY BRONZE 7722 | 840003130325171 | | | | | | |
| RIPPD-VALLEY BUZZ 7519-TW | 840003130324968 | | | | | | |
| RIPPD-VALLEY BUZZ 7520-TW | 840003130324969 | | | | | | |
| RIPPD-VALLEY C 7069-RED | USA 74113000 | | | | | | |
| RIPPD-VALLEY CABBIE 6399 | USA 72597173 | | | | | | |
| RIPPD-VALLEY CABBIE 6425 | USA 72597199 | | | | | | |
| RIPPD-VALLEY CABBIE 6437 | USA 72597211 | | | | | | |
| RIPPD-VALLEY CABBIE 6445 | USA 72597219 | | | | | | |
| RIPPD-VALLEY CABBY 7658 | 840003130325107 | | | | | | |
| RIPPD-VALLEY CABRIOLET 6777 | USA 73380597 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY CABRIOLET 6846 | USA 73380666 | | | | | | |
| RIPPD-VALLEY CABRLT 6948-ET | USA 73380768 | | | | | | |
| RIPPD-VALLEY CABRLT 6961-ET | USA 73380781 | | | | | | |
| RIPPD-VALLEY CACTUS 6976 | USA 73380796 | | | | | | |
| RIPPD-VALLEY CACTUS 7022 | USA 74112953 | | | | | | |
| RIPPD-VALLEY CACTUS 7052 | USA 74112983 | | | | | | |
| RIPPD-VALLEY CACTUS 7057 | USA 74112988 | | | | | | |
| RIPPD-VALLEY CALICO 6236 | USA 71786712 | | | | | | |
| RIPPD-VALLEY CALICO 6254 | USA 71786730 | | | | | | |
| RIPPD-VALLEY CALICO 6266 | USA 71786742 | | | | | | |
| RIPPD-VALLEY CALICO 6280 | USA 71786756 | | | | | | |
| RIPPD-VALLEY CALICO 6312 | USA 72597086 | | | | | | |
| RIPPD-VALLEY CALICO 6328 | USA 72597102 | | | | | | |
| RIPPD-VALLEY CALICO 6331 | USA 72597105 | | | | | | |
| RIPPD-VALLEY CALICO 6428 | USA 72597202 | | | | | | |
| RIPPD-VALLEY CALICO 6444 | USA 72597218 | | | | | | |
| RIPPD-VALLEY CALICO 6502 | USA 72597276 | | | | | | |
| RIPPD-VALLEY CALICO 6513 | USA 72597287 | | | | | | |
| RIPPD-VALLEY CALVIN 6630 | USA 72597404 | | | | | | |
| RIPPD-VALLEY CALVIN 6648 | USA 72597422 | | | | | | |
| RIPPD-VALLEY CALVIN 6672 | USA 72597446 | | | | | | |
| RIPPD-VALLEY CANCUN 6526 | USA 72597300 | | | | | | |
| RIPPD-VALLEY CANCUN 6673 | USA 72597447 | | | | | | |
| RIPPD-VALLEY CANCUN 7041 | USA 74112972 | | | | | | |
| RIPPD-VALLEY CANCUN 7050 | USA 74112981 | | | | | | |
| RIPPD-VALLEY CANCUN 7063 | USA 74112994 | | | | | | |
| RIPPD-VALLEY CANCUN 7076 | USA 74113007 | | | | | | |
| RIPPD-VALLEY CANCUN 7083 | USA 74113014 | | | | | | |
| RIPPD-VALLEY CANCUN 7151 | USA 74113082 | | | | | | |
| RIPPD-VALLEY CANCUN 7218 | USA 74113149 | | | | | | |
| RIPPD-VALLEY CANCUN 7251 | 840003125604676 | | | | | | |
| RIPPD-VALLEY CANCUN 7281 | 840003125604706 | | | | | | |
| RIPPD-VALLEY CANCUN 7291 | 840003125604717 | | | | | | |
| RIPPD-VALLEY CANCUN 7294 | 840003125604721 | | | | | | |
| RIPPD-VALLEY CANCUN 7311 | 840003130324760 | | | | | | |
| RIPPD-VALLEY CANCUN 7329 | 840003130324778 | | | | | | |
| RIPPD-VALLEY CANCUN 7357 | 840003130324806 | | | | | | |
| RIPPD-VALLEY CANCUN 7373 | 840003130324822 | | | | | | |
| RIPPD-VALLEY CANCUN 7377 | 840003130324826 | | | | | | |
| RIPPD-VALLEY CANCUN 7387 | 840003130324836 | | | | | | |
| RIPPD-VALLEY CANDID 6805 | USA 73380625 | | | | | | |
| RIPPD-VALLEY CANDID 6970 | USA 73380790 | | | | | | |
| RIPPD-VALLEY CANDID 6979 | USA 73380799 | | | C | | | |
| RIPPD-VALLEY CANDID 7037 | USA 74112968 | | | | | | |
| RIPPD-VALLEY CANNON 6880 | USA 73380700 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY CANNON 6919 | USA 73380739 | | | | | | |
| RIPPD-VALLEY CANNON 6933 | USA 73380753 | | | | | | |
| RIPPD-VALLEY CASUAL 6268-TW | USA 71786744 | | | | | | |
| RIPPD-VALLEY CASUAL 6269-TW | USA 71786745 | | | | | | |
| RIPPD-VALLEY CASUAL 6318 | USA 72597092 | | | | | | |
| RIPPD-VALLEY CASUAL 6386 | USA 72597160 | | | | | | |
| RIPPD-VALLEY CASUAL 6481 | USA 72597255 | | | | | | |
| RIPPD-VALLEY CASUAL 6579 | USA 72597353 | | | C | | | |
| RIPPD-VALLEY CASUAL 6786 | USA 73380606 | | | | | | |
| RIPPD-VALLEY CASUAL 6884 | USA 73380704 | | | | | | |
| RIPPD-VALLEY CHARIOT 5792 | USA 70882196 | | | | | | |
| RIPPD-VALLEY CHARIOT 5802 | USA 70882206 | | | | | | |
| RIPPD-VALLEY CHARLIE 6789 | USA 73380609 | | | | | | |
| RIPPD-VALLEY CHARLIE 6828 | USA 73380648 | | | | | | |
| RIPPD-VALLEY CHARLIE 6834 | USA 73380654 | | | | | | |
| RIPPD-VALLEY CHARLIE 6840 | USA 73380660 | | | | | | |
| RIPPD-VALLEY CHARLIE 6848 | USA 73380668 | | | | | | |
| RIPPD-VALLEY CHARLIE 7091 | USA 74113022 | | | | | | |
| RIPPD-VALLEY CHARLIE 7236 | 840003125604661 | | | | | | |
| RIPPD-VALLEY CHASE 6576 | USA 72597350 | | | C | | | |
| RIPPD-VALLEY CHASE 6632 | USA 72597406 | C | | C | | | |
| RIPPD-VALLEY CHASE 6646 | USA 72597420 | | | C | | | |
| RIPPD-VALLEY CHASE 6697 | USA 72597471 | | | | | | |
| RIPPD-VALLEY CHASE 6698 | USA 72597472 | | | | | | |
| RIPPD-VALLEY CHASE 6707 | USA 73380527 | | | | | | |
| RIPPD-VALLEY CHASE 6717 | USA 73380537 | | | | | | |
| RIPPD-VALLEY CHASE 6729 | USA 73380549 | | | | | | |
| RIPPD-VALLEY CHASE 6749 | USA 73380569 | | | | | | |
| RIPPD-VALLEY CHASE 6822 | USA 73380642 | | | | | | |
| RIPPD-VALLEY CHASE 6858 | USA 73380678 | | C | | | | |
| RIPPD-VALLEY CHASE 6861 | USA 73380681 | | | C | | | |
| RIPPD-VALLEY CHASE 6867 | USA 73380687 | | | | | | |
| RIPPD-VALLEY CHASE 6874 | USA 73380694 | | | | | | |
| RIPPD-VALLEY CHASE 6890 | USA 73380710 | | | | | | |
| RIPPD-VALLEY CHASE 6893 | USA 73380713 | | | C | | | 3 |
| RIPPD-VALLEY CHASE 6896 | USA 73380716 | | | | | C | |
| RIPPD-VALLEY CHASE 6906 | USA 73380726 | | | C | | | |
| RIPPD-VALLEY CHASE 6915 | USA 73380735 | | | | | | |
| RIPPD-VALLEY CHASE 6925 | USA 73380745 | | | | | | |
| RIPPD-VALLEY CHASE 6926 | USA 73380746 | | | C | | | |
| RIPPD-VALLEY CHASE 6931-TW | USA 73380751 | | | | | | |
| RIPPD-VALLEY CHASE 6932-TW | USA 73380752 | | | | | | |
| RIPPD-VALLEY CHASE 6959 | USA 73380779 | | | C | | | |
| RIPPD-VALLEY CHASE 7004 | USA 74112935 | | | C | | | |
| RIPPD-VALLEY CHASE 7009 | USA 74112940 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY CHASE 7035 | USA 74112966 | | | | | | |
| RIPPD-VALLEY CHASE 7074 | USA 74113005 | | | C | | | |
| RIPPD-VALLEY CHASE 7077 | USA 74113008 | | | | | | |
| RIPPD-VALLEY CHASE 7135 | USA 74113066 | | | | | | |
| RIPPD-VALLEY CHASE 7156 | USA 74113087 | | | | | | |
| RIPPD-VALLEY CHASE 7160 | USA 74113091 | | | C | | | |
| RIPPD-VALLEY CHASE 7164 | USA 74113095 | | | | | | |
| RIPPD-VALLEY CHASE 7188 | 840003125604537 | | | C | | | |
| RIPPD-VALLEY CHASE 7225-TW | USA 74113156 | | | C | | | |
| RIPPD-VALLEY CHASE 7226-TW | USA 74113157 | | | C | | | |
| RIPPD-VALLEY CHASE 7232 | 840003125604632 | | | | | | |
| RIPPD-VALLEY CHASE 7272 | 840003125604697 | | | | | | |
| RIPPD-VALLEY CHASE 7280 | 840003125604705 | | | | | | |
| RIPPD-VALLEY CHASE 7285 | 840003125604710 | | | C | | | |
| RIPPD-VALLEY CHASE 7292 | 840003125604718 | | | | | | |
| RIPPD-VALLEY CHASE 7299 | 840003125604725 | | | | | | |
| RIPPD-VALLEY CHASE 7325 | 840003130324774 | | | | | C | |
| RIPPD-VALLEY CHASE 7330 | 840003130324779 | | | C | | | |
| RIPPD-VALLEY CHASE 7332 | 840003130324781 | | | | | | |
| RIPPD-VALLEY CHASE 7339 | 840003130324788 | | | | | | |
| RIPPD-VALLEY CHASE 7341 | 840003130324790 | | | C | | | |
| RIPPD-VALLEY CHASE 7342 | 840003130324791 | | | C | | | |
| RIPPD-VALLEY CHASE 7343 | 840003130324792 | | | | | | |
| RIPPD-VALLEY CHEESEHED 7088 | USA 74113019 | | | | | | |
| RIPPD-VALLEY CINEMA 7027 | USA 74112958 | | | | | | |
| RIPPD-VALLEY COCOA 6957 | USA 73380777 | | | | | | |
| RIPPD-VALLEY COLSON 6350-TW | USA 72597124 | | | | | | N |
| RIPPD-VALLEY COMMANDER 7478 | 840003130324927 | | | | | | |
| RIPPD-VALLEY COMMANDER 7514 | 840003130324963 | | | | | | |
| RIPPD-VALLEY COMMANDER 7535 | 840003130324984 | | | | | | |
| RIPPD-VALLEY COMMANDER 7544 | 840003130324993 | | | | | | |
| RIPPD-VALLEY COMMANDER 7603 | 840003130325052 | | | | | | |
| RIPPD-VALLEY COMMANDER 7632 | 840003130325081 | | | | | C | |
| RIPPD-VALLEY COMMANDER 7653 | 840003130325102 | | | | | | |
| RIPPD-VALLEY COMMANDER 7668 | 840003130325117 | | | | | | |
| RIPPD-VALLEY COSMIC 6829 | USA 73380649 | | | | | | |
| RIPPD-VALLEY CREDIT 6276 | USA 71786752 | | | | | | |
| RIPPD-VALLEY CROWN 5799 | USA 70882203 | | | C | | | |
| RIPPD-VALLEY CROWN 5885 | USA 70882289 | | | | | | |
| RIPPD-VALLEY CROWN 6059 | USA 71786535 | | | C | | | |
| RIPPD-VALLEY CROWN 6090 | USA 71786566 | | | C | | | 1 |
| RIPPD-VALLEY CROWN 6122 | USA 71786598 | | | | | | |
| RIPPD-VALLEY CROWN 6134 | USA 71786610 | | | C | | | 1 |
| RIPPD-VALLEY CROWN 6252 | USA 71786728 | | | | | | 3 |
| RIPPD-VALLEY CROWN 6320 | USA 72597094 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY CROWN 6321 | USA 72597095 | | | | | | 1 |
| RIPPD-VALLEY CROWN 6380 | USA 72597154 | | | C | | | |
| RIPPD-VALLEY CROWN 6467 | USA 72597241 | | | C | | | 1 |
| RIPPD-VALLEY CROWN 6509 | USA 72597283 | | | C | | C | |
| RIPPD-VALLEY CRUIZE 7253 | 840003125604678 | | | | | | |
| RIPPD-VALLEY DAMARIS 7589 | 840003130325038 | | | | | | |
| RIPPD-VALLEY DAMARIS 7631 | 840003130325080 | | | | | | |
| RIPPD-VALLEY DAMARIS 7650 | 840003130325099 | | | | | | |
| RIPPD-VALLEY DAMARIS 7662 | 840003130325111 | | | | | | |
| RIPPD-VALLEY DAMARIS 7707 | 840003130325156 | | | | | C | |
| RIPPD-VALLEY DARE 6946 | USA 73380766 | | | | | C | |
| RIPPD-VALLEY DARE 6952 | USA 73380772 | | | | | | |
| RIPPD-VALLEY DARE 6960 | USA 73380780 | | | | | | |
| RIPPD-VALLEY DARE 6994 | USA 73380814 | | | | | | |
| RIPPD-VALLEY DARE 7005 | USA 74112936 | | | | | | |
| RIPPD-VALLEY DARE 7007 | USA 74112938 | | | | | | |
| RIPPD-VALLEY DARE 7016 | USA 74112947 | | | C | | | |
| RIPPD-VALLEY DARE 7018 | USA 74112949 | | | C | | | |
| RIPPD-VALLEY DARE 7024 | USA 74112955 | | | | | | |
| RIPPD-VALLEY DARE 7025 | USA 74112956 | | | C | | | |
| RIPPD-VALLEY DARE 7042 | USA 74112973 | | | C | | | |
| RIPPD-VALLEY DARE 7044 | USA 74112975 | | | | | | |
| RIPPD-VALLEY DARE 7045 | USA 74112976 | | | | | | |
| RIPPD-VALLEY DARE 7066 | USA 74112997 | | | C | | | |
| RIPPD-VALLEY DARE 7078 | USA 74113009 | | | C | | | |
| RIPPD-VALLEY DARE 7129 | USA 74113060 | | | C | | C | |
| RIPPD-VALLEY DARE 7139 | USA 74113070 | | | | | | |
| RIPPD-VALLEY DARE 7140 | USA 74113071 | | | | | | |
| RIPPD-VALLEY DARE 7145 | USA 74113076 | | | C | | | |
| RIPPD-VALLEY DARE 7154 | USA 74113085 | | | | | | |
| RIPPD-VALLEY DARE 7162 | USA 74113093 | | | | | | |
| RIPPD-VALLEY DARE 7179 | 840003125604353 | | | | | | |
| RIPPD-VALLEY DARE 7217 | USA 74113148 | | | | | | |
| RIPPD-VALLEY DARE 7228 | USA 74113159 | | | C | | | |
| RIPPD-VALLEY DARE 7234 | 840003125604659 | | | C | | | |
| RIPPD-VALLEY DARE 7278 | 840003125604703 | | | C | | | |
| RIPPD-VALLEY DAYLIGHT 6376 | USA 72597150 | | | | | | |
| RIPPD-VALLEY DAYLIGHT 6402 | USA 72597176 | | | | | | |
| RIPPD-VALLEY DBRMAN 6470-TW | USA 72597244 | | | | | | |
| RIPPD-VALLEY DBRMAN 6471-TW | USA 72597245 | | | | | | |
| RIPPD-VALLEY DEAN 6092 | USA 71786568 | | | | | | |
| RIPPD-VALLEY DEAN 6120 | USA 71786596 | | | | | | |
| RIPPD-VALLEY DEAN 6127 | USA 71786603 | | | | | | |
| RIPPD-VALLEY DEAN 6152 | USA 71786628 | | | | | | |
| RIPPD-VALLEY DEAN 6171-ET | USA 71786647 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY DEAN 6235-ET | USA 71786711 | | | | | C | |
| RIPPD-VALLEY DEAN 6343 | USA 72597117 | | | | | | |
| RIPPD-VALLEY DEAN 6354 | USA 72597128 | | | | | | |
| RIPPD-VALLEY DEAN 6367 | USA 72597141 | | | | | | |
| RIPPD-VALLEY DEAN 6443-ET | USA 72597217 | | | | | | |
| RIPPD-VALLEY DEAN 6446-ET | USA 72597220 | | | | | | |
| RIPPD-VALLEY DEAN 6482-ET | USA 72597256 | | | | | | |
| RIPPD-VALLEY DEAN 6500 | USA 72597274 | | | | | | |
| RIPPD-VALLEY DEAN 6577 | USA 72597351 | | | | | | |
| RIPPD-VALLEY DEAN 6654-TW | USA 72597428 | | | | | | |
| RIPPD-VALLEY DEAN 6655-TW | USA 72597429 | | | | | | |
| RIPPD-VALLEY DEAN 6661 | USA 72597435 | | | | | | |
| RIPPD-VALLEY DEAN 7355 | 840003130324804 | | | | | | |
| RIPPD-VALLEY DEFENDER 7036 | USA 74112967 | | | C | | | |
| RIPPD-VALLEY DEFENDER 7130 | USA 74113061 | | | | | | |
| RIPPD-VALLEY DEFENDER 7198 | 840003125604547 | | | C | | | |
| RIPPD-VALLEY DEFENDER 7212 | 840003125604611 | | | | | | |
| RIPPD-VALLEY DEFENDER 7245 | 840003125604670 | | | | | | |
| RIPPD-VALLEY DIE-HARD 5444 | USA 70217217 | | | | | | |
| RIPPD-VALLEY DISTINCT 6954 | USA 73380774 | | | | | | |
| RIPPD-VALLEY DISTINCT 7072 | USA 74113003 | | | | | | |
| RIPPD-VALLEY DISTINCT 7235 | 840003125604660 | | | | | | |
| RIPPD-VALLEY DISTINCT 7246 | 840003125604671 | | | | | | |
| RIPPD-VALLEY DISTINCT 7279 | 840003125604704 | | | | | | |
| RIPPD-VALLEY DISTINCT 7293 | 840003125604720 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5644 | USA 70882048 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5730 | USA 70882134 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5776 | USA 70882180 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5803 | USA 70882207 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5825 | USA 70882229 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5886 | USA 70882290 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5895 | USA 70882299 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5896 | USA 70882300 | | | | | | |
| RIPPD-VALLEY DOBERMAN 5960 | USA 70882364 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6027 | USA 71786503 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6061 | USA 71786537 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6082 | USA 71786558 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6119 | USA 71786595 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6142 | USA 71786618 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6145 | USA 71786621 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6197 | USA 71786673 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6203 | USA 71786679 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6210 | USA 71786686 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6223 | USA 71786699 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6251 | USA 71786727 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY DOBERMAN 6301 | USA 72597075 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6329 | USA 72597103 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6334 | USA 72597108 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6347 | USA 72597121 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6359 | USA 72597133 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6372 | USA 72597146 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6394 | USA 72597168 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6404 | USA 72597178 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6461 | USA 72597235 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6465 | USA 72597239 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6478 | USA 72597252 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6495 | USA 72597269 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6523 | USA 72597297 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6528 | USA 72597302 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6567 | USA 72597341 | | | | | C | |
| RIPPD-VALLEY DOBERMAN 6573 | USA 72597347 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6602 | USA 72597376 | C | | | | | |
| RIPPD-VALLEY DOBERMAN 6612 | USA 72597386 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6691 | USA 72597465 | C | | | | | |
| RIPPD-VALLEY DOBERMAN 6692 | USA 72597466 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6719 | USA 73380539 | C | | | | | |
| RIPPD-VALLEY DOBERMAN 6723 | USA 73380543 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6741 | USA 73380561 | | | | | | |
| RIPPD-VALLEY DOBERMAN 6911 | USA 73380731 | | | | | | |
| RIPPD-VALLEY DOBRMN 6940-TW | USA 73380760 | | | | | | |
| RIPPD-VALLEY DOBRMN 6941-TW | USA 73380761 | | | | | | |
| RIPPD-VALLEY DONATELLO 7326 | 840003130324775 | | | | | | |
| RIPPD-VALLEY DONATELLO 7382 | 840003130324831 | | | | | | |
| RIPPD-VALLEY DONATELLO 7398 | 840003130324847 | | | | | | |
| RIPPD-VALLEY DONATELLO 7462 | 840003130324911 | | | | | | |
| RIPPD-VALLEY DONATELLO 7501 | 840003130324950 | | | | | | |
| RIPPD-VALLEY DORCY 4581 | USA 68673047 | | | | | | |
| RIPPD-VALLEY DORCY 6565 | USA 72597339 | | | | | | |
| RIPPD-VALLEY DORCY 6601 | USA 72597375 | | | | | | |
| RIPPD-VALLEY DORCY 6618 | USA 72597392 | | | | | | |
| RIPPD-VALLEY DORCY 6631 | USA 72597405 | | | C | | | |
| RIPPD-VALLEY DORCY 6636 | USA 72597410 | | | | | | |
| RIPPD-VALLEY DORCY 6667 | USA 72597441 | | | | | | |
| RIPPD-VALLEY DORCY 6674 | USA 72597448 | | | C | | | |
| RIPPD-VALLEY DORCY 6716 | USA 73380536 | | | | | C | |
| RIPPD-VALLEY DORCY 6724 | USA 73380544 | | | | | | |
| RIPPD-VALLEY DORCY 6732 | USA 73380552 | | | | | | |
| RIPPD-VALLEY DORCY 6737 | USA 73380557 | | | | | | |
| RIPPD-VALLEY DORCY 6740 | USA 73380560 | | | | | | |
| RIPPD-VALLEY DORCY 6800 | USA 73380620 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY DORCY 6831 | USA 73380651 | | | | | | |
| RIPPD-VALLEY DORCY 6837 | USA 73380657 | | | | | | |
| RIPPD-VALLEY DORCY 6859 | USA 73380679 | | | | | | |
| RIPPD-VALLEY DORCY 6866 | USA 73380686 | | | | | | |
| RIPPD-VALLEY DORCY 6870 | USA 73380690 | | | | | | |
| RIPPD-VALLEY DORCY 6878 | USA 73380698 | | | | | | |
| RIPPD-VALLEY DORCY 6898 | USA 73380718 | | | | | | |
| RIPPD-VALLEY DORCY 6916 | USA 73380736 | | | | | | |
| RIPPD-VALLEY DORCY 6944 | USA 73380764 | | | | | | |
| RIPPD-VALLEY DORCY 6965 | USA 73380785 | | | | | | |
| RIPPD-VALLEY DORCY 6999 | USA 73380819 | | | | | | |
| RIPPD-VALLEY DORCY 7031 | USA 74112962 | | | | | | |
| RIPPD-VALLEY DORCY 7061 | USA 74112992 | | | | | | |
| RIPPD-VALLEY DORCY 7073 | USA 74113004 | | | | | | |
| RIPPD-VALLEY DORCY 7085 | USA 74113016 | | | | | | |
| RIPPD-VALLEY DORCY 7149 | USA 74113080 | | | | | | |
| RIPPD-VALLEY DORCY 7159 | USA 74113090 | | | | | | |
| RIPPD-VALLEY DORCY 7180 | 840003125604354 | | | | | | |
| RIPPD-VALLEY DORCY 7203 | 840003125604552 | | | | | | |
| RIPPD-VALLEY DORCY 7216 | USA 74113147 | | | | | | |
| RIPPD-VALLEY DORCY 7221 | USA 74113152 | | | | | | |
| RIPPD-VALLEY DORCY 7230 | USA 74113161 | | | | | | |
| RIPPD-VALLEY DORCY 7282 | 840003125604707 | | | | | | |
| RIPPD-VALLEY DORCY 7348 | 840003130324797 | | | | | | |
| RIPPD-VALLEY DORCY 7353 | 840003130324802 | | | | | | |
| RIPPD-VALLEY DORCY 7359 | 840003130324808 | | | | | | |
| RIPPD-VALLEY DOVER 5629 | USA 70882033 | | | | | | |
| RIPPD-VALLEY DOVER 5989 | USA 70882393 | | | | | | |
| RIPPD-VALLEY DREAMWEAV 7261 | 840003125604686 | | | | | | |
| RIPPD-VALLEY DREAMWEAV 7460 | 840003130324909 | | | | | | |
| RIPPD-VALLEY DREAMWEAVE7338 | 840003130324787 | | | | | | |
| RIPPD-VALLEY DRMWVR 7276-ET | 840003125604701 | | | | | | |
| RIPPD-VALLEY DUNCAN 7433 | 840003130324882 | | | | | | |
| RIPPD-VALLEY EPIC 7609 | 840003130325058 | | | | | | |
| RIPPD-VALLEY EPIC 7661 | 840003130325110 | | | | C | | |
| RIPPD-VALLEY EPIC 7671 | 840003130325120 | | | | | | |
| RIPPD-VALLEY EPIC 7694 | 840003130325143 | | | | | | |
| RIPPD-VALLEY EPIC 7708 | 840003130325157 | | | | | | |
| RIPPD-VALLEY FANTASMIC 7337 | 840003130324786 | | | | | | |
| RIPPD-VALLEY FRDDIE 7413-TW | 840003130324862 | | | C | | | |
| RIPPD-VALLEY FREDDIE 7400 | 840003130324849 | | | | | | |
| RIPPD-VALLEY FREDDIE 7437 | 840003130324886 | | | | | | |
| RIPPD-VALLEY FREDDIE 7439 | 840003130324888 | | | | | | |
| RIPPD-VALLEY FREDDIE 7443 | 840003130324892 | | | | | | |
| RIPPD-VALLEY FREDDIE 7587 | 840003130325036 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY G W ATWOD 6676 | USA 72597450 | | | | | | |
| RIPPD-VALLEY GABOR 5408 | USA 70217181 | | | | | | |
| RIPPD-VALLEY GABOR 5446 | USA 70217219 | | | | | | |
| RIPPD-VALLEY GABOR 5969 | USA 70882373 | | | | | | |
| RIPPD-VALLEY GABOR 6408 | USA 72597182 | | | | | | |
| RIPPD-VALLEY GABOR 6455 | USA 72597229 | | | | | | |
| RIPPD-VALLEY GABOR 6477 | USA 72597251 | | | | | | |
| RIPPD-VALLEY GABOR 6479 | USA 72597253 | | | | | | |
| RIPPD-VALLEY GABOR 6489 | USA 72597263 | | | | | | |
| RIPPD-VALLEY GABOR 6531 | USA 72597305 | | | | | | |
| RIPPD-VALLEY GABOR 6613 | USA 72597387 | | | | | | |
| RIPPD-VALLEY GABOR 6797 | USA 73380617 | | | | | | |
| RIPPD-VALLEY GABOR 6849 | USA 73380669 | | | | | | |
| RIPPD-VALLEY GABOR 6855 | USA 73380675 | | | | | | |
| RIPPD-VALLEY GABOR 6885 | USA 73380705 | | | | | | |
| RIPPD-VALLEY GABOR 6887 | USA 73380707 | | | | | | |
| RIPPD-VALLEY GABOR 6902 | USA 73380722 | C | | | | | |
| RIPPD-VALLEY GABOR 6909 | USA 73380729 | | | | | | |
| RIPPD-VALLEY GABOR 6929 | USA 73380749 | | | | | | |
| RIPPD-VALLEY GABOR 6967 | USA 73380787 | | | | | | |
| RIPPD-VALLEY GABOR 7155 | USA 74113086 | | | | | | |
| RIPPD-VALLEY GABOR 7395 | 840003130324844 | | | | | | |
| RIPPD-VALLEY GALAXY 6816 | USA 73380636 | | | | | | |
| RIPPD-VALLEY GALAXY 7023-ET | USA 74112954 | | | | | | |
| RIPPD-VALLEY GALLON 7241 | 840003125604666 | | | | | | |
| RIPPD-VALLEY GALLON 7297 | 840003125604723 | | | | | | |
| RIPPD-VALLEY GARETT 6035-TW | USA 71786511 | | | C | | | |
| RIPPD-VALLEY GARETT 6036-TW | USA 71786512 | | | | | | |
| RIPPD-VALLEY GARMAN 5760 | USA 70882164 | | | | | | |
| RIPPD-VALLEY GARMAN 5770 | USA 70882174 | | | | | | |
| RIPPD-VALLEY GARMAN 5852 | USA 70882256 | | | | | | |
| RIPPD-VALLEY GARMAN 5892 | USA 70882296 | | | | | | |
| RIPPD-VALLEY GARMAN 5930 | USA 70882334 | C | | | | | |
| RIPPD-VALLEY GARMAN 5947 | USA 70882351 | | | | | | |
| RIPPD-VALLEY GARMAN 5996 | USA 70882400 | | | | | | |
| RIPPD-VALLEY GARMAN 6016 | USA 71786492 | | | | | | |
| RIPPD-VALLEY GARMAN 6056 | USA 71786532 | | | | | | |
| RIPPD-VALLEY GARMAN 6098 | USA 71786574 | | | | | | |
| RIPPD-VALLEY GARMAN 6118 | USA 71786594 | | | | | | |
| RIPPD-VALLEY GARMAN 6155 | USA 71786631 | | | | | | |
| RIPPD-VALLEY GARMAN 6208 | USA 71786684 | | | | | | |
| RIPPD-VALLEY GARRETT 5211 | USA 70216984 | | | | | | |
| RIPPD-VALLEY GARRETT 5228 | USA 70217001 | | | | | | |
| RIPPD-VALLEY GARRETT 5250 | USA 70217023 | | | | | | |
| RIPPD-VALLEY GARRETT 5324 | USA 70217097 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GARRETT 5338 | USA 70217111 | | | | | | |
| RIPPD-VALLEY GARRETT 5456 | USA 70217229 | | | | | | |
| RIPPD-VALLEY GARRETT 5484 | USA 70217257 | | | | | | |
| RIPPD-VALLEY GARRETT 5529 | USA 70881933 | | | | | | |
| RIPPD-VALLEY GARRETT 5596 | USA 70882000 | | | | | | |
| RIPPD-VALLEY GARRETT 5633 | USA 70882037 | | | | | | |
| RIPPD-VALLEY GARRETT 5639 | USA 70882043 | | | | | | |
| RIPPD-VALLEY GARRETT 5642 | USA 70882046 | | | | | | |
| RIPPD-VALLEY GARRETT 5657 | USA 70882061 | | | | | | |
| RIPPD-VALLEY GARRETT 5815 | USA 70882219 | | | | | | |
| RIPPD-VALLEY GARRETT 5913 | USA 70882317 | | | | | C | |
| RIPPD-VALLEY GARRETT 5953 | USA 70882357 | | | | | | |
| RIPPD-VALLEY GARRETT 5957 | USA 70882361 | | | | | | |
| RIPPD-VALLEY GARRETT 5964 | USA 70882368 | | | | | | |
| RIPPD-VALLEY GARRETT 5972 | USA 70882376 | | | | | | |
| RIPPD-VALLEY GARRETT 6005 | USA 71786481 | | | | | | |
| RIPPD-VALLEY GARRETT 6007 | USA 71786483 | | | | | | |
| RIPPD-VALLEY GARRETT 6095 | USA 71786571 | | | | | | |
| RIPPD-VALLEY GARRETT 6110 | USA 71786586 | | | | | | |
| RIPPD-VALLEY GARRETT 6140 | USA 71786616 | | | | | | |
| RIPPD-VALLEY GARRETT 6151 | USA 71786627 | | | | | C | |
| RIPPD-VALLEY GARRETT 6166 | USA 71786642 | | | | | | |
| RIPPD-VALLEY GARRETT 6172 | USA 71786648 | | | | | | |
| RIPPD-VALLEY GARRETT 6179 | USA 71786655 | | | | | | |
| RIPPD-VALLEY GARRETT 6189 | USA 71786665 | | | | | | |
| RIPPD-VALLEY GARRETT 6190 | USA 71786666 | | | | | | |
| RIPPD-VALLEY GARRETT 6200 | USA 71786676 | | | | | | |
| RIPPD-VALLEY GARRETT 6205 | USA 71786681 | | | | | | |
| RIPPD-VALLEY GARRETT 6221 | USA 71786697 | | | | | | |
| RIPPD-VALLEY GARRETT 6230 | USA 71786706 | | | | | | |
| RIPPD-VALLEY GARRETT 6231 | USA 71786707 | | | | | | |
| RIPPD-VALLEY GARRETT 6232 | USA 71786708 | | C | | | | |
| RIPPD-VALLEY GARRETT 6261 | USA 71786737 | | | | | C | |
| RIPPD-VALLEY GARRETT 6299 | USA 71786775 | | | | | | |
| RIPPD-VALLEY GARRETT 6327 | USA 72597101 | | | | | | |
| RIPPD-VALLEY GARRETT 6358 | USA 72597132 | | | | | | |
| RIPPD-VALLEY GARRETT 6384 | USA 72597158 | | | | | | |
| RIPPD-VALLEY GARRETT 6387 | USA 72597161 | | | | | | |
| RIPPD-VALLEY GARRETT 6417 | USA 72597191 | | | | | | |
| RIPPD-VALLEY GARRETT 6450 | USA 72597224 | | | | | | |
| RIPPD-VALLEY GARRETT 6451 | USA 72597225 | | | | | | |
| RIPPD-VALLEY GARRETT 6462 | USA 72597236 | | | | | | |
| RIPPD-VALLEY GARRETT 6468 | USA 72597242 | | | | | | |
| RIPPD-VALLEY GARRETT 6475 | USA 72597249 | | | | | | |
| RIPPD-VALLEY GARRETT 6480 | USA 72597254 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GARRETT 6488 | USA 72597262 | | | | | | |
| RIPPD-VALLEY GARRETT 6498 | USA 72597272 | | | | | | |
| RIPPD-VALLEY GARRETT 6514 | USA 72597288 | | | | | | |
| RIPPD-VALLEY GARRETT 6527 | USA 72597301 | | | | | | |
| RIPPD-VALLEY GARRETT 6530 | USA 72597304 | | | | | | |
| RIPPD-VALLEY GARRETT 6541 | USA 72597315 | | | | | | |
| RIPPD-VALLEY GARRETT 6558 | USA 72597332 | | | | | | |
| RIPPD-VALLEY GARRETT 6559 | USA 72597333 | | | | | | |
| RIPPD-VALLEY GARRETT 6568 | USA 72597342 | | | | | | |
| RIPPD-VALLEY GARRETT 6582 | USA 72597356 | | | | | | |
| RIPPD-VALLEY GARRETT 6583 | USA 72597357 | | | | | | |
| RIPPD-VALLEY GARRETT 6585 | USA 72597359 | | | | | | |
| RIPPD-VALLEY GARRETT 6588 | USA 72597362 | | | | | | |
| RIPPD-VALLEY GARRETT 6621 | USA 72597395 | | | | | | |
| RIPPD-VALLEY GARRETT 6664 | USA 72597438 | | | | | | |
| RIPPD-VALLEY GARRETT 6668 | USA 72597442 | | | | | | |
| RIPPD-VALLEY GARRETT 6751 | USA 73380571 | | | | | | |
| RIPPD-VALLEY GARRETT 6757 | USA 73380577 | | | | | | |
| RIPPD-VALLEY GARRETT 6772 | USA 73380592 | | | | | | |
| RIPPD-VALLEY GARRETT 6838 | USA 73380658 | | | | | | |
| RIPPD-VALLEY GARRETT 6937 | USA 73380757 | | | | | | |
| RIPPD-VALLEY GARRETT 6991 | USA 73380811 | | | | | | |
| RIPPD-VALLEY GARRETT 7051 | USA 74112982 | | | | | | |
| RIPPD-VALLEY GARRETT 7053 | USA 74112984 | | | | | | |
| RIPPD-VALLEY GARRETT 7132 | USA 74113063 | | | | | | |
| RIPPD-VALLEY GARRETT 7133 | USA 74113064 | | | | | | |
| RIPPD-VALLEY GARRETT 7242 | 840003125604667 | | | | | | |
| RIPPD-VALLEY GARRETT 7264 | 840003125604689 | | | | | | |
| RIPPD-VALLEY GARRETT 7347 | 840003130324796 | | | | | | |
| RIPPD-VALLEY GARRETT 7365 | 840003130324814 | | | | | | |
| RIPPD-VALLEY GARRETT 7384 | 840003130324833 | | | | | | |
| RIPPD-VALLEY GARRETT 7399 | 840003130324848 | | | | | | |
| RIPPD-VALLEY GARRETT 7436 | 840003130324885 | | | | | | |
| RIPPD-VALLEY GARRETT 7456 | 840003130324905 | | | | | | |
| RIPPD-VALLEY GARRETT 7540 | 840003130324989 | | | | | | |
| RIPPD-VALLEY GARRETT 7547 | 840003130324996 | | | | | | |
| RIPPD-VALLEY GARRETT 7581 | 840003130325030 | | | | | | |
| RIPPD-VALLEY GARRETT 7637 | 840003130325086 | | | | | | |
| RIPPD-VALLEY GARRETT 7669 | 840003130325118 | | | | | | |
| RIPPD-VALLEY GARRETT 7702 | 840003130325151 | | | | | | |
| RIPPD-VALLEY GARTHAY 6086 | USA 71786562 | | | | | | |
| RIPPD-VALLEY GAVIN 6362 | USA 72597136 | | | | | C | |
| RIPPD-VALLEY GAVIN 6388 | USA 72597162 | | | | | C | |
| RIPPD-VALLEY GAVIN 6392 | USA 72597166 | | | | | | |
| RIPPD-VALLEY GAVIN 6414 | USA 72597188 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GAVIN 6431 | USA 72597205 | | | | | | |
| RIPPD-VALLEY GAVIN 6433 | USA 72597207 | | | | | C | |
| RIPPD-VALLEY GAVIN 6456 | USA 72597230 | | | | | C | |
| RIPPD-VALLEY GAVIN 6486-TW | USA 72597260 | C | | | | | |
| RIPPD-VALLEY GAVIN 6487-TW | USA 72597261 | | | | | | |
| RIPPD-VALLEY GAVIN 6503 | USA 72597277 | | | C | | C | |
| RIPPD-VALLEY GAVIN 6525 | USA 72597299 | | | | | | |
| RIPPD-VALLEY GAVIN 6575 | USA 72597349 | | | | | C | |
| RIPPD-VALLEY GAVIN 6578 | USA 72597352 | C | | | | C | |
| RIPPD-VALLEY GAVIN 6590 | USA 72597364 | | | | | C | |
| RIPPD-VALLEY GAVIN 6700 | USA 72597474 | | | | | | |
| RIPPD-VALLEY GAVIN 6702 | USA 73380522 | | | | | | |
| RIPPD-VALLEY GAVIN 6711 | USA 73380531 | | | | | C | |
| RIPPD-VALLEY GAVIN 6714 | USA 73380534 | | | C | | | |
| RIPPD-VALLEY GENOM 6767 | USA 73380587 | | | | | | |
| RIPPD-VALLEY GENOM 6779 | USA 73380599 | | | | | | |
| RIPPD-VALLEY GENOM 6794 | USA 73380614 | | | | | | |
| RIPPD-VALLEY GENOM 6807 | USA 73380627 | | | | | | |
| RIPPD-VALLEY GENOM 6811 | USA 73380631 | | | C | | | |
| RIPPD-VALLEY GENOM 6901 | USA 73380721 | | | | | | |
| RIPPD-VALLEY GENOM 6942 | USA 73380762 | | | | | | |
| RIPPD-VALLEY GERARD 5193 | USA 69618005 | | | | | | |
| RIPPD-VALLEY GERARD 5231 | USA 70217004 | | | | | C | |
| RIPPD-VALLEY GERARD 5298 | USA 70217071 | | | | | | |
| RIPPD-VALLEY GERARD 5381 | USA 70217154 | | | | | | |
| RIPPD-VALLEY GERARD 5405 | USA 70217178 | | | | | | |
| RIPPD-VALLEY GERARD 5436 | USA 70217209 | C | | | | | |
| RIPPD-VALLEY GERARD 5584 | USA 70881988 | | | | | | |
| RIPPD-VALLEY GERARD 5638 | USA 70882042 | | | | | | |
| RIPPD-VALLEY GERARD 5687 | USA 70882091 | | | | | | |
| RIPPD-VALLEY GERARD 5717 | USA 70882121 | | | | | | |
| RIPPD-VALLEY GERARD 5728 | USA 70882132 | | | | | C | |
| RIPPD-VALLEY GERARD 5744 | USA 70882148 | | | | | | |
| RIPPD-VALLEY GERARD 5753 | USA 70882157 | | | | | | |
| RIPPD-VALLEY GERARD 5767 | USA 70882171 | | | | | | |
| RIPPD-VALLEY GERARD 5778 | USA 70882182 | | | | | | |
| RIPPD-VALLEY GERARD 5788 | USA 70882192 | | | | | | |
| RIPPD-VALLEY GERARD 5789 | USA 70882193 | | | | | | |
| RIPPD-VALLEY GERARD 5857 | USA 70882261 | | | | | | |
| RIPPD-VALLEY GERARD 5900 | USA 70882304 | | | | | | |
| RIPPD-VALLEY GERARD 5905 | USA 70882309 | | | | | C | |
| RIPPD-VALLEY GERARD 5908 | USA 70882312 | | | | | | |
| RIPPD-VALLEY GERARD 5916 | USA 70882320 | | | | | | |
| RIPPD-VALLEY GERARD 5921 | USA 70882325 | | | | | | |
| RIPPD-VALLEY GERARD 5977 | USA 70882381 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GERARD 6028 | USA 71786504 | | | | | | |
| RIPPD-VALLEY GERARD 6033 | USA 71786509 | | | | | | |
| RIPPD-VALLEY GERARD 6094 | USA 71786570 | | | | | | |
| RIPPD-VALLEY GERARD 6102 | USA 71786578 | C | | | | | |
| RIPPD-VALLEY GERARD 6108 | USA 71786584 | | | | | | |
| RIPPD-VALLEY GERARD 6162 | USA 71786638 | | | | | | |
| RIPPD-VALLEY GERARD 6163 | USA 71786639 | | | | | | |
| RIPPD-VALLEY GERARD 6182 | USA 71786658 | | | | | | |
| RIPPD-VALLEY GERARD 6219 | USA 71786695 | | | | | | |
| RIPPD-VALLEY GERARD 6229 | USA 71786705 | | | | | | |
| RIPPD-VALLEY GERARD 6234 | USA 71786710 | | | | | | |
| RIPPD-VALLEY GERARD 6255 | USA 71786731 | | | | | | |
| RIPPD-VALLEY GERARD 6271 | USA 71786747 | | | | | | |
| RIPPD-VALLEY GERARD 6273 | USA 71786749 | | | | | | |
| RIPPD-VALLEY GERARD 6291 | USA 71786767 | | | | | | |
| RIPPD-VALLEY GERARD 6311 | USA 72597085 | | | | | | |
| RIPPD-VALLEY GERARD 6370 | USA 72597144 | | | | | | |
| RIPPD-VALLEY GERARD 6432 | USA 72597206 | | | | | | |
| RIPPD-VALLEY GERARD 6463 | USA 72597237 | | | | | | |
| RIPPD-VALLEY GERARD 6483 | USA 72597257 | | | | | | |
| RIPPD-VALLEY GERARD 6494 | USA 72597268 | | | | | | |
| RIPPD-VALLEY GERARD 6516 | USA 72597290 | | | | | | |
| RIPPD-VALLEY GERARD 6538 | USA 72597312 | | | | | | |
| RIPPD-VALLEY GERARD 6593 | USA 72597367 | | | | | | |
| RIPPD-VALLEY GERARD 6634 | USA 72597408 | | | | | | |
| RIPPD-VALLEY GERARD 6766 | USA 73380586 | | | | | | |
| RIPPD-VALLEY GERARD 6796 | USA 73380616 | | | | | | |
| RIPPD-VALLEY GERARD 6820 | USA 73380640 | | | | | | |
| RIPPD-VALLEY GERARD 6839 | USA 73380659 | | | | | | |
| RIPPD-VALLEY GERARD 6875 | USA 73380695 | | | | | | |
| RIPPD-VALLEY GERARD 7028 | USA 74112959 | | | | | | |
| RIPPD-VALLEY GERARD 7161 | USA 74113092 | | | | | | |
| RIPPD-VALLEY GERARD 7183 | 840003125604357 | | | | | | |
| RIPPD-VALLEY GERARD 7207 | 840003125604556 | | | | | | |
| RIPPD-VALLEY GERARD 7286 | 840003125604711 | | | | | | |
| RIPPD-VALLEY GERARD 7302 | 840003130324751 | | | | | | |
| RIPPD-VALLEY GERARD 7321 | 840003130324770 | | | | | | |
| RIPPD-VALLEY GERARD 7327 | 840003130324776 | | | | | | |
| RIPPD-VALLEY GERARD 7383 | 840003130324832 | | | | | | |
| RIPPD-VALLEY GERARD 7424 | 840003130324873 | | | | | | |
| RIPPD-VALLEY GERARD 7550 | 840003130324999 | | | | | | |
| RIPPD-VALLEY GERARD 7703 | 840003130325152 | | | | | | |
| RIPPD-VALLEY GERWYN 7385 | 840003130324834 | | | | | | |
| RIPPD-VALLEY GERWYN 7393 | 840003130324842 | | | | | | |
| RIPPD-VALLEY GERWYN 7397 | 840003130324846 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GERWYN 7402 | 840003130324851 | | | | | | 3 |
| RIPPD-VALLEY GERWYN 7404 | 840003130324853 | | | | | | |
| RIPPD-VALLEY GERWYN 7422 | 840003130324871 | | | | | | |
| RIPPD-VALLEY GERWYN 7452 | 840003130324901 | | | | | | |
| RIPPD-VALLEY GERWYN 7454 | 840003130324903 | | | | | | |
| RIPPD-VALLEY GERWYN 7455 | 840003130324904 | | | | | | |
| RIPPD-VALLEY GERWYN 7458 | 840003130324907 | | | | | | |
| RIPPD-VALLEY GERWYN 7474 | 840003130324923 | | | | | | |
| RIPPD-VALLEY GERWYN 7487 | 840003130324936 | | | | | | |
| RIPPD-VALLEY GERWYN 7491 | 840003130324940 | | | | | | |
| RIPPD-VALLEY GERWYN 7512 | 840003130324961 | | | C | | | |
| RIPPD-VALLEY GERWYN 7525 | 840003130324974 | | | | | | |
| RIPPD-VALLEY GERWYN 7530 | 840003130324979 | | | | | | |
| RIPPD-VALLEY GERWYN 7558 | 840003130325007 | | | | | | |
| RIPPD-VALLEY GERWYN 7578 | 840003130325027 | | | | | | |
| RIPPD-VALLEY GERWYN 7583 | 840003130325032 | | | | | | |
| RIPPD-VALLEY GERWYN 7598 | 840003130325047 | | | | | | |
| RIPPD-VALLEY GERWYN 7601 | 840003130325050 | | | | | | |
| RIPPD-VALLEY GERWYN 7629 | 840003130325078 | | | | | | |
| RIPPD-VALLEY GERWYN 7683 | 840003130325132 | | | | | | |
| RIPPD-VALLEY GERWYN 7693 | 840003130325142 | | | | | | |
| RIPPD-VALLEY GERWYN 7711 | 840003130325160 | | | | | | |
| RIPPD-VALLEY GILLES 4497-TW | USA 66547251 | | | | | | |
| RIPPD-VALLEY GILLESPY 6368 | USA 72597142 | | | | | | |
| RIPPD-VALLEY GILSPY 6365-ET | USA 72597139 | | | | | | |
| RIPPD-VALLEY GOLDENBOY 5668 | USA 70882072 | | | | | | 3 |
| RIPPD-VALLEY GOLDENBOY 5677 | USA 70882081 | | | | | | |
| RIPPD-VALLEY GOLDENBOY 5843 | USA 70882247 | | | | | | 3 |
| RIPPD-VALLEY GOSSAMER 6564 | USA 72597338 | | | | | | |
| RIPPD-VALLEY GRAFEETI 7366 | 840003130324815 | | | | | | 3 |
| RIPPD-VALLEY GRAFEETI 7448 | 840003130324897 | | | | | | 1 |
| RIPPD-VALLEY GRAFEETI 7493 | 840003130324942 | | | | | | |
| RIPPD-VALLEY GRAFEETI 7561 | 840003130325010 | | | | | | 1 |
| RIPPD-VALLEY GRAFEETI 7565 | 840003130325014 | | | | | | 1 |
| RIPPD-VALLEY GRAFEETI 7600 | 840003130325049 | | | | | | 1 |
| RIPPD-VALLEY GRAFEETI 7685 | 840003130325134 | | C | | | | 1 |
| RIPPD-VALLEY GRAFEETI 7686 | 840003130325135 | | | | | | 1 |
| RIPPD-VALLEY GREENBAY 7205 | 840003125604554 | | | | | | |
| RIPPD-VALLEY GREGAR 7575 | 840003130325024 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6053 | USA 71786529 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6186 | USA 71786662 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6212 | USA 71786688 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6264 | USA 71786740 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6333 | USA 72597107 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6413 | USA 72597187 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY GUTHRIE 6542 | USA 72597316 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6554 | USA 72597328 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6581 | USA 72597355 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6623 | USA 72597397 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6650 | USA 72597424 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6651 | USA 72597425 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6652 | USA 72597426 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6670 | USA 72597444 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6683 | USA 72597457 | | | C | | | |
| RIPPD-VALLEY GUTHRIE 6715 | USA 73380535 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6735 | USA 73380555 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6747 | USA 73380567 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6775 | USA 73380595 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6780 | USA 73380600 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6784 | USA 73380604 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6934 | USA 73380754 | | C | | | | |
| RIPPD-VALLEY GUTHRIE 6945 | USA 73380765 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6949 | USA 73380769 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6951 | USA 73380771 | | | | | | |
| RIPPD-VALLEY GUTHRIE 6995 | USA 73380815 | | | | | | |
| RIPPD-VALLEY GW ATWOOD 6574 | USA 72597348 | | | | | | |
| RIPPD-VALLEY GWATWOOD 6625 | USA 72597399 | | | | | | |
| RIPPD-VALLEY GWEEDO 7381 | 840003130324830 | | | | | | |
| RIPPD-VALLEY HALOGEN 7137 | USA 74113068 | | | | | | |
| RIPPD-VALLEY HALOGEN 7506 | 840003130324955 | | | | | | |
| RIPPD-VALLEY HALOGEN 7538 | 840003130324987 | | | | | | |
| RIPPD-VALLEY HALOGEN 7689 | 840003130325138 | | | | | | |
| RIPPD-VALLEY HALOGN-7075-ET | USA 74113006 | | | | | | |
| RIPPD-VALLEY HAYDEN 5051 | USA 69617863 | | | | | | |
| RIPPD-VALLEY HEADLINER 6790 | USA 73380610 | | | | | | |
| RIPPD-VALLEY HEINEKEN 5975 | USA 70882379 | | | | | | |
| RIPPD-VALLEY HEZTRY 6422 | USA 72597196 | | | | | | 3 |
| RIPPD-VALLEY HEZTRY 6439 | USA 72597213 | C | | | | | 3 |
| RIPPD-VALLEY HIST 7224-T-TW | USA 74113155 | | | | C | | |
| RIPPD-VALLEY HISTORY 6633 | USA 72597407 | | | | | | |
| RIPPD-VALLEY HISTORY 6639 | USA 72597413 | | | | C | | |
| RIPPD-VALLEY HISTORY 6647 | USA 72597421 | | | | | | |
| RIPPD-VALLEY HISTORY 6660 | USA 72597434 | | | | | | |
| RIPPD-VALLEY HISTORY 6663 | USA 72597437 | | | | | | |
| RIPPD-VALLEY HISTORY 6680 | USA 72597454 | | | | C | | |
| RIPPD-VALLEY HISTORY 6744 | USA 73380564 | | | | C | | |
| RIPPD-VALLEY HISTORY 6754 | USA 73380574 | | | | C | | |
| RIPPD-VALLEY HISTORY 6758 | USA 73380578 | | | | | | |
| RIPPD-VALLEY HISTORY 6876 | USA 73380696 | | | | C | | |
| RIPPD-VALLEY HISTORY 6882 | USA 73380702 | | | | C | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY HISTORY 6903 | USA 73380723 | | | | | | |
| RIPPD-VALLEY HISTORY 6910 | USA 73380730 | | | | C | | |
| RIPPD-VALLEY HISTORY 6947 | USA 73380767 | | | | | | |
| RIPPD-VALLEY HISTORY 6950 | USA 73380770 | | | | | | |
| RIPPD-VALLEY HISTORY 6953 | USA 73380773 | | | | | | |
| RIPPD-VALLEY HISTORY 7021 | USA 74112952 | | | | C | | |
| RIPPD-VALLEY HISTORY 7043 | USA 74112974 | | | | | | |
| RIPPD-VALLEY HISTORY 7054 | USA 74112985 | | | | C | | |
| RIPPD-VALLEY HISTORY 7064 | USA 74112995 | | | | | | |
| RIPPD-VALLEY HISTORY 7071 | USA 74113002 | | | | | | |
| RIPPD-VALLEY HISTORY 7086 | USA 74113017 | | | | | | |
| RIPPD-VALLEY HISTORY 7136 | USA 74113067 | | | | | | |
| RIPPD-VALLEY HISTORY 7146 | USA 74113077 | | | | C | | |
| RIPPD-VALLEY HISTORY 7150 | USA 74113081 | | | | | | |
| RIPPD-VALLEY HISTORY 7173 | 840003125604347 | | | | | | |
| RIPPD-VALLEY HISTORY 7197 | 840003125604546 | | | | | | |
| RIPPD-VALLEY HISTORY 7200 | 840003125604549 | | | | | | |
| RIPPD-VALLEY HISTORY 7222 | USA 74113153 | | | | | | |
| RIPPD-VALLEY HISTORY 7259 | 840003125604684 | | | | | | |
| RIPPD-VALLEY HISTORY 7290 | 840003125604716 | | | | | | |
| RIPPD-VALLEY HISTORY 7296 | 840003125604719 | | | C | C | | |
| RIPPD-VALLEY HISTORY 7298 | 840003125604724 | | | | | | |
| RIPPD-VALLEY HISTORY 7309 | 840003130324758 | | | | | | |
| RIPPD-VALLEY HISTORY 7344 | 840003130324793 | | | | | | |
| RIPPD-VALLEY HISTORY 7346 | 840003130324795 | | | | | | |
| RIPPD-VALLEY HISTORY 7354 | 840003130324803 | | | C | C | | |
| RIPPD-VALLEY HISTORY 7375 | 840003130324824 | | | | | | |
| RIPPD-VALLEY HISTORY 7394 | 840003130324843 | | | | | | |
| RIPPD-VALLEY HISTORY 7432 | 840003130324881 | | | | | | |
| RIPPD-VALLEY HISTORY 7435 | 840003130324884 | | | | C | | |
| RIPPD-VALLEY HISTORY 7470 | 840003130324919 | | | | | | |
| RIPPD-VALLEY HISTORY 7496 | 840003130324945 | | | | C | | |
| RIPPD-VALLEY HISTORY 7511 | 840003130324960 | | | | | | |
| RIPPD-VALLEY HISTORY 7515 | 840003130324964 | | | | C | | |
| RIPPD-VALLEY HISTORY 7521 | 840003130324970 | | | | | | |
| RIPPD-VALLEY HISTRY 6770-TW | USA 73380590 | | | | | | |
| RIPPD-VALLEY HISTRY 6771-TW | USA 73380591 | | | | | | |
| RIPPD-VALLEY HOMESTEAD 5882 | USA 70882286 | | | | | | |
| RIPPD-VALLEY HOWARD 5987 | USA 70882391 | | | | | | |
| RIPPD-VALLEY HOWARD 6060 | USA 71786536 | | | | | | |
| RIPPD-VALLEY HOWARD 6596 | USA 72597370 | | | | | | |
| RIPPD-VALLEY HOWARD 6598 | USA 72597372 | | | | | | |
| RIPPD-VALLEY HOWARD 6603 | USA 72597377 | | | | | | |
| RIPPD-VALLEY HOWARD 6619 | USA 72597393 | | | | | | |
| RIPPD-VALLEY HOWARD 6854 | USA 73380674 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY HOWARD 6879 | USA 73380699 | | | | | | |
| RIPPD-VALLEY HOWARD 6891 | USA 73380711 | | | | | C | |
| RIPPD-VALLEY HOWARD 6978 | USA 73380798 | | | | | | |
| RIPPD-VALLEY HOWARD 6984 | USA 73380804 | | | | | | |
| RIPPD-VALLEY HOWARD 6993 | USA 73380813 | | | | | | |
| RIPPD-VALLEY HOWARD 7014 | USA 74112945 | | | | | | |
| RIPPD-VALLEY HOWARD 7034 | USA 74112965 | | | | | | |
| RIPPD-VALLEY HOWARD 7038 | USA 74112969 | | | | | | |
| RIPPD-VALLEY HOWARD 7048 | USA 74112979 | | | | | | |
| RIPPD-VALLEY ICEY 7699 | 840003130325148 | | | | | | |
| RIPPD-VALLEY IDEAL 6792 | USA 73380612 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6196 | USA 71786672 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6244 | USA 71786720 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6278 | USA 71786754 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6305 | USA 72597079 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6310 | USA 72597084 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6325 | USA 72597099 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6326 | USA 72597100 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6330 | USA 72597104 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6360 | USA 72597134 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6373 | USA 72597147 | | | | | C | |
| RIPPD-VALLEY INGENIOUS 6390 | USA 72597164 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6398 | USA 72597172 | | | | | C | |
| RIPPD-VALLEY INGENIOUS 6400 | USA 72597174 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6407 | USA 72597181 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6409 | USA 72597183 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6410 | USA 72597184 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6411 | USA 72597185 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6415 | USA 72597189 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6418 | USA 72597192 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6423 | USA 72597197 | | | | | | 3 |
| RIPPD-VALLEY INGENIOUS 6427 | USA 72597201 | | | | | C | |
| RIPPD-VALLEY INGENIOUS 6429 | USA 72597203 | | | | | C | |
| RIPPD-VALLEY INGENIOUS 6491 | USA 72597265 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6497 | USA 72597271 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6508 | USA 72597282 | | C | | | | |
| RIPPD-VALLEY INGENIOUS 6515 | USA 72597289 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6532 | USA 72597306 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6535 | USA 72597309 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6553 | USA 72597327 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6569 | USA 72597343 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6584 | USA 72597358 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6591 | USA 72597365 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6595 | USA 72597369 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6597 | USA 72597371 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY INGENIOUS 6600 | USA 72597374 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6606 | USA 72597380 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6611 | USA 72597385 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6622 | USA 72597396 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6640 | USA 72597414 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6665 | USA 72597439 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6677 | USA 72597451 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6687 | USA 72597461 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6706 | USA 73380526 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6721 | USA 73380541 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6733 | USA 73380553 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6776 | USA 73380596 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6781 | USA 73380601 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6782 | USA 73380602 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6783 | USA 73380603 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6785 | USA 73380605 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6793 | USA 73380613 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6803 | USA 73380623 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6806 | USA 73380626 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6809 | USA 73380629 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6955 | USA 73380775 | | | | | | |
| RIPPD-VALLEY INGENIOUS 6956 | USA 73380776 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7026 | USA 74112957 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7055 | USA 74112986 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7168 | USA 74113099 | | | | | | 1 |
| RIPPD-VALLEY INGENIOUS 7181 | 840003125604355 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7333 | 840003130324782 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7391 | 840003130324840 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7408 | 840003130324857 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7505 | 840003130324954 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7509 | 840003130324958 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7649 | 840003130325098 | | | | | | |
| RIPPD-VALLEY INGENIOUS 7717 | 840003130325166 | | | | | | |
| RIPPD-VALLEY INNOVA 6556 | USA 72597330 | | | | | | |
| RIPPD-VALLEY INSTINCT 6739 | USA 73380559 | | | | | | |
| RIPPD-VALLEY IOTA 6181 | USA 71786657 | | | | | | |
| RIPPD-VALLEY IOTA 6241 | USA 71786717 | | | | | | |
| RIPPD-VALLEY JACKAL 7640 | 840003130325089 | | | | | | |
| RIPPD-VALLEY JACKPOT 6173 | USA 71786649 | | | | | | |
| RIPPD-VALLEY JACKPOT 6435 | USA 72597209 | | | | | | |
| RIPPD-VALLEY JEEVES 5413 | USA 70217186 | | | | | | |
| RIPPD-VALLEY JEEVES 5690 | USA 70882094 | | | | | | |
| RIPPD-VALLEY JEEVES 5732 | USA 70882136 | | | | | | |
| RIPPD-VALLEY JEEVES 5733 | USA 70882137 | | | | | | |
| RIPPD-VALLEY JEROD 6824 | USA 73380644 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY JET 7319-RED | 840003130324768 | | | | | | |
| RIPPD-VALLEY JIVES 5367 | USA 70217140 | | | | | | |
| RIPPD-VALLEY JUDGEMENT 6552 | USA 72597326 | | | C | | | |
| RIPPD-VALLEY KALIBER 7615 | 840003130325064 | | | | | | |
| RIPPD-VALLEY KEEPSAKE 7186 | 840003125604535 | | | | | | |
| RIPPD-VALLEY KINGBOY 7352 | 840003130324801 | | | C | | | |
| RIPPD-VALLEY KINGBOY 7376 | 840003130324825 | | | | | | |
| RIPPD-VALLEY KINGBOY 7426 | 840003130324875 | | | | | C | |
| RIPPD-VALLEY KINGBOY 7472 | 840003130324921 | C | | | | | |
| RIPPD-VALLEY KINGBOY 7497 | 840003130324946 | | | | | | |
| RIPPD-VALLEY KINGBOY 7562 | 840003130325011 | | | | | | |
| RIPPD-VALLEY KINGBOY 7573 | 840003130325022 | | | | | | |
| RIPPD-VALLEY KINGBOY 7577 | 840003130325026 | | | | | | |
| RIPPD-VALLEY KINGBOY 7625 | 840003130325074 | | | | | | |
| RIPPD-VALLEY KINGBOY 7645 | 840003130325094 | | | | | | |
| RIPPD-VALLEY KINGBOY 7673 | 840003130325122 | | | | | | |
| RIPPD-VALLEY KINGBOY 7677 | 840003130325126 | | | C | | | |
| RIPPD-VALLEY KINGPIN 7273 | 840003125604698 | | | | | | |
| RIPPD-VALLEY KINGPIN 7304 | 840003130324753 | | | | | | |
| RIPPD-VALLEY KINGPIN 7314 | 840003130324763 | | | | | | |
| RIPPD-VALLEY LA-BRON 6662 | USA 72597436 | | | | | | |
| RIPPD-VALLEY LA-BRON 6755 | USA 73380575 | | | | | | |
| RIPPD-VALLEY LA-BRON 7148 | USA 74113079 | | | | | | |
| RIPPD-VALLEY LA-BRON 7182 | 840003125604356 | | C | | | | |
| RIPPD-VALLEY LA-BRON 7184 | 840003125604533 | | | | | | |
| RIPPD-VALLEY LA-BRON 7262 | 840003125604687 | | | | | | |
| RIPPD-VALLEY LA-BRON 7274 | 840003125604699 | | | | | | |
| RIPPD-VALLEY LA-BRON 7277 | 840003125604702 | | | | | | |
| RIPPD-VALLEY LA-BRON 7312 | 840003130324761 | | | | | | |
| RIPPD-VALLEY LA-BRON 7351 | 840003130324800 | | | | | | |
| RIPPD-VALLEY LEVI 5739 | USA 70882143 | | | | | | |
| RIPPD-VALLEY LEVI 5740 | USA 70882144 | | | C | | | |
| RIPPD-VALLEY LEVI 5743 | USA 70882147 | | | C | | | |
| RIPPD-VALLEY LEVI 5967 | USA 70882371 | | | | | | |
| RIPPD-VALLEY LEVI 6072 | USA 71786548 | | | C | | | |
| RIPPD-VALLEY LEVI 6277 | USA 71786753 | | | C | | | |
| RIPPD-VALLEY LEVI 6297 | USA 71786773 | | | C | | | |
| RIPPD-VALLEY LEVI 6314 | USA 72597088 | | | | | | |
| RIPPD-VALLEY LEVI 6338 | USA 72597112 | | | C | | | |
| RIPPD-VALLEY LEVI 6352 | USA 72597126 | | | | | | |
| RIPPD-VALLEY LEVI 6353 | USA 72597127 | | | | | | |
| RIPPD-VALLEY LEVI 6383 | USA 72597157 | | | | | | |
| RIPPD-VALLEY LEVI 6419 | USA 72597193 | | | C | | | |
| RIPPD-VALLEY LEVI 6442 | USA 72597216 | | | C | | | |
| RIPPD-VALLEY LEVI 6685 | USA 72597459 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY LEVI 6742 | USA 73380562 | | | C | | | |
| RIPPD-VALLEY LEVI 6787 | USA 73380607 | | | | | | |
| RIPPD-VALLEY LEVI 6788 | USA 73380608 | | | C | | | |
| RIPPD-VALLEY LEVI 6815 | USA 73380635 | | | C | | | |
| RIPPD-VALLEY LEVI 6817 | USA 73380637 | | | C | | | |
| RIPPD-VALLEY LEVI 6819 | USA 73380639 | | | C | | | |
| RIPPD-VALLEY LEVI 6821 | USA 73380641 | | | C | | | |
| RIPPD-VALLEY LEVI 6842-TW | USA 73380662 | | | C | | | |
| RIPPD-VALLEY LEVI 6843-TW | USA 73380663 | | | | | | |
| RIPPD-VALLEY LEVI 6864 | USA 73380684 | | | C | | | |
| RIPPD-VALLEY LEVI 7370 | 840003130324819 | | | C | | | |
| RIPPD-VALLEY LITHIUM 6405 | USA 72597179 | | | | | | |
| RIPPD-VALLEY LRICE 6939-RED | USA 73380759 | | | | | | 1 |
| RIPPD-VALLEY MACDONALD 6054 | USA 71786530 | C | | | | | |
| RIPPD-VALLEY MACK 6992 | USA 73380812 | | | | | | |
| RIPPD-VALLEY MACK 7147 | USA 74113078 | | | | | | |
| RIPPD-VALLEY MACON 6292-TW | USA 71786768 | | | | | | |
| RIPPD-VALLEY MACON 6293-TW | USA 71786769 | | | | | | |
| RIPPD-VALLEY MAJESTIC 6441 | USA 72597215 | | | | | | |
| RIPPD-VALLEY MAMMOTH 5603 | USA 70882007 | | | | | | |
| RIPPD-VALLEY MAMMOTH 5605 | USA 70882009 | | | | | | |
| RIPPD-VALLEY MAMMOTH 5625 | USA 70882029 | | | | | | |
| RIPPD-VALLEY MAN-O-MAN 6847 | USA 73380667 | | | | | | |
| RIPPD-VALLEY MANGO 3378 | USA 62822135 | C | | | | | |
| RIPPD-VALLEY MASSEY 6336-ET | USA 72597110 | | | | | | |
| RIPPD-VALLEY MATRIX 6040 | USA 71786516 | | | | | | |
| RIPPD-VALLEY MATSON 5933 | USA 70882337 | | | | | | |
| RIPPD-VALLEY MATSON 7047 | USA 74112978 | | | | | | |
| RIPPD-VALLEY MATSON 7056 | USA 74112987 | | | | | | |
| RIPPD-VALLEY MAUI 7560 | 840003130325009 | | | | | | |
| RIPPD-VALLEY MAUI 7569 | 840003130325018 | | | | | | |
| RIPPD-VALLEY MAUI 7570 | 840003130325019 | | | | | | |
| RIPPD-VALLEY MAUI 7585-TW | 840003130325034 | | | | | | |
| RIPPD-VALLEY MAUI 7586-TW | 840003130325035 | | | | | | |
| RIPPD-VALLEY MAUI 7590 | 840003130325039 | | | | | | |
| RIPPD-VALLEY MAUI 7594 | 840003130325043 | | | | | | |
| RIPPD-VALLEY MAUI 7611 | 840003130325060 | | | | | | |
| RIPPD-VALLEY MAUI 7620 | 840003130325069 | | | | | | |
| RIPPD-VALLEY MAUI 7627-TW | 840003130325076 | | | | | | |
| RIPPD-VALLEY MAUI 7628-TW | 840003130325077 | | | | | | |
| RIPPD-VALLEY MAUI 7654 | 840003130325103 | | | | | | |
| RIPPD-VALLEY MAUI 7667 | 840003130325116 | | | | | | |
| RIPPD-VALLEY MAUI 7679 | 840003130325128 | | | | | | |
| RIPPD-VALLEY MAUI 7682 | 840003130325131 | | | | | | |
| RIPPD-VALLEY MAUI 7688 | 840003130325137 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY MAUI 7698 | 840003130325147 | | | | | | |
| RIPPD-VALLEY MAUI 7712 | 840003130325161 | | | | | | |
| RIPPD-VALLEY MAUI 7715 | 840003130325164 | | | | | | |
| RIPPD-VALLEY MAURCE 6536-ET | USA 72597310 | | | | | | |
| RIPPD-VALLEY MAURICE 6447 | USA 72597221 | | | | | | |
| RIPPD-VALLEY MAYBE 6726 | USA 73380546 | | | | | | |
| RIPPD-VALLEY MAYBE 6727 | USA 73380547 | | | | | | |
| RIPPD-VALLEY MCCORMICK 5912 | USA 70882316 | | | | | | |
| RIPPD-VALLEY MCCORMICK 5918 | USA 70882322 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 5959 | USA 70882363 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6000 | USA 70882404 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6083 | USA 71786559 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6087 | USA 71786563 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6148 | USA 71786624 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6188 | USA 71786664 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6192 | USA 71786668 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6194 | USA 71786670 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6211 | USA 71786687 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6227 | USA 71786703 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6306 | USA 72597080 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6324 | USA 72597098 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6369 | USA 72597143 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6374 | USA 72597148 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6396 | USA 72597170 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6453 | USA 72597227 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6466 | USA 72597240 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6469 | USA 72597243 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6490 | USA 72597264 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6520 | USA 72597294 | | | | | | |
| RIPPD-VALLEY MCCORMICK 6533 | USA 72597307 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6550 | USA 72597324 | | | C | | | |
| RIPPD-VALLEY MCCORMICK 6561 | USA 72597335 | | | C | | | |
| RIPPD-VALLEY MCCUTCHEN 6472 | USA 72597246 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6628 | USA 72597402 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6656 | USA 72597430 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6657 | USA 72597431 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6658 | USA 72597432 | | C | | | | |
| RIPPD-VALLEY MCCUTCHEN 6669 | USA 72597443 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6774 | USA 73380594 | | C | | | | |
| RIPPD-VALLEY MCCUTCHEN 6892 | USA 73380712 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 6983 | USA 73380803 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7040 | USA 74112971 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7143 | USA 74113074 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7185 | 840003125604534 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7191 | 840003125604540 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY MCCUTCHEN 7209 | 840003125604608 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7220 | USA 74113151 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7229 | USA 74113160 | | | | | | |
| RIPPD-VALLEY MCCUTCHEN 7250 | 840003125604675 | | | | | | |
| RIPPD-VALLEY MCRMCK 5898-TW | USA 70882302 | | | C | | | |
| RIPPD-VALLEY MCRMCK 5899-TW | USA 70882303 | | | | | | 3 |
| RIPPD-VALLEY MELROY 7013 | USA 74112944 | | | | | C | |
| RIPPD-VALLEY MILLION 5692 | USA 70882096 | | C | | | | |
| RIPPD-VALLEY MILLION 5727 | USA 70882131 | | C | | | | |
| RIPPD-VALLEY MILLION 6015 | USA 71786491 | | C | | | | |
| RIPPD-VALLEY MIMOSA 7621 | 840003130325070 | | | | | | |
| RIPPD-VALLEY MIMOSA 7624 | 840003130325073 | | | | | | |
| RIPPD-VALLEY MINGO 6988-TW | USA 73380808 | | | | | | |
| RIPPD-VALLEY MINGO 6989-TW | USA 73380809 | | | | | | |
| RIPPD-VALLEY MINGO 6998 | USA 73380818 | | | | | | |
| RIPPD-VALLEY MOGUL 6156 | USA 71786632 | | | | | | |
| RIPPD-VALLEY MOGUL 6157 | USA 71786633 | | | | | | |
| RIPPD-VALLEY MOGUL 6177 | USA 71786653 | | | | | | |
| RIPPD-VALLEY MOGUL 6217 | USA 71786693 | | | | | | |
| RIPPD-VALLEY MOGUL 6256 | USA 71786732 | | | | | | |
| RIPPD-VALLEY MOGUL 7417 | 840003130324866 | | | | | | |
| RIPPD-VALLEY MOGUL 7473 | 840003130324922 | | | | | | |
| RIPPD-VALLEY MOGUL 7510 | 840003130324959 | | | | | | |
| RIPPD-VALLEY MOGUL 7553 | 840003130325002 | | | | | | |
| RIPPD-VALLEY MOGUL 7554 | 840003130325003 | | | | | | |
| RIPPD-VALLEY MOGUL 7556 | 840003130325005 | | | | | | |
| RIPPD-VALLEY MOGUL 7574 | 840003130325023 | | | | | | |
| RIPPD-VALLEY MOGUL 7580 | 840003130325029 | | | | | | |
| RIPPD-VALLEY MOGUL 7607 | 840003130325056 | | | | | | |
| RIPPD-VALLEY MOGUL 7648 | 840003130325097 | | | | | | |
| RIPPD-VALLEY MOGUL 7670 | 840003130325119 | | | C | | | |
| RIPPD-VALLEY MOGUL 7713 | 840003130325162 | | | C | | | |
| RIPPD-VALLEY MONSTER 6986 | USA 73380806 | | | | | | |
| RIPPD-VALLEY MONTEREY 7647 | 840003130325096 | | | | | | |
| RIPPD-VALLEY MONTEREY 7652 | 840003130325101 | | | | | | |
| RIPPD-VALLEY MONTROSS 7249 | 840003125604674 | | | | | | |
| RIPPD-VALLEY MONTROSS 7255 | 840003125604680 | | | | | | |
| RIPPD-VALLEY MONTROSS 7374 | 840003130324823 | | | | | | |
| RIPPD-VALLEY MONTROSS 7407 | 840003130324856 | | | | | | |
| RIPPD-VALLEY MONTROSS 7451 | 840003130324900 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7328 | 840003130324777 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7331 | 840003130324780 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7362 | 840003130324811 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7371 | 840003130324820 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7372 | 840003130324821 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY MOONRAKER 7378 | 840003130324827 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7427 | 840003130324876 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7485 | 840003130324934 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7579 | 840003130325028 | | | | | | |
| RIPPD-VALLEY MOONRAKER 7634 | 840003130325083 | | | | | | |
| RIPPD-VALLEY MOOSE 6975 | USA 73380795 | | | | | | |
| RIPPD-VALLEY MORGAN 6629 | USA 72597403 | | | | | | |
| RIPPD-VALLEY MOROVI 6748 | USA 73380568 | | | | | | |
| RIPPD-VALLEY MOXY 6868 | USA 73380688 | | | | | | |
| RIPPD-VALLEY MVP 7019 | USA 74112950 | | | | | | |
| RIPPD-VALLEY MVP 7178 | 840003125604352 | | | | | C | |
| RIPPD-VALLEY MVP 7187 | 840003125604536 | | | | | | |
| RIPPD-VALLEY MVP 7194 | 840003125604543 | | | | | | |
| RIPPD-VALLEY MVP 7196 | 840003125604545 | | | | | | |
| RIPPD-VALLEY MVP 7211 | 840003125604610 | | | | | | |
| RIPPD-VALLEY MVP 7215 | USA 74113146 | | | | | | |
| RIPPD-VALLEY MVP 7307 | 840003130324756 | | | | | | |
| RIPPD-VALLEY MVP 7420 | 840003130324869 | | | | | | |
| RIPPD-VALLEY MVP 7471 | 840003130324920 | | | | | | |
| RIPPD-VALLEY MVP 7566 | 840003130325015 | | | | | | |
| RIPPD-VALLEY MVP 7623 | 840003130325072 | | | | | | |
| RIPPD-VALLEY MVP 7710 | 840003130325159 | | | | | | |
| RIPPD-VALLEY MYRLE 7447 | 840003130324896 | | | | | | |
| RIPPD-VALLEY MYRLE 7466-TW | 840003130324915 | | | | | | |
| RIPPD-VALLEY MYRLE 7467-TW | 840003130324916 | | | | | | |
| RIPPD-VALLEY MYRLE 7468 | 840003130324917 | | | | | C | |
| RIPPD-VALLEY MYRLE 7480 | 840003130324929 | | | | | C | |
| RIPPD-VALLEY MYRLE 7484 | 840003130324933 | | | | | | |
| RIPPD-VALLEY MYRLE 7490 | 840003130324939 | | | | | | |
| RIPPD-VALLEY MYRLE 7507 | 840003130324956 | | | | | | |
| RIPPD-VALLEY MYRLE 7523 | 840003130324972 | | | | | | |
| RIPPD-VALLEY MYRLE 7524 | 840003130324973 | | | | | | 3 |
| RIPPD-VALLEY MYRLE 7527 | 840003130324976 | | | | | | |
| RIPPD-VALLEY MYRLE 7539 | 840003130324988 | | | | | | |
| RIPPD-VALLEY MYRLE 7543 | 840003130324992 | | | | | | |
| RIPPD-VALLEY MYRLE 7548 | 840003130324997 | | | | | | |
| RIPPD-VALLEY MYRLE 7549 | 840003130324998 | | | | | | |
| RIPPD-VALLEY MYRLE 7551 | 840003130325000 | | | | | | |
| RIPPD-VALLEY MYRLE 7555 | 840003130325004 | | | | | | |
| RIPPD-VALLEY MYRLE 7572 | 840003130325021 | C | | | | | |
| RIPPD-VALLEY MYRLE 7602 | 840003130325051 | C | | | | | |
| RIPPD-VALLEY MYRLE 7616 | 840003130325065 | | | | | | |
| RIPPD-VALLEY MYRLE 7617 | 840003130325066 | | | | | | |
| RIPPD-VALLEY MYRLE 7641 | 840003130325090 | | | | | | |
| RIPPD-VALLEY MYRLE 7644 | 840003130325093 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY MYRLE 7684 | 840003130325133 | | | | | | |
| RIPPD-VALLEY MYRLE 7700 | 840003130325149 | | | | | | |
| RIPPD-VALLEY NEON 6642 | USA 72597416 | | | | | | |
| RIPPD-VALLEY NEON 6684 | USA 72597458 | | | | | C | |
| RIPPD-VALLEY NEXTCHAP 7260 | 840003125604685 | | | | | | |
| RIPPD-VALLEY NIAGRA 4971 | USA 69302346 | | | | | | |
| RIPPD-VALLEY NIRVANA 7718 | 840003130325167 | | | | | | |
| RIPPD-VALLEY O MAN 2773 | USA 62168950 | | | C | | | |
| RIPPD-VALLEY OBSERVER 5359 | USA 70217132 | | | | | | |
| RIPPD-VALLEY OBSERVER 6260 | USA 71786736 | | | | | | |
| RIPPD-VALLEY OBSERVER 6720 | USA 73380540 | | | | | | |
| RIPPD-VALLEY OBSERVER 6764 | USA 73380584 | | | | | | |
| RIPPD-VALLEY OBSERVER 6798 | USA 73380618 | | | | | | |
| RIPPD-VALLEY OBSERVER 6802 | USA 73380622 | | | | | | |
| RIPPD-VALLEY OBSERVER 6813 | USA 73380633 | | | | | | |
| RIPPD-VALLEY OBSERVER 6835 | USA 73380655 | | | C | | | |
| RIPPD-VALLEY OBSERVER 6853 | USA 73380673 | | | | | | |
| RIPPD-VALLEY OBSERVER 6963 | USA 73380783 | | | | | | |
| RIPPD-VALLEY OBSERVER 6971 | USA 73380791 | | | | | | |
| RIPPD-VALLEY OBSERVER 6977 | USA 73380797 | | | | | | |
| RIPPD-VALLEY OBSERVER 7000 | USA 73380820 | | | C | | | |
| RIPPD-VALLEY OBSERVER 7062 | USA 74112993 | | | | | | |
| RIPPD-VALLEY OBSERVER 7092 | USA 74113023 | | | | | | |
| RIPPD-VALLEY OBSERVER 7231 | USA 74113162 | | | | | | |
| RIPPD-VALLEY OCTAVIAN 7380 | 840003130324829 | | | | | | |
| RIPPD-VALLEY OCTAVIAN 7528 | 840003130324977 | | | | | | |
| RIPPD-VALLEY OCTAVIAN 7541 | 840003130324990 | | | | | | |
| RIPPD-VALLEY OCTAVIAN 7597 | 840003130325046 | | | | | | |
| RIPPD-VALLEY OCTAVIAN 7705 | 840003130325154 | | | | | | |
| RIPPD-VALLEY OHARE-P 6753 | USA 73380573 | | | C | | | |
| RIPPD-VALLEY OHARE-P 6765 | USA 73380585 | | | | | | |
| RIPPD-VALLEY OHARE-P 7163 | USA 74113094 | | | C | | | |
| RIPPD-VALLEY OLEGANT 6393 | USA 72597167 | | | | | | |
| RIPPD-VALLEY OLEGANT 6424 | USA 72597198 | | | | | | |
| RIPPD-VALLEY OLEGANT 6438 | USA 72597212 | | | | | | |
| RIPPD-VALLEY OLEGANT 6534 | USA 72597308 | | | | | | |
| RIPPD-VALLEY OLEGANT 6560 | USA 72597334 | | | | | | |
| RIPPD-VALLEY OLEGANT 6594 | USA 72597368 | | | | | | |
| RIPPD-VALLEY OLEGANT 6718 | USA 73380538 | | | | | | |
| RIPPD-VALLEY OLEGANT 6734 | USA 73380554 | | | | | | |
| RIPPD-VALLEY OLEGANT 6752 | USA 73380572 | | | | | | |
| RIPPD-VALLEY OLEGANT 6808 | USA 73380628 | | | | | | |
| RIPPD-VALLEY OLEGANT 6889 | USA 73380709 | | | | | | |
| RIPPD-VALLEY OLEGANT 6904 | USA 73380724 | | | | | | |
| RIPPD-VALLEY OLEGANT 6905 | USA 73380725 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY OLEGANT 6920 | USA 73380740 | | | | | | |
| RIPPD-VALLEY OLEGANT 6996 | USA 73380816 | | | C | | | |
| RIPPD-VALLEY ORIENT 6111 | USA 71786587 | C | | | | | |
| RIPPD-VALLEY ORVILL 4906-TW | USA 69302281 | | | | | | |
| RIPPD-VALLEY ORVILL 4907-TW | USA 69302282 | | | | | | |
| RIPPD-VALLEY ORVILLE 7256 | 840003125604681 | | | C | | | |
| RIPPD-VALLEY ORVILLE 7392 | 840003130324841 | | | | | | |
| RIPPD-VALLEY ORVILLE 7410 | 840003130324859 | | | | | | |
| RIPPD-VALLEY ORVILLE 7418 | 840003130324867 | | | | | | |
| RIPPD-VALLEY ORVILLE 7421 | 840003130324870 | | | | | C | |
| RIPPD-VALLEY P 6346-RED | USA 72597120 | | | | | | |
| RIPPD-VALLEY PARADISE 6851 | USA 73380671 | | | | | | |
| RIPPD-VALLEY PARADISE 6987 | USA 73380807 | | | | | | |
| RIPPD-VALLEY PARADISE 7068 | USA 74112999 | | | | | | |
| RIPPD-VALLEY PARADISE 7324 | 840003130324773 | | | | | | |
| RIPPD-VALLEY PARADISE 7403 | 840003130324852 | | | | | | |
| RIPPD-VALLEY PARADISE 7522 | 840003130324971 | | | | | | |
| RIPPD-VALLEY PARADISE 7532 | 840003130324981 | | | | | | |
| RIPPD-VALLEY PARADISE 7584 | 840003130325033 | | | C | | | |
| RIPPD-VALLEY PARADISE 7606 | 840003130325055 | | | | | | |
| RIPPD-VALLEY PARISH 6377 | USA 72597151 | | | | | | |
| RIPPD-VALLEY PEOTI 6883 | USA 73380703 | | | | | | |
| RIPPD-VALLEY PETY 7363 | 840003130324812 | | | C | | | |
| RIPPD-VALLEY PETY 7368 | 840003130324817 | | | | | | |
| RIPPD-VALLEY PETY 7386 | 840003130324835 | | | | | | |
| RIPPD-VALLEY PETY 7431 | 840003130324880 | | | | | | |
| RIPPD-VALLEY PETY 7461 | 840003130324910 | | | C | | | |
| RIPPD-VALLEY PETY 7503 | 840003130324952 | | | | | | |
| RIPPD-VALLEY PETY 7526 | 840003130324975 | | | | | | |
| RIPPD-VALLEY PETY 7604 | 840003130325053 | | | | | | |
| RIPPD-VALLEY PETY 7626 | 840003130325075 | | | | | | |
| RIPPD-VALLEY PETY 7692 | 840003130325141 | | | | | | |
| RIPPD-VALLEY PICARDUS 7428 | 840003130324877 | | | C | | | |
| RIPPD-VALLEY PICARDUS 7453 | 840003130324902 | | | | | | |
| RIPPD-VALLEY PICARDUS 7476 | 840003130324925 | | | | | | |
| RIPPD-VALLEY PICARDUS 7536 | 840003130324985 | C | | | | | |
| RIPPD-VALLEY PICARDUS 7695 | 840003130325144 | | | | | | |
| RIPPD-VALLEY PILOT 6763 | USA 73380583 | | | | | C | |
| RIPPD-VALLEY PLANET 4450 | USA 66547204 | | | | | | |
| RIPPD-VALLEY PLANET 4586 | USA 68673052 | | | | | | |
| RIPPD-VALLEY PLANET 4674 | USA 68673140 | | | | | | |
| RIPPD-VALLEY PLANET 4958 | USA 69302333 | | | | | | |
| RIPPD-VALLEY PLANET 4983 | USA 69302358 | | | | | | |
| RIPPD-VALLEY PLANET 5135 | USA 69617947 | | | | | | |
| RIPPD-VALLEY PLANET 5199 | USA 69618011 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY PLANET 5287 | USA 70217060 | | | | | | |
| RIPPD-VALLEY PLANET 5375 | USA 70217148 | | | | | | |
| RIPPD-VALLEY PLANET 5452 | USA 70217225 | | | | | | |
| RIPPD-VALLEY PLANET 5455 | USA 70217228 | | | | | | 3 |
| RIPPD-VALLEY PLANET 5483 | USA 70217256 | | | | | | |
| RIPPD-VALLEY PLANET 5537 | USA 70881941 | | | | | | |
| RIPPD-VALLEY PLANET 5538 | USA 70881942 | | | | | | |
| RIPPD-VALLEY PLANET 5786 | USA 70882190 | | | | | | |
| RIPPD-VALLEY PLANET 5796 | USA 70882200 | | | | | | |
| RIPPD-VALLEY PLANET 5819 | USA 70882223 | | | | | | |
| RIPPD-VALLEY PLANET 5965 | USA 70882369 | | | | | C | |
| RIPPD-VALLEY PLANET 6204 | USA 71786680 | | | | | | |
| RIPPD-VALLEY PLANET 6263 | USA 71786739 | | | | | | |
| RIPPD-VALLEY PLANET 6309-TW | USA 72597083 | | C | | | | N |
| RIPPD-VALLEY PLANET 6412 | USA 72597186 | | | | | | |
| RIPPD-VALLEY PLANET 6476 | USA 72597250 | | | | | | |
| RIPPD-VALLEY PLANET 6529 | USA 72597303 | | | | | | |
| RIPPD-VALLEY PLANET 6688 | USA 72597462 | | | | | | |
| RIPPD-VALLEY PLANET 6705 | USA 73380525 | | | | | | |
| RIPPD-VALLEY PLANET 6708 | USA 73380528 | | | | | | |
| RIPPD-VALLEY PLANET 6710 | USA 73380530 | C | | | | | |
| RIPPD-VALLEY PLANET 6801 | USA 73380621 | | | | | | |
| RIPPD-VALLEY POMPOSO 7412 | 840003130324861 | | | | | C | |
| RIPPD-VALLEY POMPOSO 7425 | 840003130324874 | | | | | | |
| RIPPD-VALLEY POMPOSO 7440 | 840003130324889 | | | | | | |
| RIPPD-VALLEY POMPOSO 7459 | 840003130324908 | | | | | | |
| RIPPD-VALLEY POMPOSO 7486 | 840003130324935 | | | | | | |
| RIPPD-VALLEY POMPOSO 7492 | 840003130324941 | | | | | | |
| RIPPD-VALLEY POMPOSO 7498 | 840003130324947 | | | | | | |
| RIPPD-VALLEY POMPOSO 7502 | 840003130324951 | | | | | | |
| RIPPD-VALLEY POMPOSO 7563 | 840003130325012 | | | | | | |
| RIPPD-VALLEY POMPOSO 7638 | 840003130325087 | | | | | | |
| RIPPD-VALLEY POMPOSO 7655 | 840003130325104 | | | | | | |
| RIPPD-VALLEY POMPOSO 7690 | 840003130325139 | | | | | | |
| RIPPD-VALLEY POMPOSO 7691 | 840003130325140 | | | | | | |
| RIPPD-VALLEY POMPOSO 7704 | 840003130325153 | | | | | | |
| RIPPD-VALLEY POMPOSO 7706 | 840003130325155 | | | | | | |
| RIPPD-VALLEY POMPOSO 7716 | 840003130325165 | | | | | | |
| RIPPD-VALLEY POMPOSO 7720 | 840003130325169 | | | | | | |
| RIPPD-VALLEY POMPOSO7494-TW | 840003130324943 | | | | | | |
| RIPPD-VALLEY POMPOSO7495-TW | 840003130324944 | | | | | | |
| RIPPD-VALLEY PORTER 6728 | USA 73380548 | | | | | | |
| RIPPD-VALLEY PRDISE 7481-TW | 840003130324930 | | | | | | |
| RIPPD-VALLEY PRDISE 7482-TW | 840003130324931 | | | | | | |
| RIPPD-VALLEY PREMON 6420 | USA 72597194 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY PRES 6852-RED | USA 73380672 | | | | | | 3 |
| RIPPD-VALLEY PRES 7070-RED | USA 74113001 | C | C | | | | |
| RIPPD-VALLEY PRIME 7323 | 840003130324772 | | | | | | |
| RIPPD-VALLEY PRIME 7388-TW | 840003130324837 | | | | | | |
| RIPPD-VALLEY PRIME 7389-TW | 840003130324838 | | | | | | |
| RIPPD-VALLEY PRINCABULL7489 | 840003130324938 | | | | | | |
| RIPPD-VALLEY R-P 6132-RED | USA 71786608 | | | | | | |
| RIPPD-VALLEY RALPHIE 4607 | USA 68673073 | | | | | | |
| RIPPD-VALLEY RICHMAN 5332 | USA 70217105 | | | | | | |
| RIPPD-VALLEY RICHMAN 6018 | USA 71786494 | | | | | | |
| RIPPD-VALLEY RICHMAN 6069 | USA 71786545 | | | | | | |
| RIPPD-VALLEY RICHMAN 6133 | USA 71786609 | | | | | | |
| RIPPD-VALLEY RICHMAN 6539 | USA 72597313 | | | | | | |
| RIPPD-VALLEY RICHMAN 6566 | USA 72597340 | | | | | | |
| RIPPD-VALLEY ROCKY 6137 | USA 71786613 | | | | | C | |
| RIPPD-VALLEY RODGERS 7201 | 840003125604550 | | | | | | |
| RIPPD-VALLEY RODGERS 7227 | USA 74113158 | | | | | | |
| RIPPD-VALLEY ROLAND 5712 | USA 70882116 | | | | | | |
| RIPPD-VALLEY ROLAND 5991 | USA 70882395 | | | | | | |
| RIPPD-VALLEY ROLAND 6104 | USA 71786580 | | | | | | |
| RIPPD-VALLEY ROLAND 6213 | USA 71786689 | | | | | | |
| RIPPD-VALLEY ROLAND 6224 | USA 71786700 | | | | | | |
| RIPPD-VALLEY ROLAND 6258 | USA 71786734 | | | | | | |
| RIPPD-VALLEY ROLAND 6474 | USA 72597248 | | | | | | |
| RIPPD-VALLEY ROOST 7608-RED | 840003130325057 | | | | | | |
| RIPPD-VALLEY ROSS 6209 | USA 71786685 | | | | | | |
| RIPPD-VALLEY ROY 2932 | USA 62407707 | | | | | | |
| RIPPD-VALLEY ROY 2972 | USA 62407747 | | | | | | |
| RIPPD-VALLEY RUBLE 6492 | USA 72597266 | | | | | | |
| RIPPD-VALLEY RUBLE 6496 | USA 72597270 | | | | | | |
| RIPPD-VALLEY RUBLE 6499 | USA 72597273 | | | | | | |
| RIPPD-VALLEY RUBLE 6510 | USA 72597284 | | | | | | |
| RIPPD-VALLEY RUBLE 6517 | USA 72597291 | | | | | | |
| RIPPD-VALLEY RUBLE 6545 | USA 72597319 | | | | | C | |
| RIPPD-VALLEY RUBLE 6586 | USA 72597360 | | | | | | |
| RIPPD-VALLEY RUBLE 6592 | USA 72597366 | | | | | | |
| RIPPD-VALLEY RUBLE 6609 | USA 72597383 | | | | | | |
| RIPPD-VALLEY RUBLE 6696 | USA 72597470 | | | | | | |
| RIPPD-VALLEY RUBLE 6756 | USA 73380576 | | | | | | |
| RIPPD-VALLEY RUBLE 6833 | USA 73380653 | | C | | | | |
| RIPPD-VALLEY RUBLE 6850 | USA 73380670 | | | | | | |
| RIPPD-VALLEY RUBLE 6857 | USA 73380677 | | | | | | |
| RIPPD-VALLEY RUBLE 6862 | USA 73380682 | | | | | | |
| RIPPD-VALLEY RUBLE 6895 | USA 73380715 | | | | | | |
| RIPPD-VALLEY RUBLE 6936 | USA 73380756 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY RUBLE 6938 | USA 73380758 | | | | | C | |
| RIPPD-VALLEY RUBLE 6972 | USA 73380792 | | | | | | |
| RIPPD-VALLEY RUBLE 6981 | USA 73380801 | | | | | | |
| RIPPD-VALLEY RUBLE 7001 | USA 74112932 | | | | | | |
| RIPPD-VALLEY RUBLE 7008 | USA 74112939 | | | | | | |
| RIPPD-VALLEY RUBLE 7017 | USA 74112948 | | | | | | |
| RIPPD-VALLEY RUBLE 7046 | USA 74112977 | | | | | | |
| RIPPD-VALLEY RUBLE 7060 | USA 74112991 | | | | | | |
| RIPPD-VALLEY RUBLE 7067 | USA 74112998 | | | | | | |
| RIPPD-VALLEY RUBLE 7174 | 840003125604348 | | | | | | |
| RIPPD-VALLEY RUBLE 7238 | 840003125604663 | | | | | | |
| RIPPD-VALLEY RUBLE 7239 | 840003125604664 | | | | | | |
| RIPPD-VALLEY RUBLE 7266 | 840003125604691 | | | | | | |
| RIPPD-VALLEY RUBLE 7275 | 840003125604700 | | | | | | |
| RIPPD-VALLEY RUBLE 7305 | 840003130324754 | | | | | | |
| RIPPD-VALLEY SALADI 6738 | USA 73380558 | | | | | | |
| RIPPD-VALLEY SALADO 6643 | USA 72597417 | | | | | | |
| RIPPD-VALLEY SALADO 6746 | USA 73380566 | | | | | | |
| RIPPD-VALLEY SALEEN 6168-ET | USA 71786644 | | | | | | |
| RIPPD-VALLEY SANCHEZ 5669 | USA 70882073 | | | | | | |
| RIPPD-VALLEY SANCHEZ 5707 | USA 70882111 | | | | | | |
| RIPPD-VALLEY SANCHEZ 5737 | USA 70882141 | | C | | | | |
| RIPPD-VALLEY SANCHEZ 5749 | USA 70882153 | | | | | | |
| RIPPD-VALLEY SANDERSON 6106 | USA 71786582 | | | | | | |
| RIPPD-VALLEY SANDERSON 6645 | USA 72597419 | | | | | | |
| RIPPD-VALLEY SCHUSTER 6814 | USA 73380634 | | | | | | |
| RIPPD-VALLEY SECRETAR 7483 | 840003130324932 | | | | | C | |
| RIPPD-VALLEY SERGIO 6185 | USA 71786661 | | | | | | |
| RIPPD-VALLEY SHAMROCK 5841 | USA 70882245 | | | | | | |
| RIPPD-VALLEY SHAMROCK 5842 | USA 70882246 | | | | | C | |
| RIPPD-VALLEY SHAMROCK 6065 | USA 71786541 | | | | | | |
| RIPPD-VALLEY SHANDY 6912 | USA 73380732 | | | | | | |
| RIPPD-VALLEY SHIPLEY 6860 | USA 73380680 | | | | | | |
| RIPPD-VALLEY SHOTLE 5547-ET | USA 70881951 | | | | | | |
| RIPPD-VALLEY SHOTLE 5606-ET | USA 70882010 | | | | | | |
| RIPPD-VALLEY SHOTLE 5997-TW | USA 70882401 | | | C | | | |
| RIPPD-VALLEY SHOTLE 5998-TW | USA 70882402 | | | C | | | |
| RIPPD-VALLEY SHOTTLE 3548 | USA 64093073 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5039 | USA 69617851 | C | | | | C | |
| RIPPD-VALLEY SHOTTLE 5077 | USA 69617889 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5424 | USA 70217197 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5443 | USA 70217216 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5454 | USA 70217227 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5460 | USA 70217233 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5524 | USA 70881928 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY SHOTTLE 5532 | USA 70881936 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5546 | USA 70881950 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5618 | USA 70882022 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5631 | USA 70882035 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5647 | USA 70882051 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5658 | USA 70882062 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5691 | USA 70882095 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5697 | USA 70882101 | | | C | | C | |
| RIPPD-VALLEY SHOTTLE 5708 | USA 70882112 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5771 | USA 70882175 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5816 | USA 70882220 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5817 | USA 70882221 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5849 | USA 70882253 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5854 | USA 70882258 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5897 | USA 70882301 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5929 | USA 70882333 | | | | | | |
| RIPPD-VALLEY SHOTTLE 5966 | USA 70882370 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 5999 | USA 70882403 | | | | | | |
| RIPPD-VALLEY SHOTTLE 6003 | USA 71786479 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 6008 | USA 71786484 | | | | | | |
| RIPPD-VALLEY SHOTTLE 6013 | USA 71786489 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 6029 | USA 71786505 | | | | | | |
| RIPPD-VALLEY SHOTTLE 6356 | USA 72597130 | | | | | | |
| RIPPD-VALLEY SHOTTLE 6522 | USA 72597296 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 6544 | USA 72597318 | | | | | C | |
| RIPPD-VALLEY SHOTTLE 6604 | USA 72597378 | | | | | | |
| RIPPD-VALLEY SHOUT 5926 | USA 70882330 | | | | | | |
| RIPPD-VALLEY SHOUT 5978 | USA 70882382 | | | | | | |
| RIPPD-VALLEY SHOUT 6006 | USA 71786482 | | | | | | |
| RIPPD-VALLEY SHOUT 6010 | USA 71786486 | | | | | | |
| RIPPD-VALLEY SHOUT 6030 | USA 71786506 | | | | | | |
| RIPPD-VALLEY SHOUT 6084 | USA 71786560 | | | | | | |
| RIPPD-VALLEY SHOUT 6096 | USA 71786572 | | | | | | |
| RIPPD-VALLEY SHOUT 6129 | USA 71786605 | | | | | | |
| RIPPD-VALLEY SHOUT 6170 | USA 71786646 | | | | | | |
| RIPPD-VALLEY SHOUT 6178 | USA 71786654 | | | | | | |
| RIPPD-VALLEY SILVER 7446 | 840003130324895 | | | | | | |
| RIPPD-VALLEY SILVER 7610 | 840003130325059 | C | | | | C | |
| RIPPD-VALLEY SIXTO 6506 | USA 72597280 | | | | | | |
| RIPPD-VALLEY SLEET 6385-RED | USA 72597159 | | | | | | 1 |
| RIPPD-VALLEY SNCHEZ 5927-TW | USA 70882331 | | | | | | |
| RIPPD-VALLEY SNCHEZ 5928-TW | USA 70882332 | | | | | | |
| RIPPD-VALLEY SOTO 7192-TW | 840003125604541 | | | | | | |
| RIPPD-VALLEY SOTO 7193-TW | 840003125604542 | | | | | | |
| RIPPD-VALLEY SOTO 7204 | 840003125604553 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY SOTO 7244 | 840003125604669 | | | | | | |
| RIPPD-VALLEY SOTO 7300 | 840003125604726 | | | | | | |
| RIPPD-VALLEY SOTO 7310-TW | 840003130324759 | | | | | | |
| RIPPD-VALLEY STELLAR 7334 | 840003130324783 | | | | | | |
| RIPPD-VALLEY STRATGIST 6907 | USA 73380727 | | | | | | |
| RIPPD-VALLEY STRATGIST 6922 | USA 73380742 | | | C | | | |
| RIPPD-VALLEY STRONG 6580 | USA 72597354 | | | | | | |
| RIPPD-VALLEY STRONG 6616 | USA 72597390 | | | | | | |
| RIPPD-VALLEY STRONG 6638 | USA 72597412 | | | | | | |
| RIPPD-VALLEY SUDAN 6228 | USA 71786704 | | | | | | |
| RIPPD-VALLEY SUDAN 6285 | USA 71786761 | | | | | | |
| RIPPD-VALLEY SUDAN 6296 | USA 71786772 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6519 | USA 72597293 | | | | | C | |
| RIPPD-VALLEY SUPERSIRE 6557 | USA 72597331 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6587 | USA 72597361 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6610 | USA 72597384 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6649 | USA 72597423 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6666 | USA 72597440 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6686 | USA 72597460 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6722 | USA 73380542 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6725 | USA 73380545 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 6745 | USA 73380565 | | | C | | | |
| RIPPD-VALLEY SUPERSIRE 6865 | USA 73380685 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7032 | USA 74112963 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7039 | USA 74112970 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7059 | USA 74112990 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7065 | USA 74112996 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7079 | USA 74113010 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7080 | USA 74113011 | | | | | C | |
| RIPPD-VALLEY SUPERSIRE 7081 | USA 74113012 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7084 | USA 74113015 | | | C | | | |
| RIPPD-VALLEY SUPERSIRE 7089 | USA 74113020 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7295 | 840003125604722 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7306 | 840003130324755 | | | | | | |
| RIPPD-VALLEY SUPERSIRE 7469 | 840003130324918 | | | | | | |
| RIPPD-VALLEY TABBER 6826 | USA 73380646 | | | | | | |
| RIPPD-VALLEY TABBER 7199 | 840003125604548 | | | | | C | |
| RIPPD-VALLEY TABBER 7364 | 840003130324813 | | | | | | |
| RIPPD-VALLEY TOPSY 6918 | USA 73380738 | | | | | | |
| RIPPD-VALLEY TOPSY 6921 | USA 73380741 | | | | | | |
| RIPPD-VALLEY TOPSY 6924 | USA 73380744 | | | | | | |
| RIPPD-VALLEY TOPSY 7208 | 840003125604557 | | | | | | |
| RIPPD-VALLEY TOPSY 7335 | 840003130324784 | | | | | | |
| RIPPD-VALLEY TOPSY 7419 | 840003130324868 | | | | | | |
| RIPPD-VALLEY TOPSY 7516 | 840003130324965 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY TOPSY 7542 | 840003130324991 | | | | | | |
| RIPPD-VALLEY TRIGGER 6242 | USA 71786718 | | | | | | |
| RIPPD-VALLEY TRIGGER 6288 | USA 71786764 | | | | | | |
| RIPPD-VALLEY TRIGGER 6302 | USA 72597076 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6313 | USA 72597087 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6315 | USA 72597089 | | | | | | |
| RIPPD-VALLEY TRIGGER 6316 | USA 72597090 | | | | | | |
| RIPPD-VALLEY TRIGGER 6319 | USA 72597093 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6340 | USA 72597114 | C | | | | | |
| RIPPD-VALLEY TRIGGER 6341 | USA 72597115 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6344 | USA 72597118 | | | | | | |
| RIPPD-VALLEY TRIGGER 6345 | USA 72597119 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6375 | USA 72597149 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6378 | USA 72597152 | | | | | | |
| RIPPD-VALLEY TRIGGER 6381 | USA 72597155 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6395 | USA 72597169 | | | | | | |
| RIPPD-VALLEY TRIGGER 6430 | USA 72597204 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6434 | USA 72597208 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6440 | USA 72597214 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6454 | USA 72597228 | | | | | | |
| RIPPD-VALLEY TRIGGER 6464 | USA 72597238 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6493 | USA 72597267 | | | | | | |
| RIPPD-VALLEY TRIGGER 6507 | USA 72597281 | | | | | | |
| RIPPD-VALLEY TRIGGER 6537 | USA 72597311 | | | | | | |
| RIPPD-VALLEY TRIGGER 6543 | USA 72597317 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6551 | USA 72597325 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6555 | USA 72597329 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6562 | USA 72597336 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6563 | USA 72597337 | | | | | | |
| RIPPD-VALLEY TRIGGER 6570 | USA 72597344 | | | | | | |
| RIPPD-VALLEY TRIGGER 6571 | USA 72597345 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6589 | USA 72597363 | | | | | | |
| RIPPD-VALLEY TRIGGER 6605 | USA 72597379 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6614 | USA 72597388 | | | | | | |
| RIPPD-VALLEY TRIGGER 6615 | USA 72597389 | | | | | | |
| RIPPD-VALLEY TRIGGER 6620 | USA 72597394 | | | | | | |
| RIPPD-VALLEY TRIGGER 6627 | USA 72597401 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6644 | USA 72597418 | C | | | | | |
| RIPPD-VALLEY TRIGGER 6653 | USA 72597427 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6675 | USA 72597449 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6678 | USA 72597452 | | | | | | |
| RIPPD-VALLEY TRIGGER 6699 | USA 72597473 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6759 | USA 73380579 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6762 | USA 73380582 | | | | | | |
| RIPPD-VALLEY TRIGGER 6773 | USA 73380593 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY TRIGGER 6795 | USA 73380615 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6799 | USA 73380619 | | | | | C | |
| RIPPD-VALLEY TRIGGER 6825 | USA 73380645 | | | | | | |
| RIPPD-VALLEY TRIGGER 6869 | USA 73380689 | | | | | C | |
| RIPPD-VALLEY TRNSFORMR 7508 | 840003130324957 | | | | | | |
| RIPPD-VALLEY TROY 7257-ET | 840003125604682 | | | | | C | |
| RIPPD-VALLEY TROY 7313 | 840003130324762 | | | | | | |
| RIPPD-VALLEY TROY 7475 | 840003130324924 | | | | | | |
| RIPPD-VALLEY TROY 7499 | 840003130324948 | | | | | | |
| RIPPD-VALLEY TULSA 7518 | 840003130324967 | | | | | | |
| RIPPD-VALLEY TURVY 6841 | USA 73380661 | | | | | | |
| RIPPD-VALLEY TURVY 6894 | USA 73380714 | | | C | | | |
| RIPPD-VALLEY TURVY 6935 | USA 73380755 | | | | | | |
| RIPPD-VALLEY TURVY 6997 | USA 73380817 | | | | | | |
| RIPPD-VALLEY TURVY 7317 | 840003130324766 | | | | | | |
| RIPPD-VALLEY TURVY 7361 | 840003130324810 | | | | | | |
| RIPPD-VALLEY TURVY 7379 | 840003130324828 | | | | | | |
| RIPPD-VALLEY TURVY 7457 | 840003130324906 | | | | | | |
| RIPPD-VALLEY TURVY 7564 | 840003130325013 | | | | | | |
| RIPPD-VALLEY TWIST 6913 | USA 73380733 | | | | | | |
| RIPPD-VALLEY TWIST 6914 | USA 73380734 | | | | | | |
| RIPPD-VALLEY TWIST 6917 | USA 73380737 | | | | | | |
| RIPPD-VALLEY TWIST 6930 | USA 73380750 | | | | | | |
| RIPPD-VALLEY TWIST 7093 | USA 74113024 | | | | | C | |
| RIPPD-VALLEY TWIST 7142 | USA 74113073 | | | | | | |
| RIPPD-VALLEY TWIST 7158 | USA 74113089 | | | | | | |
| RIPPD-VALLEY TWIST 7172 | 840003125604346 | | | | | | |
| RIPPD-VALLEY TWIST 7195 | 840003125604544 | | | | | | |
| RIPPD-VALLEY TWIST 7210 | 840003125604609 | | | | | C | |
| RIPPD-VALLEY TWIST 7233 | 840003125604658 | | | | | C | |
| RIPPD-VALLEY TWIST 7265 | 840003125604690 | | | | | C | |
| RIPPD-VALLEY TWIST 7406-TW | 840003130324855 | | | | | | |
| RIPPD-VALLEY TWIST 7411 | 840003130324860 | | | | | C | |
| RIPPD-VALLEY TWIST 7430 | 840003130324879 | | | | | | |
| RIPPD-VALLEY TWIST 7441 | 840003130324890 | | | | | | |
| RIPPD-VALLEY TWIST 7444 | 840003130324893 | | | | | | |
| RIPPD-VALLEY TWIST 7479 | 840003130324928 | | | | | | |
| RIPPD-VALLEY TWIST 7513 | 840003130324962 | | | | | C | |
| RIPPD-VALLEY TWIST 7545-TW | 840003130324994 | | | | | | |
| RIPPD-VALLEY TWIST 7546-TW | 840003130324995 | | | | | | |
| RIPPD-VALLEY TWIST 7552 | 840003130325001 | | | | | C | |
| RIPPD-VALLEY TWIST 7557 | 840003130325006 | | | | | C | |
| RIPPD-VALLEY TWIST 7559 | 840003130325008 | | | | | | |
| RIPPD-VALLEY TWIST 7596 | 840003130325045 | | | | | | |
| RIPPD-VALLEY TWIST 7630 | 840003130325079 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY TWIST 7635 | 840003130325084 | | | | | | |
| RIPPD-VALLEY TWIST 7643 | 840003130325092 | | | | | | |
| RIPPD-VALLEY TWIST 7666 | 840003130325115 | | | | | C | |
| RIPPD-VALLEY TWIST 7672 | 840003130325121 | | | | | C | |
| RIPPD-VALLEY VERSAT 7090-ET | USA 74113021 | | | | | | |
| RIPPD-VALLEY VERSATILE 7049 | USA 74112980 | | | | | | |
| RIPPD-VALLEY VERSATILE 7134 | USA 74113065 | | | | | | |
| RIPPD-VALLEY VERSATILE 7138 | USA 74113069 | | | | | | |
| RIPPD-VALLEY VERSATILE 7166 | USA 74113097 | | | | | | |
| RIPPD-VALLEY VERSATILE 7167 | USA 74113098 | | | | | | |
| RIPPD-VALLEY VERSATILE 7175 | 840003125604349 | C | | C | | | |
| RIPPD-VALLEY VERSATILE 7263 | 840003125604688 | | | | | | |
| RIPPD-VALLEY VERSATILE 7463 | 840003130324912 | | | | | | |
| RIPPD-VALLEY VERSATILE 7571 | 840003130325020 | | | | | | |
| RIPPD-VALLEY VERSATILE 7576 | 840003130325025 | | | | | | |
| RIPPD-VALLEY VERSATILE 7588 | 840003130325037 | | | | | | |
| RIPPD-VALLEY VERSATILE 7593 | 840003130325042 | | | | | | |
| RIPPD-VALLEY VERSATILE 7595 | 840003130325044 | | | | | | |
| RIPPD-VALLEY VERSATILE 7605 | 840003130325054 | | | | | | |
| RIPPD-VALLEY VERSATILE 7619 | 840003130325068 | | | | | | |
| RIPPD-VALLEY VERSATILE 7656 | 840003130325105 | | | | | | |
| RIPPD-VALLEY VERSATILE 7659 | 840003130325108 | | | | | | |
| RIPPD-VALLEY VERSATILE 7709 | 840003130325158 | | | | | | |
| RIPPD-VALLEY VINTAGE 6473 | USA 72597247 | | | | | | |
| RIPPD-VALLEY WATSON 6761 | USA 73380581 | | | | | C | |
| RIPPD-VALLEY WATSON 6804 | USA 73380624 | | | | | | |
| RIPPD-VALLEY WATSON 6810 | USA 73380630 | | | C | | | |
| RIPPD-VALLEY WATSON 6818 | USA 73380638 | | | C | | | |
| RIPPD-VALLEY WATSON 6845 | USA 73380665 | | | C | | C | |
| RIPPD-VALLEY WATSON 6863 | USA 73380683 | | | C | | C | |
| RIPPD-VALLEY WATSON 6888 | USA 73380708 | | | | | | |
| RIPPD-VALLEY WATSON 6900 | USA 73380720 | | | C | | C | |
| RIPPD-VALLEY WATSON 6923 | USA 73380743 | | | C | | | |
| RIPPD-VALLEY WATSON 7012 | USA 74112943 | | | | | C | |
| RIPPD-VALLEY WATSON 7030 | USA 74112961 | | | | | C | |
| RIPPD-VALLEY WATSON 7087 | USA 74113018 | | | | | | |
| RIPPD-VALLEY WAYLON 6617 | USA 72597391 | | | | | | |
| RIPPD-VALLEY WIZARD 7591 | 840003130325040 | | | | | | |
| RIPPD-VALLEY WIZARD 7592 | 840003130325041 | C | | | | | |
| RIPPD-VALLEY YODER 7633 | 840003130325082 | | | | | | |
| RIPPD-VALLEY YODER 7636 | 840003130325085 | | | | | C | |
| RIPPD-VALLEY YODER 7642 | 840003130325091 | | | C | | | |
| RIPPD-VALLEY YODER 7646 | 840003130325095 | | | | | | |
| RIPPD-VALLEY YODER 7678 | 840003130325127 | | | | | | |
| RIPPD-VALLEY Z-DUKE 5600 | USA 70882004 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIPPD-VALLEY ZIPPER-P 7415 | 840003130324864 | | | | | | |
| RIPPD-VALLEYR6051P-RED-TW | USA 71786527 | C | | | | | |
| RIPPD-VALLEYR6052P-RED-TW | USA 71786528 | C | | | | | |
| RIPPLE-RIDGE LUKE ORCHID-ET | USA 15646570 | | | | | | |
| RIPPS BRIGHT 2492 | USA 61864044 | | | | | | |
| RIPPS O-MAN 2685 | USA 62168862 | | | | | | |
| RISE-UP JS BERRY | USA 63375583 | | | | | | |
| RISE-UP SHTL BRINA | USA 64481841 | | | | | | |
| RISER-4 AMAZING GRETA 6348 | USA 72150531 | | | | | | |
| RISER-4 APPLE BLOSSOM 4501 | USA 66790568 | | | | | | |
| RISER-4 G EDELWEISS 4892-ET | USA 69120171 | | | | | | 1 |
| RISER-4 G GINGER 4958 | USA 69120237 | C | | | | | |
| RISER-4 G W A SMARIE | USA 73209227 | | | | | | |
| RISER-4 GWA ESKIMO | USA 73209174 | | | | | | |
| RISER-4 M WINTERBERRY 6735 | USA 73209254 | | | | | | |
| RISER-4 P ALIZA | USA 72649959 | | | | | | |
| RISER-4 S BLUEBELL 4666-ET | USA 68780267 | | | | | | |
| RISHOO 26-ET | DEU 350096775 | | | | | C | |
| RISING-RAINBOW ARMNI LIZ-ET | 840003130390737 | | | | | | 1 |
| RISING-RAINBOW ER LASSIE-ET | 840003130390730 | | | | | | |
| RISING-RAINBOW KB LOUISE-ET | 840003130390729 | | | | | | |
| RISING-RAINBOW MATHIE SATCH | USA 133936874 | | | | | | |
| RISING-RAINBOW RMNI LENA-ET | USA 74147115 | | | | | | |
| RISING-RAINBOW RMNI LIZA-ET | USA 74147117 | | | | | | 1 |
| RITA | CZE 296520961 | | | | | | |
| RITA 6685 | NLD 534766852 | | | | | | |
| RIVALON G W JESSY | CAN 7435538 | | | | | | 3 |
| RIVER-BREEZE AL 8747 | USA 72109835 | | | C | | | |
| RIVER-BREEZE AL 8749 | USA 72109837 | | | | | | |
| RIVER-BREEZE INDY 8744 | USA 72109832 | | | | | | |
| RIVER-BREEZE MODEL 8751 | USA 72109839 | | | | | | |
| RIVER-BREEZE TYSON 8748 | USA 72109836 | | | | | | |
| RIVER-BRIDGE ADIDAS RACQUEL | 840003123616960 | | | | | | |
| RIVER-BRIDGE ADRIAN CRUZ | 840003123617005 | | | | | | |
| RIVER-BRIDGE ADRN REESE-ET | 840003123617024 | | | | | | |
| RIVER-BRIDGE AFTERSHCK 2001 | 840003134584979 | | | | | | |
| RIVER-BRIDGE AVENGER GILES | 840003123617097 | | | | | | 1 |
| RIVER-BRIDGE AVG YADON-ET | 840003123617104 | | | | | | |
| RIVER-BRIDGE AVG YOUNG-ET | 840003123617105 | | | | | | |
| RIVER-BRIDGE AVGR YUSTA-ET | 840003123617107 | | | | | | |
| RIVER-BRIDGE BAILEE CRI-ET | USA 70541723 | | | | | | |
| RIVER-BRIDGE BAIRD CLOVE | 840003123617161 | | | | | | |
| RIVER-BRIDGE BAIRD REMI | 840003123617184 | | | | | | |
| RIVER-BRIDGE BAMBI CRI-ET | USA 71451998 | | | | | | |
| RIVER-BRIDGE BGOOD 1997 | 840003123617188 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE BIG IR BALLET | 840003123617117 | | | | | | |
| RIVER-BRIDGE BOB TRISTA | USA 69908794 | | | | | | |
| RIVER-BRIDGE BOGRT TURBA-ET | USA 66168550 | | | | | | |
| RIVER-BRIDGE BOGRT TURLY-ET | USA 66168553 | | | C | | | |
| RIVER-BRIDGE BOMBERO YEVA | 840003123617068 | | | | | | |
| RIVER-BRIDGE BOWSER ANITA | USA 69908736 | | | | | | |
| RIVER-BRIDGE BOXER SANDREEN | USA 71753368 | | | | | | |
| RIVER-BRIDGE BOXER YEBLA-ET | USA 71753333 | | | | | | |
| RIVER-BRIDGE BOXER YESSI-ET | USA 71753337 | | | | | | |
| RIVER-BRIDGE BOYOBOY CASHA | USA 71753358 | | | | | | |
| RIVER-BRIDGE BOYOBOY DOTTIE | USA 71753206 | | | | | | |
| RIVER-BRIDGE BOYOBOY HATTIE | USA 71753273 | | | | | | 3 |
| RIVER-BRIDGE BRADNICK TYMEX | USA 71753324 | | | | | | |
| RIVER-BRIDGE BRGHM MEADOW | 840003123617125 | | | | | | |
| RIVER-BRIDGE BRIGHAM TRISSY | 840003123617127 | | | | | | |
| RIVER-BRIDGE BROKAW 1664 | USA 71753321 | | | | | | |
| RIVER-BRIDGE BROKAW MILA | USA 71753295 | | | | | | |
| RIVER-BRIDGE BROKAW ROSE | 840003123617094 | C | | | | C | |
| RIVER-BRIDGE BROKAW SHADOW | 840003123617055 | | | | | | |
| RIVER-BRIDGE BROKAW TRUFFEL | 840003123617126 | | | | | | |
| RIVER-BRIDGE BROKAW TWIX-ET | USA 71753291 | | | | | | |
| RIVER-BRIDGE BUGGLES CRI-ET | USA 70541726 | | | | | | |
| RIVER-BRIDGE CAB FLORA-TW | USA 71753389 | | | | | | |
| RIVER-BRIDGE CAB FLOWER-TW | USA 71753388 | | | | | | |
| RIVER-BRIDGE CAB TEGEN | USA 71753383 | | C | | | | |
| RIVER-BRIDGE CAB TOXIE | USA 71753397 | | | | | | |
| RIVER-BRIDGE CHAP BURKLEE | USA 71753230 | | | | | | |
| RIVER-BRIDGE CHAP TRESSY | USA 69908781 | | | | | | |
| RIVER-BRIDGE CHASER JIVES | 840003123617168 | | | | | | |
| RIVER-BRIDGE CHEQUE 1846 | 840003123617037 | | | | | | |
| RIVER-BRIDGE CHEQUE BEVINN | 840003123616991 | | | | | | |
| RIVER-BRIDGE CHEQUE ZION | 840003123616987 | | | | | | |
| RIVER-BRIDGE CLARK BRAID | 840003123617008 | | | | | | |
| RIVER-BRIDGE CLARK TASSY-ET | USA 71753326 | | | | | | |
| RIVER-BRIDGE CLARK TRIX-ET | USA 71753252 | | | | | | |
| RIVER-BRIDGE COLBY SASH | USA 66168410 | | C | | | | |
| RIVER-BRIDGE CR GENICA | 840003123617053 | | | | | | |
| RIVER-BRIDGE CR YOLA-ET | 840003123617048 | | | | | | |
| RIVER-BRIDGE CSO TRIBUTE-ET | USA 66168495 | | | | | | |
| RIVER-BRIDGE CUERVO 1904 | 840003123617095 | | | | | | |
| RIVER-BRIDGE CUERVO MEADOW | 840003123617082 | | | | | | |
| RIVER-BRIDGE CUERVO NADIA | 840003123617091 | | | | | | |
| RIVER-BRIDGE CUERVO TOPPER | 840003123617080 | | | | | | |
| RIVER-BRIDGE D DAY 40028-ET | 840003010634001 | | | | | | |
| RIVER-BRIDGE D OBEY 7994-ET | 840003126539960 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE D OBEY 7998-ET | 840003126539964 | | | | | | |
| RIVER-BRIDGE D OBEY 8152-ET | 840003128824658 | | | | | | |
| RIVER-BRIDGE DAY SELDA-TW | USA 71753236 | | | | | | |
| RIVER-BRIDGE DAY SELENA-TW | USA 71753237 | | | | | | |
| RIVER-BRIDGE DEFEND PHOENIX | 840003123617073 | | | | | | |
| RIVER-BRIDGE DEFENDER YU | 840003123617071 | | | | | | |
| RIVER-BRIDGE DELFINO RITZ | 840003123617160 | | C | | | | |
| RIVER-BRIDGE DELTA 8153-ET | 840003128824659 | | | | | | |
| RIVER-BRIDGE DELTA 8156-ET | 840003128824662 | | | | | | |
| RIVER-BRIDGE DELTA 8159-ET | 840003128824665 | | | | | | |
| RIVER-BRIDGE DELTA CINDER | 840003123617093 | | | | | | |
| RIVER-BRIDGE DELTA YULISSA | 840003123617098 | | | | | | |
| RIVER-BRIDGE DENALI CASTLE | USA 69908723 | | C | | | | 3 |
| RIVER-BRIDGE DISTN 2004 | 840003134584982 | | | | | | |
| RIVER-BRIDGE DOLO CARYN | 840003123617035 | | | | | | |
| RIVER-BRIDGE DOMAIN HAYDEN | USA 69908755 | | | | | | |
| RIVER-BRIDGE DORCY SASILY | 840003123617051 | | | | | | |
| RIVER-BRIDGE DORCY TABBY | 840003123617029 | | | | | | |
| RIVER-BRIDGE DRAYTON BUZZER | 840003123617032 | | | | | | |
| RIVER-BRIDGE DRCTN YELLO | 840003123617111 | | | | | | |
| RIVER-BRIDGE DRTCTN SOUTH | 840003123617122 | | | | | | |
| RIVER-BRIDGE EARHRDT MORAN | 840003123617001 | | | | | | |
| RIVER-BRIDGE EFFECT JETTA | 840003123617103 | | | | | | |
| RIVER-BRIDGE EMERALD TOBY | 840003123617078 | | | | | | |
| RIVER-BRIDGE EMERALD YUKON | 840003123617040 | | | | | | |
| RIVER-BRIDGE EMRLD TABER-ET | 840003123617079 | | | | | | |
| RIVER-BRIDGE EMRLD TABOO-ET | 840003123617084 | | | | | | |
| RIVER-BRIDGE EMRLD TIBET-ET | 840003123617088 | | | | | | |
| RIVER-BRIDGE EPIC BLOOM-ET | USA 71753229 | | | | | | |
| RIVER-BRIDGE EPIC BLUSH-ET | USA 71753222 | | | | | | |
| RIVER-BRIDGE ERAS 21107-ET | 840003131634382 | | | | | | |
| RIVER-BRIDGE FLEX PATZY | 840003123617149 | | | | | | |
| RIVER-BRIDGE FLEX TAPE | 840003123617166 | | C | | | | |
| RIVER-BRIDGE FRANK FANCY | USA 69908730 | | | | | | |
| RIVER-BRIDGE G YORI 8108-ET | 840003128824614 | | | | | | |
| RIVER-BRIDGE GAL OPAL | 840003123617120 | | C | | | | |
| RIVER-BRIDGE GALAXY TANZY | USA 71753322 | | | | | | |
| RIVER-BRIDGE GALLOWAY 1974 | 840003123617165 | | C | | | | |
| RIVER-BRIDGE GC BRISTIL | USA 71753232 | | | | | | |
| RIVER-BRIDGE GC MOXIE | USA 71753281 | C | | | | | |
| RIVER-BRIDGE GEMSTONE MIA | 840003123617083 | | | | | | |
| RIVER-BRIDGE GLLWY BAYLOR | 840003123617139 | | | | | | |
| RIVER-BRIDGE GLLWY THELMA | 840003123617141 | | C | | | | |
| RIVER-BRIDGE GLLWY YOUTUBE | 840003123617145 | | C | | | | |
| RIVER-BRIDGE GMSTN JAZMIN | 840003123617092 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE GNTY ANNIE-ET | 840003123617151 | | | | | | |
| RIVER-BRIDGE GNTY YUTACA-ET | 840003123617140 | | | | | | |
| RIVER-BRIDGE GRAFETI BONITA | USA 71753216 | | | | | | 1 |
| RIVER-BRIDGE GRAFETI GABELA | USA 69908784 | | | | | | 1 |
| RIVER-BRIDGE GREATEST TOBI | 840003123616993 | | | | | | |
| RIVER-BRIDGE GUN TEAL | 840003123617189 | | | | | | |
| RIVER-BRIDGE GUN YEMEN | 840003134584989 | | | | | | |
| RIVER-BRIDGE GUN ZINGER-ET | 840003134584978 | | | | | | |
| RIVER-BRIDGE HAL ODESSA-ET | 840003123617028 | | | | | | |
| RIVER-BRIDGE HAL OLIVIA-ET | 840003123617025 | | | | | | |
| RIVER-BRIDGE HAL OLYNDA-ET | 840003123617026 | | | | | | |
| RIVER-BRIDGE HALOGEN TATTER | 840003123617086 | | | | | | |
| RIVER-BRIDGE HALOGEN YESTER | 840003123617013 | | | | | | |
| RIVER-BRIDGE HERO TAYLOR-ET | 840003123617065 | | C | | | | |
| RIVER-BRIDGE HILL MYISHA | USA 69908745 | | | | | | |
| RIVER-BRIDGE ICEBERG DORBY | 840003123617054 | | | | | | |
| RIVER-BRIDGE INSDR BLISS | 840003134584980 | | | | | | |
| RIVER-BRIDGE INSIDER JACOY | 840003134584988 | | | C | | | |
| RIVER-BRIDGE JACEY REGEN | USA 71753391 | C | | | | | |
| RIVER-BRIDGE JADEN YULAN-ET | 840003123616964 | | | | | | |
| RIVER-BRIDGE JAYDEN YAEL-ET | 840003123616950 | | | | | | |
| RIVER-BRIDGE JAYDEN YUNA-ET | 840003123616981 | | | | | | |
| RIVER-BRIDGE KIAN TATUM | 840003123617116 | | | | | | |
| RIVER-BRIDGE KRISTOF DOMAIN | USA 71753241 | | | | | | |
| RIVER-BRIDGE LARGE YILMA | USA 71753280 | | | | | | |
| RIVER-BRIDGE LEX SPIRIT-ET | USA 71753361 | | C | | | | |
| RIVER-BRIDGE LEX TERRI-ET | USA 71753344 | | C | | | | |
| RIVER-BRIDGE LITH TRINDA-ET | USA 71753350 | | C | | | | |
| RIVER-BRIDGE LITH TRINLY-ET | USA 71753347 | | | | | | |
| RIVER-BRIDGE LITH YORDAN-ET | USA 71753340 | | | | | | |
| RIVER-BRIDGE LITH YORENI-ET | USA 71753341 | | | | | | |
| RIVER-BRIDGE LITHIUM ELISA | USA 71753346 | | | | | | |
| RIVER-BRIDGE LOCH MARSALA | 840003123617046 | | | | | | |
| RIVER-BRIDGE M YORI 8097-ET | 840003128824603 | | | | | | |
| RIVER-BRIDGE M YORI 8101-ET | 840003128824607 | | | | | | |
| RIVER-BRIDGE MACK TANGLE | 840003123616961 | | | | | | |
| RIVER-BRIDGE MAD MAX JEWELS | 840003123617081 | | | | | | |
| RIVER-BRIDGE MAD MAX YEZZY | 840003123617108 | | | | | | |
| RIVER-BRIDGE MADRON JUNGLE | 840003134584993 | | | C | | | |
| RIVER-BRIDGE MADRON TAI | 840003123617170 | | | C | | | |
| RIVER-BRIDGE MAURICE ZOFIE | 840003123616958 | | | | | | |
| RIVER-BRIDGE MCCUTCH ROYAL | USA 71753404 | | | | | | |
| RIVER-BRIDGE MCTCH YACOA-ET | 840003123617154 | | | | | C | |
| RIVER-BRIDGE MCUTCH TAMRA | USA 71753348 | | | | | | |
| RIVER-BRIDGE MGL TILANA-ET | USA 71753262 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE MGL TIPPER-ET | USA 71753261 | | | | | | |
| RIVER-BRIDGE MILES 1875 | 840003123617066 | | | | | | |
| RIVER-BRIDGE MNT TAMIKO-ET | 840003123617106 | | | | | | |
| RIVER-BRIDGE MOGUL TURBO | USA 72477097 | | | | | | |
| RIVER-BRIDGE MOGUL YOGA | USA 71753353 | | | | | | |
| RIVER-BRIDGE MSCDT DRAMA | 840003123617157 | | | | | | |
| RIVER-BRIDGE MSCDT YURI-ET | 840003123617128 | | | | | | |
| RIVER-BRIDGE MTRS TABBY-ET | 840003123617076 | | | | | | |
| RIVER-BRIDGE MUSCADET ASIA | 840003123617138 | | | | | | |
| RIVER-BRIDGE OAK GABRIELLA | 840003123616946 | | | | | | |
| RIVER-BRIDGE OAK JYNX | 840003123616975 | | | | | | |
| RIVER-BRIDGE OBSR DREAM | USA 69908732 | | | | | | |
| RIVER-BRIDGE OCTFST COORS | 840003134584990 | | | C | | | |
| RIVER-BRIDGE OCTFST ZIN | 840003134584996 | | | | | | |
| RIVER-BRIDGE OLYM MEDALLION | 840003123617162 | | | | | | |
| RIVER-BRIDGE OLYMP METAL | 840003123617159 | | | | | | |
| RIVER-BRIDGE OLYMP YOLA | 840003123617133 | | | | | | |
| RIVER-BRIDGE OMEGA MALLORY | 840003123617009 | | | | | | 1 |
| RIVER-BRIDGE OMEGA SALUTE | 840003123617000 | | C | | | | |
| RIVER-BRIDGE P OBEY 7959-ET | 840003126539925 | | | | | | |
| RIVER-BRIDGE PAIGE JAE-RED | USA 71753349 | | | | | | |
| RIVER-BRIDGE PERRY AMARILLO | USA 69908768 | | | | | | |
| RIVER-BRIDGE PERRY BLAIR-ET | USA 69908793 | | | | | | |
| RIVER-BRIDGE PERY BRAZIL-ET | USA 69908796 | | | | | | |
| RIVER-BRIDGE PETY 1854 | 840003123617045 | | | | | | |
| RIVER-BRIDGE PLANET BOW | USA 66168431 | | | | | | |
| RIVER-BRIDGE PLTO YAILYN-ET | 840003123617090 | | | | | | |
| RIVER-BRIDGE PR BRANDI-ET | 840003123616989 | | | | | | |
| RIVER-BRIDGE PR BRINLEE-ET | 840003123616992 | | | | | | |
| RIVER-BRIDGE PR BRISS-ET | 840003123616996 | | | | | | |
| RIVER-BRIDGE PR BRITTA-ET | 840003123616990 | | | | | | |
| RIVER-BRIDGE PR TOFFEY-ET | 840003123616972 | | | | | | |
| RIVER-BRIDGE PR Y-NOT | 840003123617041 | | | | | | |
| RIVER-BRIDGE PRED THEDA-ET | 840003123616985 | | | | | | 3 |
| RIVER-BRIDGE PRED TRULEA-ET | 840003123616955 | | | | | | 3 |
| RIVER-BRIDGE PREDES YOSHE | 840003123616954 | | | | | | 3 |
| RIVER-BRIDGE RACER 161-ET | USA 73419763 | | | | | | |
| RIVER-BRIDGE RACER GILDA-ET | 840003123617019 | | | | | | |
| RIVER-BRIDGE RACER GINNY-ET | 840003123617023 | | | | | | |
| RIVER-BRIDGE RACR GILMOR-ET | 840003123617069 | | | | | | |
| RIVER-BRIDGE RANSOM YORI-ET | USA 71753365 | | | | | | |
| RIVER-BRIDGE RELIEF P GAIL | 840003123617003 | | | | | | |
| RIVER-BRIDGE REQUEST TEA | 840003134584991 | | | | | | |
| RIVER-BRIDGE ROBUST CURINE | USA 69908795 | | | | | | |
| RIVER-BRIDGE RQST GIZELA | 840003123617158 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE SAJAC BLISS | USA 71753327 | | | | | | |
| RIVER-BRIDGE SAJAC RACH-ET | USA 71753330 | | | | | | |
| RIVER-BRIDGE SAVE ALOT | 840003123617052 | | | | | | |
| RIVER-BRIDGE SCT TOPAZ-ET | USA 66168449 | | | | | | 1 |
| RIVER-BRIDGE SCT TOYKO-ET | USA 66168450 | | | | | | |
| RIVER-BRIDGE SCT TREASURE | USA 66168444 | | | | | | |
| RIVER-BRIDGE SKODA JUNIE-ET | USA 71753398 | | | | | | |
| RIVER-BRIDGE SKY TRUFFLE-ET | 840003123616956 | | | | | | |
| RIVER-BRIDGE SNOMO HURLEY | USA 71753392 | | | C | | | 3 |
| RIVER-BRIDGE SPARK ADAR | 840003123617187 | | | | | | |
| RIVER-BRIDGE SPMINT TRIDENT | USA 66168533 | | C | | | | |
| RIVER-BRIDGE SPRING TIME | 840003134584984 | | | | | | |
| RIVER-BRIDGE SPRK TARIKA-ET | 840003123617177 | | | | | | |
| RIVER-BRIDGE SPRK TARINA-ET | 840003123617182 | | | | | | |
| RIVER-BRIDGE SPRSHT 7980-ET | 840003126539946 | | | | | | |
| RIVER-BRIDGE SPRSHT 7981-ET | 840003126539947 | | | | | | |
| RIVER-BRIDGE SPRSNC YUKI | USA 71753256 | | | | | | |
| RIVER-BRIDGE SSHT TEMP-ET | 840003123617156 | | | | | | |
| RIVER-BRIDGE SSHT TEMPIE-ET | 840003123617155 | | | | | | |
| RIVER-BRIDGE SSHT TEMPLA-ET | 840003123617153 | | | | | | |
| RIVER-BRIDGE STOC 16878-ET | 840003126462061 | | | | | | |
| RIVER-BRIDGE STOC 16920-ET | 840003126462103 | | | | | | |
| RIVER-BRIDGE STOIC JANE | 840003123617018 | | | | | | |
| RIVER-BRIDGE SUPSNC ADESSA | USA 71753254 | | | | | | |
| RIVER-BRIDGE SYMPA MACY-RED | USA 71753357 | | | | | | |
| RIVER-BRIDGE TANGO BROOKE | 840003123616948 | | | | | | |
| RIVER-BRIDGE TANGO MADDOX | USA 71753390 | | C | | | | |
| RIVER-BRIDGE TANGO TISH-ET | USA 71753396 | | C | | | | |
| RIVER-BRIDGE TANGO TOPAZ-ET | 840003123616942 | | | | | | |
| RIVER-BRIDGE TANGO TOPSY-ET | 840003123616940 | | | | | | |
| RIVER-BRIDGE TANGO YARA-ET | USA 71753401 | | C | | | | |
| RIVER-BRIDGE TANGO YON-ET | USA 71753403 | | C | | | | |
| RIVER-BRIDGE TASHI 8084-ET | 840003128824590 | | | | | | |
| RIVER-BRIDGE TASHI 8095-ET | 840003128824601 | | | | | | |
| RIVER-BRIDGE TASHI 8111-ET | 840003128824617 | | | | | | |
| RIVER-BRIDGE TINLEY 7431-ET | 840003013842299 | | | | | C | |
| RIVER-BRIDGE TINLEY 7433-ET | 840003013842301 | | | | | C | |
| RIVER-BRIDGE TINLEY 7435-ET | 840003013842303 | | | | | C | |
| RIVER-BRIDGE TINLEY 7499-ET | 840003013842367 | | | | | | |
| RIVER-BRIDGE TINLEY 7633-ET | 840003124651573 | | | | | | |
| RIVER-BRIDGE TINLEY 7646-ET | 840003124651586 | | | | | | |
| RIVER-BRIDGE TINLEY 7851-ET | 840003126539817 | | | | | | |
| RIVER-BRIDGE TINLEY 7857-ET | 840003126539823 | | | | | | |
| RIVER-BRIDGE TINLEY 7858-ET | 840003126539824 | | | | | | |
| RIVER-BRIDGE TINLEY 7944-ET | 840003126539910 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-BRIDGE TINLEY 8178-ET | 840003128824684 | | | | | | |
| RIVER-BRIDGE TINLY 7753-ET | 840003124651693 | | | | | | |
| RIVER-BRIDGE TINLY 7758-ET | 840003124651698 | | | | | | |
| RIVER-BRIDGE TINLY 7763-ET | 840003124651703 | | | | | | |
| RIVER-BRIDGE TINLY 7852-ET | 840003126539818 | | | | | | |
| RIVER-BRIDGE TINLY 7902-ET | 840003126539868 | | | | | | |
| RIVER-BRIDGE TINY 7908-P-ET | 840003126539874 | | | | | | |
| RIVER-BRIDGE TINY 7910-P-ET | 840003126539876 | | | | | | |
| RIVER-BRIDGE TINY 7925-P-ET | 840003126539891 | | | | | | |
| RIVER-BRIDGE TRIGGER TUNER | USA 69908729 | | | | | C | |
| RIVER-BRIDGE TROY BURKLY-ET | 840003123617014 | | | | | | |
| RIVER-BRIDGE TROY SHADOW | 840003123617022 | | | | | | |
| RIVER-BRIDGE TROY TAFFY-ET | 840003123617030 | | | | | | |
| RIVER-BRIDGE UNITE YEMEN-ET | 840003123617135 | | | | | | |
| RIVER-BRIDGE UNO BENITA-ET | USA 71753250 | | | | | | |
| RIVER-BRIDGE UNO BERNITA-ET | USA 71753245 | | | | | | |
| RIVER-BRIDGE UNO YOSHI-ET | USA 71753366 | | | | | | |
| RIVER-BRIDGE UPTOWN SHUTTER | 840003123617064 | | | | | | |
| RIVER-BRIDGE WILTON TOPHIE | USA 71753226 | | | | | | |
| RIVER-BRIDGE WISEMAN YUTACA | 840003123616982 | | | | | | |
| RIVER-BRIDGE WMAN ALEX-TW | 840003123617033 | | | | | | |
| RIVER-BRIDGE WMAN ALEXA-TW | 840003123617034 | | C | | | | |
| RIVER-BRIDGE WOOD CARSYN | 840003123616986 | | | | | | |
| RIVER-BRIDGE WOOD NEVAEH | 840003123616969 | | | | | | |
| RIVER-BRIDGE YANO KALEIGH | USA 71753213 | | | | | | |
| RIVER-BRIDGE YATES SOCCER | 840003123616973 | | | | | | |
| RIVER-BRIDGE YATES TRUDY | 840003123616998 | | | | | | |
| RIVER-BRIDGE YATES TYRA | 840003123616984 | | | | | | |
| RIVER-BRIDGE YESTERDAY-ET | USA 71753260 | | | | | | |
| RIVER-BRIDGE YING YANG TANG | 840003123617074 | | | | | | |
| RIVER-BRIDGE YOMEGA 7099-ET | 840003011817198 | | | | | | |
| RIVER-BRIDGE YONDER 7424-ET | 840003013842292 | | C | | | | |
| RIVER-BRIDGE YOVANI SILK | USA 71753382 | | | | | | |
| RIVER-DIVIDE ALXNDR DANI-ET | USA 69436362 | | | | | | |
| RIVER-DIVIDE ASHCK DOLLY-ET | USA 69436365 | | | C | | | |
| RIVER-DIVIDE ATWOD DIXIE-ET | USA 69436367 | | | C | | | |
| RIVER-DIVIDE G LEENA-RED-ET | USA 72583943 | | | | | | |
| RIVER-DIVIDE GOLD BABY-ET | USA 71358892 | | | | | | 1 |
| RIVER-DIVIDE GOLD BIANKA-ET | USA 71358891 | | | | | | |
| RIVER-DIVIDE JA MAJESTIC-ET | USA 72583935 | | | | | | |
| RIVER-DIVIDE JAB MYSTERY-ET | USA 72583937 | | | | | | |
| RIVER-DIVIDE JAB MYSTICA-ET | USA 72583934 | | | | | | |
| RIVER-DIVIDE JAB MYSTIFY-ET | USA 72583933 | | | | | | |
| RIVER-DIVIDE MAXI-ET | USA 74006555 | | | | | | |
| RIVER-DIVIDE MERICA-ET | USA 74006553 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-DIVIDE MYLAR-ET | USA 74006554 | | | | | | |
| RIVER-DIVIDE PULSAR MONA-ET | USA 74006543 | | | | | | |
| RIVER-DIVIDE PULSAR MYRA-ET | USA 74006546 | | | | | | |
| RIVER-DIVIDE SMATIC LIZA-ET | USA 69436318 | | | | | | |
| RIVER-DIVIDE STORM LEXY-ET | USA 62710431 | | | | | | |
| RIVER-ET | DEU 116041184 | | | | | | 1 |
| RIVER-GORGE ALLEN OPAL-ET | USA 140063387 | | | | | | |
| RIVER-GORGE DECIS KISHI-ET | USA 129457143 | | | | | | |
| RIVER-MTN ABRAM 12745 | USA 72871922 | | | | | | |
| RIVER-MTN ARMANI 12734 | USA 72871911 | | | | | | |
| RIVER-MTN ARMANI 12752 | USA 72871929 | | | | | | |
| RIVER-MTN ARMANI 12861 | USA 73229769 | | | | | | 1 |
| RIVER-MTN BRAXTON 12926 | USA 73229834 | | | | | | 1 |
| RIVER-MTN DONATELLO 13402 | USA 73477362 | | | | | | |
| RIVER-MTN DONATELLO 13919 | 840003125178653 | | | | | C | |
| RIVER-MTN DREAMER 12790 | USA 72871967 | | | | | | |
| RIVER-MTN DREAMER 12884 | USA 73229792 | | | | | | |
| RIVER-MTN DURABLE 12367 | USA 72619071 | | C | | | | 3 |
| RIVER-MTN DURABLE 12718 | USA 72871895 | | | | | | 3 |
| RIVER-MTN DURABLE 13102 | USA 73230010 | | | | | | 3 |
| RIVER-MTN G W ATWOOD 13088 | USA 73229996 | | | | | | |
| RIVER-MTN G W ATWOOD 13287 | USA 73477247 | | | | | | |
| RIVER-MTN GABOR 12684 | USA 72871861 | | | | | | |
| RIVER-MTN GABOR 12801 | USA 73229709 | | | | | | |
| RIVER-MTN GABOR 12981 | USA 73229889 | | | | | | |
| RIVER-MTN GABOR 13055 | USA 73229963 | | | | | | |
| RIVER-MTN GABOR 13056 | USA 73229964 | | | | | | |
| RIVER-MTN GABOR 13094 | USA 73230002 | | | | | | |
| RIVER-MTN GABOR 13121 | USA 73230029 | | | | | | |
| RIVER-MTN GABOR 13239 | USA 73477199 | | | | | | |
| RIVER-MTN GABOR 13710 | 840003125178444 | | | | | | |
| RIVER-MTN GABOR 13893 | 840003125178627 | | | | | | |
| RIVER-MTN GABOR 13927 | 840003125178661 | | | | | | |
| RIVER-MTN GABOR 13982 | 840003125178716 | C | | | | | |
| RIVER-MTN GABOR 14008 | 840003126229426 | | | | | | |
| RIVER-MTN GIANT 13967 | 840003125178701 | | | | | | 3 |
| RIVER-MTN GULF 12893 | USA 73229801 | | | | | | |
| RIVER-MTN GULF 12971 | USA 73229879 | | | | | | |
| RIVER-MTN GULF 13013 | USA 73229921 | C | | | | | |
| RIVER-MTN GULF 13078 | USA 73229986 | | | | | | |
| RIVER-MTN GUTHRIE 12688 | USA 72871865 | | | | | | |
| RIVER-MTN HEADLINER 13215 | USA 73477175 | | | | | | |
| RIVER-MTN HEADLINER 13230 | USA 73477190 | | | | | | |
| RIVER-MTN HEADLINER 13921 | 840003125178655 | | | | | | |
| RIVER-MTN HEADLINER 13929 | 840003125178663 | | C | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-MTN JAKE 12781 | USA 72871958 | | | | | | |
| RIVER-MTN KRISTOFF 13080 | USA 73229988 | | | | | | |
| RIVER-MTN MAGNUS 13181 | USA 73230089 | | | | | | |
| RIVER-MTN MAXUM 12644-TW | USA 72871821 | | | | | | |
| RIVER-MTN MAXUM 12746 | USA 72871923 | | | | | | |
| RIVER-MTN MAXUM 12784 | USA 72871961 | | | | | | |
| RIVER-MTN MAXUM 12808 | USA 73229716 | | | | | | |
| RIVER-MTN MAXUM 12951 | USA 73229859 | | | | | | |
| RIVER-MTN MAXUM 13209 | USA 73477169 | | | | | | |
| RIVER-MTN MAYFIELD 12824 | USA 73229732 | | | | | | |
| RIVER-MTN MAYFIELD 13034 | USA 73229942 | | | | | | |
| RIVER-MTN MAYFIELD 13043 | USA 73229951 | | | | | | |
| RIVER-MTN MAYFIELD 13220 | USA 73477180 | | | | | | |
| RIVER-MTN MAYFIELD 13323 | USA 73477283 | | | C | | | |
| RIVER-MTN MCNUGGETS 13973 | 840003125178707 | | | | | | |
| RIVER-MTN MCNUGGETS 13977 | 840003125178711 | | | | | | |
| RIVER-MTN MOGUL 13135 | USA 73230043 | | | | | | |
| RIVER-MTN PATRIOT 12860 | USA 73229768 | C | | | | | |
| RIVER-MTN PETRONE 12733 | USA 72871910 | | | | | | |
| RIVER-MTN RAY 12922 | USA 73229830 | | | | | | |
| RIVER-MTN ROLAND 12627 | USA 72871804 | | | C | | | |
| RIVER-MTN ROLAND 12726 | USA 72871903 | | | | | | |
| RIVER-MTN ROLAND 12738 | USA 72871915 | | | | | | |
| RIVER-MTN ROLAND 12821 | USA 73229729 | | | C | | | |
| RIVER-MTN ROLAND 13002 | USA 73229910 | C | | | | | |
| RIVER-MTN ROLAND 13060 | USA 73229968 | | | | | | |
| RIVER-MTN ROLAND 13902 | 840003125178636 | | | | | | |
| RIVER-MTN ROLAND 13906 | 840003125178640 | | | | | | 3 |
| RIVER-MTN SHAMROCK 12975-TW | USA 73229883 | | | C | | | |
| RIVER-MTN SHAMROCK 12984 | USA 73229892 | | | | | | |
| RIVER-MTN SHAMROCK 13880 | 840003125178614 | | | | | | |
| RIVER-MTN SHAMROCK 14130 | 840003126229548 | | C | | | | |
| RIVER-MTN SHAW 12782 | USA 72871959 | | | | | C | |
| RIVER-MTN SHAW 12814 | USA 73229722 | | | | | C | |
| RIVER-MTN SHAW 12874 | USA 73229782 | | | | | | |
| RIVER-MTN SHAW 12900 | USA 73229808 | | | | | | |
| RIVER-MTN SHOT 13008 | USA 73229916 | | | | | C | |
| RIVER-MTN SHOT 13023 | USA 73229931 | | | | | | |
| RIVER-MTN SHOT 13040 | USA 73229948 | | | | | C | |
| RIVER-MTN SHOT 13054 | USA 73229962 | | | | | C | |
| RIVER-MTN SHOT 13075 | USA 73229983 | | | | | C | |
| RIVER-MTN STERLING 13144 | USA 73230052 | | | | | | |
| RIVER-MTN YANCE 12762 | USA 72871939 | | | | | | |
| RIVER-MTN YANCE 14265 | 840003126229683 | | | | | | |
| RIVER-PLAIN COSMOPLIT MIAMI | USA 71895548 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RIVER-PLAIN EARN MAGICAL-ET | USA 71895549 | | | | | | |
| RIVER-PLAIN EARNH MASHED-ET | USA 71895544 | | | | | | |
| RIVER-VALLEY BARBARA 1-ET | 840003011049689 | | | | | | 4 |
| RIVER-VALLEY BARBARA 2-ET | 840003011049682 | | | | | | 3 |
| RIVER-VALLEY BARBARA 3-ET | 840003011049681 | | | | | | 3 |
| RIVER-VALLEY BARBARA 4-ET | 840003011049679 | | | | | | 3 |
| RIVERDANE GOLD ASHLYN-ET | GBR 11413871 | | | | | | 1 |
| RIVERDANE ROSE-ET | GBR 11364177 | | | | | | |
| RIVERDANE SHOTTLE AMBER-ETS | GBR 11764251 | | | | | C | 1 |
| RIVERDOWN GOLDWYN AINKA-ET | CAN 10842656 | | | | | | |
| RIVERDOWN V SNOWMAN DELICAT-ET | CAN 10842792 | | | C | | | |
| RIVERDOWN V SNOWMAN DESIRE-ETS | CAN 10842779 | | | | | | |
| RIVERDOWN V SNOWMAN DIVINI-ETS | CAN 10842780 | | | | | | |
| RIVERDOWN V SUPERSONIC DEL-ETS | CAN 10842801 | | | | | | |
| RIVERVIEW-DALE MNTRSS REYNA | 840003129439894 | | | | | | |
| RJ-BROOK AFTERSHOCK LEOLA | USA 143429791 | | | | | | |
| RJ-TEX GOLDWYN MARCELLA-ET | USA 63232199 | | | | | | |
| RJJ-STARBUCK LEXOR DEVINE | USA 73728158 | | | | | | |
| RJR 1STCLAS 4616 | 840003128801472 | | | | | | |
| RJR ANAHIEM 4201-TW | USA 74001293 | | | | | | |
| RJR ANAHIEM 4202-TW | USA 74001294 | | | | | | |
| RJR ANDERSON 3424 | USA 71795155 | | | | | | |
| RJR ATTIC 3490-ET | USA 71795221 | | | | | | |
| RJR ATTIC 4197-ET | USA 74001289 | | | | | | |
| RJR AUDEN 1636-ET | USA 65671788 | | | | | | |
| RJR AUDEN 1683-ET | USA 65671835 | C | | | | | |
| RJR AUDEN 1688-ET | USA 65671840 | C | | | | | |
| RJR AUDEN 1692-ET | USA 65671844 | C | | | | | |
| RJR AUDEN DOMMIKA CRI-ET | USA 64541776 | | | | | | |
| RJR AVERY 2957-ET | USA 71084951 | | | C | | | |
| RJR AVERY 2958-ET | USA 71084952 | | | C | | | 1 |
| RJR AVERY 2965 | USA 71084959 | | C | C | | C | 1 |
| RJR BALDWIN 3442-ET | USA 71795173 | | | | | | |
| RJR BEACON 2488-ET | USA 69817025 | | | | | | |
| RJR BOLIVER DASHA CRI-ET | USA 64541761 | | | | | | |
| RJR BOLIVER DODY CRI-ET | USA 64541760 | | | | | | |
| RJR BOMBERO 4155-ET | USA 74001247 | | | | | | |
| RJR BOMBERO 4160-ET | USA 74001252 | | | | | | |
| RJR BOMBERO 4164-ET | USA 74001256 | | | | | | |
| RJR BOMBERO 4219 | USA 74001311 | | | | | | |
| RJR BOMBERO 4353 | USA 74001445 | | | | | | |
| RJR BOMBERO 4371-ET | USA 74001463 | | | | | | |
| RJR BOOKEM 2736 | USA 70502523 | | | | | | |
| RJR BOOKEM 2778-ET | USA 70502565 | | | | | | |
| RJR BOOKEM 2829-ET | USA 70502616 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RJR BOOKEM 2967-ET | USA 71084961 | | | | | | |
| RJR BRIGHAM 4311 | USA 74001403 | | | | | | |
| RJR CASHCOIN 3813 | USA 73247027 | | | | | | |
| RJR CASINO DESSY CRI-ET | USA 68767209 | | | | | | |
| RJR CASSINO 2068-ET | USA 68966343 | | | | | | |
| RJR CASSINO 2127 | USA 68966402 | | | | | | |
| RJR CASSIS CRI-ET | USA 64541793 | | C | | | | |
| RJR CASUAL 3876-ET | USA 73247090 | | | | | | |
| RJR CASUAL 3895-ET | USA 73247109 | | | | | | |
| RJR CASUAL 3904-ET | USA 73247118 | | | | | | |
| RJR CHEER CRI-ET | USA 64541799 | | | | | | |
| RJR CHERISH CRI-ET | USA 64541797 | | C | | | | |
| RJR DAY 3462 | USA 71795193 | | | | | | |
| RJR DAY 3485 | USA 71795216 | | C | | | | |
| RJR DETERMINE 3708-ET | USA 72505892 | | | | | | |
| RJR DETROIT 3414 | USA 71795145 | | | | | C | |
| RJR DETROIT 3468 | USA 71795199 | | | | | | |
| RJR DIVO 4395 | USA 74001487 | | | | | | |
| RJR DOMMAIN 2543-ET | USA 69817080 | | | | | | |
| RJR DOMMAIN 2546-ET | USA 69817083 | | | | | | |
| RJR DOMMAIN 2547-ET | USA 69817084 | | | | | | |
| RJR DOMMAIN 2597-ET | USA 69817134 | | | | | | |
| RJR DOMMAIN 2601-ET | USA 70502388 | | | | | | |
| RJR DOMMAIN 2726 | USA 70502513 | | | | C | | |
| RJR DOORMAN 3728-ET | USA 72505912 | | | | | | |
| RJR DOORMAN 3966-ET | USA 73247180 | | | | | C | |
| RJR DOORMAN 3967-ET | USA 73247181 | | | | | | |
| RJR DOORMAN 4048-ET | USA 73247262 | | | | | | |
| RJR DOORMAN 4051-ET | USA 73247265 | | | | | | |
| RJR DOORMAN 4813-ET | 840003134817129 | | | | | | |
| RJR DOORMAN 4815-ET | 840003134817131 | | | | | | |
| RJR DOORMAN 4816-ET | 840003134817132 | | | | | | |
| RJR ELATION ADEEN | USA 135487563 | | | | | | |
| RJR ELEGANT 1269-ET | USA 62726153 | | C | | | | |
| RJR ENDURE 4875-ET | 840003134817191 | | | | | | |
| RJR ENFORCER 3765 | USA 72505949 | | | | | | |
| RJR EPIC 3222-ET | USA 71794953 | | | | | | |
| RJR EPIC 3226-ET | USA 71794957 | | | | | | |
| RJR FLAME 3964-ET | USA 73247178 | | | | | | |
| RJR FLAME 4055-ET | USA 73247269 | | | | | | |
| RJR FLAME 4058-ET | USA 73247272 | | | | | | |
| RJR FLAME 4060-ET | USA 73247274 | | | | | | |
| RJR GO VG TS CASSIE-ET | USA 63375703 | | C | | | | |
| RJR GOLD CHIP 2981 | USA 71084975 | | | | | | |
| RJR GOLD CHIP 3053-ET | USA 71085047 | | C | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RJR GOLDWYN 1737-ET | USA 65671889 | C | | | | | 1 |
| RJR GOLDWYN 1798-ET | USA 65671950 | | | | | | 1 |
| RJR GOLDWYN 1802-ET | USA 66709526 | | C | | | | 1 |
| RJR GOLDWYN 1803-ET | USA 66709527 | | C | | | | |
| RJR GRAFEETI 3193 | USA 71085187 | | | | | | 1 |
| RJR HALOGEN 4783 | 840003128801639 | | | | | | |
| RJR HEADLINER 3751 | USA 72505935 | | | | | | |
| RJR HEADLINER 3971 | USA 73247185 | | | C | | | |
| RJR HIGHWAY 3449 | USA 71795180 | | | | | | |
| RJR HILL 2662-ET | USA 70502449 | | | | | | |
| RJR HILL 2733-ET | USA 70502520 | | | | | | |
| RJR HILL 2737-ET | USA 70502524 | | | | | | |
| RJR HILL 2743-ET | USA 70502530 | | | | | | |
| RJR HILL 2962-ET | USA 71084956 | | C | | | | |
| RJR HILL 2982-ET | USA 71084976 | | C | | | | |
| RJR HILL 2983-ET | USA 71084977 | | | | | | |
| RJR HILL 2984-ET | USA 71084978 | | C | | | | |
| RJR IOTA 2789-ET | USA 70502576 | | C | | | | |
| RJR IOTA BOUNTY | USA 70720782 | | | | | | |
| RJR JABIR 3807-ET | USA 73247021 | | | | | | |
| RJR JABIR 3809-ET | USA 73247023 | | | | | | |
| RJR JABIR 3812-ET | USA 73247026 | | | | | | |
| RJR JABIR 3819-ET | USA 73247033 | | | | | | |
| RJR JABIR 3914 | USA 73247128 | | | | | | |
| RJR JACKMAN 3864 | USA 73247078 | | | C | | | |
| RJR JEEVES 1830-ET | USA 66709554 | | | | | | |
| RJR JET STREAM 1341-ET | USA 62726225 | | C | | | | |
| RJR KARTOON 4167 | USA 74001259 | | | | | | 1 |
| RJR KICKBALL 3400-ET | USA 71795131 | | | | | | |
| RJR KICKBALL 3401-ET | USA 71795132 | | | | | | |
| RJR KICKBALL 3405-ET | USA 71795136 | | | | | | |
| RJR LARGE 3247 | USA 71794978 | | | | | | |
| RJR LARGE 3270-ET | USA 71795001 | | | | | | |
| RJR LATIMER 3452-ET | USA 71795183 | | | | | | |
| RJR LATIMER 3455-ET | USA 71795186 | | | | | | |
| RJR LATIMER 3528 | USA 72505712 | | | | | | 1 |
| RJR LATIMER 3564 | USA 72505748 | | | | | | |
| RJR LEIF 1781 | USA 65671933 | | C | | | | |
| RJR LEXOR 3272 | USA 71795003 | | | | | | |
| RJR LINEMAN 4212-ET | USA 74001304 | | | | | | |
| RJR LITHIUM 3448 | USA 71795179 | | | | | | |
| RJR MAC 1701-ET | USA 65671853 | | | | | | |
| RJR MAC 1702-ET | USA 65671854 | | | | | | |
| RJR MAC 1703-ET | USA 65671855 | | | | | | |
| RJR MASSEY 1972-ET | USA 66709696 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RJR MAYFIELD 3293-ET | USA 71795024 | | | C | | | |
| RJR MAYFIELD WISHFUL | USA 65246748 | | | | | | |
| RJR MCCUTCHEN 3509-ET | USA 72505693 | | | | | | |
| RJR MCCUTCHEN 3511-ET | USA 72505695 | | | | | | |
| RJR MCCUTCHEN 4310 | USA 74001402 | | | | | C | |
| RJR MERIDIAN 3426 | USA 71795157 | | | | | | |
| RJR MERIDIAN 4719 | 840003128801575 | | | | | | |
| RJR MOGUL 3305 | USA 71795036 | | | | | | |
| RJR MOGUL 3327-ET | USA 71795058 | | | | | | |
| RJR MOGUL 3419-ET | USA 71795150 | | | | | | |
| RJR MOGUL 3420-ET | USA 71795151 | | | | | | |
| RJR MOGUL 4699 | 840003128801555 | | | | | | |
| RJR MOGUL 4829-ET | 840003134817145 | | | | | | |
| RJR MOGUL 4843-ET | 840003134817159 | | | | | | |
| RJR MOGUL 4844-ET | 840003134817160 | | | | | | |
| RJR MOGUL 4845-ET | 840003134817161 | | | | | C | |
| RJR MOGUL 4846-ET | 840003134817162 | | | | | | |
| RJR MOGUL 4851-ET | 840003134817167 | | | | | C | |
| RJR MOGUL 4858-ET | 840003134817174 | | | | | C | |
| RJR MUNITION 3771 | USA 72505955 | | | C | | C | |
| RJR MYSPACE 4260 | USA 74001352 | | | | | | |
| RJR NOMINEE 3976 | USA 73247190 | | | | | | |
| RJR NOMINEE 4117 | USA 74001209 | | | | | | |
| RJR NUMERO UNO 3905-ET | USA 73247119 | | | | | | |
| RJR NUMERO UNO 3908-ET | USA 73247122 | | | | | | |
| RJR NUMERO UNO 4239-TW | USA 74001331 | | | | | | |
| RJR O-STYLE 2323 | USA 69816860 | | | | | | |
| RJR O-STYLE 2845 | USA 70502632 | | | C | | | |
| RJR OAK 3852-ET | USA 73247066 | | | | | | |
| RJR OAK 3853-ET | USA 73247067 | | | | | | |
| RJR OAK 3854-ET | USA 73247068 | | | | | | |
| RJR OAK 3858-ET | USA 73247072 | | | | | | |
| RJR OBSERVER 2482-ET | USA 69817019 | | | | | | |
| RJR OBSERVER 2554-ET | USA 69817091 | | C | | | | |
| RJR OBSERVER 2607 | USA 70502394 | | | | | | |
| RJR PANDORA CRI-ET | USA 64541725 | | | | | C | |
| RJR PECOS 1766 | USA 65671918 | | | | | | |
| RJR PEOTI 2998-ET | USA 71084992 | | | | | | |
| RJR PETRONE 3260 | USA 71794991 | | | | | | |
| RJR PETRONE 3410 | USA 71795141 | | | | | | |
| RJR PLANET 1886 | USA 66709610 | | | | | | |
| RJR PLANET 1942-ET | USA 66709666 | | | | | | |
| RJR PLANET 1943-ET | USA 66709667 | | C | | | | |
| RJR PRESIDENT 4139 | USA 74001231 | | | | | | |
| RJR PRESIDENT 4147-ET | USA 74001239 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RJR PRESIDENT 4249-ET | USA 74001341 | | | | | | |
| RJR PRESIDENT 4378-ET | USA 74001470 | | | | | | |
| RJR PRESIDENT 4381-ET | USA 74001473 | | | | | | |
| RJR PRESIDENT 4385 | USA 74001477 | | | | | | |
| RJR PURE 4256 | USA 74001348 | | | | | | |
| RJR PURE 4317 | USA 74001409 | | | | | | |
| RJR RAMOS 1552 | USA 64528639 | | | | | | |
| RJR RUBICON 4774 | 840003128801630 | | | | | | |
| RJR SANCHEZ 1909-ET | USA 66709633 | | | | | | |
| RJR SANCHEZ 1913-ET | USA 66709637 | | | | | | |
| RJR SANCHEZ 1914-ET | USA 66709638 | | | | | | |
| RJR SANCHEZ BABE-ET | USA 66709658 | | | | | | |
| RJR SHAMELESS 2833 | USA 70502620 | | | | | | |
| RJR SHAMROCK 2812-ET | USA 70502599 | | | | | | |
| RJR SHAMROCK 2818-ET | USA 70502605 | | C | | | | |
| RJR SHAMROCK 2825-ET | USA 70502612 | | | | | | |
| RJR SHAMROCK 2865 | USA 70502652 | | C | | | | |
| RJR SHAMROCK 3009-ET | USA 71085003 | | | | | | |
| RJR SHAMROCK 3055-ET | USA 71085049 | | | | | | |
| RJR SHAMROCK 3314 | USA 71795045 | | | | | | |
| RJR SHOTTLE 1783-ET | USA 65671935 | | | | | | |
| RJR SHOTTLE 2681 | USA 70502468 | | | | | | |
| RJR SHOTTLE 2775 | USA 70502562 | | | | | C | |
| RJR SHOTTLE 5891 CRI-ET | USA 63285425 | | | | | C | |
| RJR SHOTTLE PATSY CRI-ET | USA 64541727 | | | | | C | |
| RJR SHTLE 5887 CRI-ET | USA 63285421 | | | | | C | |
| RJR SID 3273-ET | USA 71795004 | | | | | | |
| RJR SID 3284-ET | USA 71795015 | | | | | | |
| RJR SID 4062-ET | USA 73247276 | | | | | | |
| RJR SID 4066-ET | USA 73247280 | | | | | | |
| RJR SID 4161-ET | USA 74001253 | | | | | C | |
| RJR SILVER 4673-ET | 840003128801529 | | | | | | |
| RJR SILVER 4677-ET | 840003128801533 | | | | | | |
| RJR SILVER 4680-ET | 840003128801536 | | | | | | |
| RJR SILVER 4683-ET | 840003128801539 | | | | | | |
| RJR SILVER 4685-ET | 840003128801541 | | | | | | |
| RJR SMURF 3639 | USA 72505823 | | | C | | | |
| RJR SMURF 3648 | USA 72505832 | | | | | | |
| RJR SMURF 3859 | USA 73247073 | | | | | | |
| RJR SNOWDEN 3251-ET | USA 71794982 | | | | | | |
| RJR SNOWDEN 3252-ET | USA 71794983 | | | | | | |
| RJR SNOWDEN 3253-ET | USA 71794984 | | | | | | |
| RJR SOLOMAN 4820-ET | 840003134817136 | | | | | | |
| RJR SOLOMAN 4822-ET | 840003134817138 | | | | | | |
| RJR SOLOMAN 4830-ET | 840003134817146 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RJR SOLOMAN 4837-ET | 840003134817153 | | | | | | |
| RJR SPEAKER 4275-ET | USA 74001367 | | | | | | |
| RJR SPEAKER 4277-ET | USA 74001369 | | | | | | |
| RJR SPEAKER 4312-ET | USA 74001404 | | | | | | |
| RJR SPEAKER 4318-ET | USA 74001410 | | | | | | |
| RJR SPRING 4740 | 840003128801596 | | | | | | |
| RJR SUDAN 3299 | USA 71795030 | | | | | | |
| RJR SUPER 2240 | USA 68966515 | | | | | | |
| RJR SUPER 2317 | USA 69816854 | | | | | | |
| RJR TANGO 4023-ET | USA 73247237 | | C | | | | |
| RJR TEACHER 4007-ET | USA 73247221 | | | | | | |
| RJR TEACHER 4011-ET | USA 73247225 | | | | | | |
| RJR TIME 2937 | USA 71084931 | | | | | | |
| RJR TOYSTORY 1333-ET | USA 62726217 | | | | | | |
| RJR TOYSTORY 1340-ET | USA 62726224 | | | | | | |
| RJR TRIGGER 2413-ET | USA 69816950 | | C | | | | |
| RJR TRIGGER 2451-ET | USA 69816988 | | | | | C | |
| RJR WILDTHING 3059-ET | USA 71085053 | | | C | | | 1 |
| RJR WINDBROOK 4031-ET | USA 73247245 | | | | | C | 1 |
| RJR WINDBROOK 4033-ET | USA 73247247 | | | | | | 1 |
| RJR WINDBROOK 4037-ET | USA 73247251 | | | | | | |
| RJR WINDBROOK 4038-ET | USA 73247252 | | | | | | |
| RJR WINDBROOK 4042-ET | USA 73247256 | | | | | | |
| RJR WINDBROOK 4054-ET | USA 73247268 | | | | | C | |
| RJR WINDBROOK 4185-ET | USA 74001277 | | | | | | |
| RJR WINDBROOK 4194-ET | USA 74001286 | | | | | | 1 |
| RJR WINDBROOK 4242 | USA 74001334 | | | | | | |
| RJR WINDBROOK 4324-ET | USA 74001416 | | | | | | |
| RJR-BH GOLDWYN 1154-ET | USA 62821577 | | | | | | |
| RJR-BH JET STREAM 1727-ET | USA 65671879 | | | C | | | |
| RJR-BH MAC DAMARA-ET | USA 65671895 | | | C | | | |
| RJR-BH NIFTY DAISY-ET | USA 138914985 | | | | | | |
| RK-MACKIN CORVETTE ARMADA | USA 73570214 | | | | | | |
| RK-MACKIN MAYFIELD BREYA | USA 74014681 | | | | | | |
| RK-TJ ABSOLUTE SHANDY-RED | 840003126438864 | | | | | | 1 |
| RL KING-RANSOM LAUD BREE-TW | USA 62437713 | | | | | | |
| RLS LAVANGUARD LINCOLN | 840003124922173 | | | | | | |
| RMD-DOTTERER DORCY 2748-ET | USA 73539487 | | | | | C | |
| RMD-DOTTERER FREDDIE 2607 | USA 73539346 | | | | | | |
| RMD-DOTTERER FREDIE 2721-ET | USA 73539460 | | C | | | | |
| RMD-DOTTERER GOLD MARTHA-ET | USA 73539389 | | | | | | 1 |
| RMD-DOTTERER GOLD MARY-ET | USA 73539393 | | | | | | 1 |
| RMD-DOTTERER GW ATWOOD 2774 | USA 73539513 | | | | | C | |
| RMD-DOTTERER HALOGEN 2798 | USA 73539537 | | C | | | | |
| RMD-DOTTERER MADDIE 2530-ET | USA 72478214 | | | | | C | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RMD-DOTTERER MADLINE-RED-ET | USA 73539379 | | C | | | | 3 |
| RMD-DOTTERER MAYZIE-RED-ET | USA 73539503 | | C | | | | 3 |
| RMD-DOTTERER MEREDTH-RED-ET | USA 73539382 | | | | | | 3 |
| RMD-DOTTERER MINDY-RED-ET | USA 73539507 | | | | | | |
| RMD-DOTTERER MISS MORGAN | USA 72478122 | | | | | | |
| RMD-DOTTERER MOGUL 2599 | USA 72478283 | | | | | | |
| RMD-DOTTERER MOGUL 2621 | USA 73539360 | | | | | | |
| RMD-DOTTERER MOGUL CANDICE | USA 74364749 | | | | | | |
| RMD-DOTTERER PLANET 1660 | USA 66912672 | C | | | | | |
| RMD-DOTTERER PLANET 2286-ET | USA 71527532 | | | | | C | |
| RMD-DOTTERER PLANET 2300 | USA 71527546 | | | | | | |
| RMD-DOTTERER PLANET 2525 | USA 72478209 | | | | | | |
| RMD-DOTTERER SUPERSIRE 2601 | USA 73539340 | | | | | | |
| RMD-DOTTERER SUPERSIRE 2620 | USA 73539359 | | | | | | |
| RMD-SHULTZ THRONE OPRAH-ET | USA 61787230 | | | | | | |
| RMH RELIEF ACTRESS-ET | USA 72962977 | | | | | | 1 |
| RMH RELIEF ALICIA-ET | USA 72962976 | | | | | | |
| RMW ALCHEMY ADAIR-ET | USA 71588836 | | | | | | |
| RMW ALCHEMY ADIRA-RED-ET | USA 71588834 | | | C | | | |
| RMW ALCHEMY ADRIENNE-ET | USA 71588829 | | | | | | |
| RMW ALCHEMY AILSA-RED-ET | USA 71588832 | | | C | | | 1 |
| RMW AVERY ADDISON-ET | USA 70885416 | | | C | | | |
| RMW AVERY ALEXIS-ET | USA 70885424 | | | C | | | |
| RMW COLT ADALYNN P-ET | USA 70885462 | | | | | | |
| RMW COLT ADARA-P-RED-ET | USA 70885482 | | | | | | |
| RMW DORCY AVA-ET | USA 69468786 | | | | | | |
| RMW EARNHART ALICIA-ET | 840003010991544 | | | | | | |
| RMW EPIC ALLURE-ET | USA 71588864 | | | | | | |
| RMW EPIC ASTRID-ET | USA 71588863 | | | | | | |
| RMW FACEBOOK ARISTA-ET | USA 70885454 | | | | | | |
| RMW FACEBOOK ASHLEY-ET | USA 70885455 | | | | | | |
| RMW HILL ALYSSA-ET | USA 70885385 | | | | | | |
| RMW JABIR ASSATEAGUE | 840003013072487 | | | | | | 1 |
| RMW JEEVES AVERY-ET | USA 69468785 | | | | | | |
| RMW JEEVES AZALEA-ET | USA 69468784 | | | | | | |
| RMW KRAMER AIMEE-ET | USA 70885439 | | | C | | | |
| RMW KRAMER AVA-ET | USA 70885438 | | | C | | | |
| RMW LIQUID GOLD APRICOT P | 840003013072480 | | | | | | |
| RMW MAYFIELD ADALYN-ET | USA 71588872 | | | | | | |
| RMW MAYFIELD AINSLEY-ET | USA 71588873 | | | C | | | |
| RMW MAYFIELD ATHENA-ET | USA 71588874 | | | | | | |
| RMW MILLION AUDREY-ET | USA 69468787 | | C | | | | |
| RMW MOGUL ASHLYN | 840003013072456 | | | | | | |
| RMW NUMERO UNO ALEAH-ET | USA 71588866 | | | | | | |
| RMW NUMERO UNO ALEXA-ET | USA 71588870 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RMW NUMERO UNO ANDREA-ET | USA 71588867 | | | | | | |
| RMW PECOS ANASTASIA-ET | USA 69468777 | | | | | | |
| RMW PECOS ANNABELLE-ET | USA 69468779 | | | | | | |
| RMW PEMBROKE ADORA-ET | USA 69468810 | | | C | | | |
| RMW SANCHEZ ATHENA-ET | USA 69468790 | | | | | | |
| RMW SAVAGE ASHANTI-ET | USA 70885478 | | | | | | 1 |
| RMW SHAMROCK ADDY-ET | USA 70885395 | | | | | | |
| RMW SHAMROCK AUDREY-ET | USA 70885394 | | | | | | |
| RMW SHOTGLASS ABSOLUTE-ET | 840003128162400 | | | | | | |
| RMW SNOWMAN ABYSS-ET | USA 69892610 | | | | | | |
| RMW SUDAN ADELE-ET | USA 70885468 | | | | | | |
| RMW SUDAN ALISHA-ET | USA 70885470 | | | | | | |
| RMW SUPER ARIA-ET | USA 69468858 | | | | | | |
| RMW SUPER ARIANE-ET | USA 69468808 | | | | | | |
| RMW SUPER LARGE AFFINITY-ET | USA 71588868 | | | | | | |
| RMW SUPER LARGE ALEXA-ET | USA 71588869 | | | | | | |
| RO-BEN-RU 5G QUINCEY-ET | USA 73261135 | | | | | | |
| RO-BEN-RU FEVER QUADIRA | USA 71287580 | | | | | | |
| RO-BEN-RU GARRETT GENTLE | USA 69977484 | | | | | | |
| RO-BEN-RU HEFTY MOLLY | USA 69977545 | | | | | | |
| RO-BEN-RU LEVI MONKEY | USA 73261143 | | C | C | | | |
| RO-BEN-RU PARADISE 9 | USA 142856868 | | | | | | |
| RO-BEN-RU SUPER BEST | USA 73261100 | | | | | | |
| RO-BEN-RU SUPERSIRE DESIRE | USA 72333361 | | | | | C | |
| RO-BEN-RU ZELGADI QUESTA-ET | USA 71287557 | | | | | | 1 |
| RO-BEN-RU ZELGADIS QUEST-ET | USA 71287554 | | | | | | |
| RO-BEN-RU ZELGADIS QUIZ-ET | USA 72333335 | | | | | | 1 |
| RO-CO 89 EPIC 141F-ET | 840003010661720 | | | C | | | |
| RO-CO 89 EPIC 142F-ET | 840003010661721 | | | C | | | |
| RO-CO 89 EPIC 151F-ET | 840003010665398 | | | C | | | |
| RO-CO 89 EPIC 158F-ET | 840003010665405 | | | C | | | |
| RO-CO ALF 93 291F-ET | 840003013064528 | | | C | | | |
| RO-CO BK ED JULIE-TW-ET | USA 69932090 | | C | | | | |
| RO-CO BK EDITH JULIANNE-ET | USA 70938241 | | | | | | |
| RO-CO BK JULIETTE-TW-ET | USA 69932091 | | | | | | |
| RO-CO BKM 6616 97F-ET | USA 69932089 | | | | | | |
| RO-CO JKMN ZOPRS 226F-ET | 840003013064463 | | | C | | | |
| RO-CO MCUT 93 177F-ET | 840003010665424 | | | C | | | |
| RO-CO MCUT 93 178F-ET | 840003010665425 | | | C | | | |
| RO-CO OK ZP 218F-ET | 840003013064455 | | | | | | |
| RO-CO RADON RADISH-ET | USA 69932059 | | | C | | | |
| RO-CO ROSS ZO RACHEL-ET | USA 69932045 | | | C | | | |
| RO-CO S-S-I ROSS 7170-ET | 840003007701825 | | | C | | | |
| RO-CO SHR PARIS LUCKY-ET | USA 70938235 | | | | | | |
| RO-CO SRC 89 100F-ET | USA 69932092 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RO-CO TROY 93 276F-ET | 840003013064513 | | | | | | |
| RO-CO Z ALF 93 275F-ET | 840003013064512 | | | C | | | |
| RO-CO Z HAL 93 269F-ET | 840003013064506 | | | C | | | |
| RO-CO Z HL 93 272F-ET | 840003013064509 | | | C | | | |
| RO-CO Z HL 93 273F-ET | 840003013064510 | | | | | | |
| RO-CO ZO BECCA-ET | USA 69932064 | | | | | | |
| RO-CO ZO SN HUMIDITY-ET | USA 69932088 | | | C | | | |
| RO-CO ZO SNMN 92F-ET | USA 69932084 | | | | | | |
| RO-CO ZO SNMN 93F-ET | USA 69932085 | | | C | | | |
| RO-DANE REALITY FLICK-RED | USA 137512247 | | | | | | 1 |
| RO-KE LAUTHORITY POLLY | USA 72151612 | | | | | | 1 |
| RO-MAR-CO ATWOOD PEACH | USA 143074142 | | | | | | |
| RO-MAR-CO SHOTTLE PEONY | USA 142092927 | | | | | C | |
| RO-MEL CAMELOT SUZETTE | 840003009532108 | | | | | | |
| RO-MEL LAYNE SUPER | 840003012506786 | | | | | | |
| RO-MEYER ADVENT 3383-ET | USA 66921362 | | | | | | |
| RO-MEYER AVALON 3490 | USA 69414987 | | | | | | |
| RO-MEYER BRAXIE 3598-ET | USA 70332479 | | | | | | |
| RO-MEYER BRAXTON 3583-ET | USA 70332464 | | | | | | |
| RO-MEYER DEE ATWOOD 3906-ET | 840003126540731 | | | | | | |
| RO-MEYER GIBSON DEE 3110 | USA 63570615 | C | | | | | |
| RO-MEYER HERO GA 3913-ET | 840003126540738 | | C | | | | |
| RO-MEYER PARADISE 3847-TW | USA 73151870 | | | | | | |
| RO-MEYER PARADISE 3848-TW | USA 73151871 | | | | | | |
| RO-MEYER PAT EMPH 3588-ET | USA 70332469 | | | | | | 3 |
| RO-MEYER PATRIS BRAXTON-ET | USA 70332444 | | | | | | |
| RO-MEYER Q DAMION 3889-ET | USA 73151912 | | | | | | |
| RO-SUNNYHILL 2997 EDDY | USA 70449062 | | | | | C | |
| RO-SUNNYHILL G W A RAINDROP | USA 70449102 | | | | | | 1 |
| RO-SUNNYHILL TRK FLIPPY-RED | USA 70449101 | | | | | | |
| RO-WEE AMARETTO AMAZE-ET | USA 72500741 | | | | | | |
| RO-WEE AMBROSIA AMAZE-ET | USA 72500743 | | | | | | |
| RO-WEE AMERICA AMAZE-ET | USA 72500737 | | | | | | |
| RO-WEE AMETHYST AMAZE-ET | USA 72500742 | | | | | | |
| RO-WEE CHENILLE CHANQUE-ET | USA 72500753 | C | | | | | |
| RO-WEE CHEYENNE CHANIQUE-ET | USA 72500772 | C | | | | | |
| RO-WEE CHINOOK CHANIQUE-ET | USA 72500759 | C | | | | | |
| RO-WEE DIAMOND DORITO FAVRE | USA 72500786 | | | | | | |
| RO-WEE ECHO ELIS PARDISE-ET | USA 71319135 | | | | | | |
| RO-WEE ECLIPSE ELSA SPRSIRE | USA 72500791 | | | | | | |
| RO-WEE ECSTASY EL PARDIS-ET | USA 71319138 | | | | | | |
| RO-WEE ELECTRA EL PARDIS-ET | USA 71319136 | | | | | | |
| RO-WEE ELIXIR ELSA PETRN-ET | USA 72500734 | | | | | | |
| RO-WEE ELUSIVE ELSA SPRSIRE | USA 72500738 | | | | | | |
| RO-WEE EMBARASS EM LITH-ET | USA 71319159 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RO-WEE EMBASSY EM LITH-ET | USA 71319156 | | | | | | |
| RO-WEE EMBLEM EMBASSY KB | USA 74608411 | | | | | | |
| RO-WEE EMBRACE EM LITH-ET | USA 71319158 | | | | | | |
| RO-WEE EMPIRE BARAS KINGPIN | USA 74608407 | | | | | | |
| RO-WEE ENIGMA EMMA SAJAC-ET | USA 72500720 | | | | | | |
| RO-WEE ESKIMO ELIS-ET | USA 72500760 | | | | | | 1 |
| RO-WEE EXODUS EXOTIC KB-ET | USA 74608408 | | | | | | |
| RO-WEE EXOTIC PARADISE-ET | USA 71319145 | | | | | | |
| RO-WEE GRACIOUS GRAND-ET | USA 72500782 | | | | | | 1 |
| RO-WEE GRAFFITI GRAND-ET | USA 72500785 | | | | | | |
| RO-WEE GRANOLA GRAND-ET | USA 72500787 | | | | | | |
| RO-WEE GRATITUDE GRAND-ET | USA 72500781 | | | | | | |
| RO-WEE SANGRIA SASS ATWD-ET | USA 71319112 | | | | | | |
| ROB-CRI APLE SILVERMIST-RED | USA 140349470 | | | | | | 1 |
| ROB-CRI ASPEN TAHOE | USA 135205679 | | | | | | |
| ROB-CRI ATLANTIC BEEHIVE | USA 141607658 | | | | | | |
| ROB-CRI ATWOOD TRIUMPH-ET | USA 141618384 | | | | | | |
| ROB-CRI DESTRY DEWDROP | USA 141607500 | | | | | | 1 |
| ROB-CRI DUCKETT GW TORY-ET | USA 69313679 | | | | | | 1 |
| ROB-CRI DURHAM MOTOWN-ET | USA 137433702 | | | | | | |
| ROB-CRI LAKESIDE MAY-RED | USA 135205781 | | | | | | |
| ROB-CRI SID SHASTA-ET | USA 141607630 | | | | | | |
| ROB-CRI STRMTIC MANITOBA-ET | USA 138875907 | | | | | | 1 |
| ROB-KAR BAXTER MAGNOLIA | USA 139455012 | | | | | | |
| ROB-KAR BELUGA METAL | USA 143238418 | | | | | | |
| ROB-KAR BOASTFUL CANNA-ET | USA 143519355 | | | | | | |
| ROB-KAR BOLTON KRACKLE | USA 138778590 | | | | | | |
| ROB-KAR BOMBERO CASHEW | USA 143341912 | | | | | | |
| ROB-KAR BOOKEM JOYCE | USA 143243885 | | | | | | |
| ROB-KAR BOOKEM KADA | USA 141557560 | | | | | | |
| ROB-KAR BRONCO MACI | USA 141079785 | | | C | | | |
| ROB-KAR COLBY MARTA | USA 139455085 | | | | | | |
| ROB-KAR DETROIT METRO | USA 141079842 | | | | | | 1 |
| ROB-KAR DOLO-P CLEMENTINE | USA 142589463 | | | | | | |
| ROB-KAR ENCINO MARIBETH-ET | USA 139456602 | | | | | | |
| ROB-KAR FIRSTCLAS CANADA-ET | USA 143519403 | | | | | | |
| ROB-KAR FIRSTCLAS MADGE-ET | USA 143519382 | | | | | | |
| ROB-KAR FREDDIE MERCURY | USA 141557609 | | | | | | |
| ROB-KAR FREDDIE MIMOSA | USA 141557645 | | | | | | |
| ROB-KAR GRAFEETI MAGIC | USA 141777142 | | | | | | |
| ROB-KAR GRAFEETI METALLIC | USA 141777094 | | | | | | |
| ROB-KAR HALOGEN COLLIE ANN | USA 143108221 | | | | | | |
| ROB-KAR IOTA COLLIE | USA 141079833 | | | | | | |
| ROB-KAR JACEY MELTAWAY | USA 143238397 | | | | | | |
| ROB-KAR JEEVES GLOSSY | USA 141079767 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROB-KAR KINGBOY CASEY-ET | USA 143290663 | | | | | | |
| ROB-KAR KINGBOY CLOCK-ET | USA 143290618 | | | | | | |
| ROB-KAR KINGBOY CORALLE-ET | USA 143290654 | | | | | | |
| ROB-KAR KRUNCH MABEL-ET | USA 142784998 | | | | | | |
| ROB-KAR KRUNCH MARTHA-ET | USA 142785001 | | | | | C | |
| ROB-KAR MAC GENEVA-ET | USA 139740651 | C | | | | | |
| ROB-KAR MCCUTCHEN KOALA | USA 142589100 | | | | | | |
| ROB-KAR METEOR MATCH | USA 141557579 | | | | | | |
| ROB-KAR MICHAEL MARIGOLD | USA 140502428 | | | | | | |
| ROB-KAR MOGUL CAPPY-ET | USA 142284153 | | | | | | |
| ROB-KAR MOGUL CASSIE-ET | USA 142284126 | | | | | | |
| ROB-KAR MOGUL CLEO-ET | USA 142284135 | | | | | | |
| ROB-KAR MOGUL CLOVER-ET | USA 142284144 | | | | | | |
| ROB-KAR MONTEREY CHIC-ET | USA 143273541 | | | | | | |
| ROB-KAR MUSKADET KISSEL-ET | USA 143533791 | | | | | | |
| ROB-KAR MUSKADET KRISSY-ET | USA 143519364 | | | | | | |
| ROB-KAR O-STYLE MARTINA | USA 141557663 | | | C | | C | |
| ROB-KAR OBSERVER JENNIE | USA 141557467 | | | | | | |
| ROB-KAR OBSERVER MELODY | USA 141557515 | | | | | | |
| ROB-KAR PARADISE CARDIA-ET | USA 142589409 | | | | | | |
| ROB-KAR PARADISE CYNTHIA-ET | USA 142589427 | | | | | | |
| ROB-KAR PLANET KARO | USA 141079851 | | | | | | |
| ROB-KAR PONDER MARY | USA 143243894 | | | | | | |
| ROB-KAR PREDESTINE TUESDAY | USA 142855205 | | | | | | |
| ROB-KAR RACER CASTEY-ET | USA 143290627 | | | | | | |
| ROB-KAR RACER CHELSEA-ET | USA 143310433 | | | | | | |
| ROB-KAR RACER CLIPPER-ET | USA 143310442 | | | | | | |
| ROB-KAR RACER KAYLYNN-TW | USA 143238481 | | | | | | |
| ROB-KAR RACER MAKAYLA | USA 143341903 | | | | | | |
| ROB-KAR RAMOS KINZE | USA 140386420 | | | | | | |
| ROB-KAR RAMOS MAGNUM | USA 140878626 | | | | | | |
| ROB-KAR RODGERS BOUNCY | USA 143243924 | | | | | C | |
| ROB-KAR SHAMROCK CAMERA | USA 141777124 | | | | | | |
| ROB-KAR SHAMROCK KERENA | USA 141689768 | | | | | | |
| ROB-KAR SHAMROCK ROSINA | USA 141557627 | | | | | | |
| ROB-KAR SHAMROCK VINTAGE | USA 141557654 | | | | | | |
| ROB-KAR SPRING CLAUDIA-ET | USA 143519391 | | | | | | |
| ROB-KAR SPRING CORTNEY-ET | USA 143533737 | | | | | | |
| ROB-KAR SPRING KIMMY-ET | USA 143533746 | | | | | | |
| ROB-KAR SPRING KIN-ET | USA 143533728 | | | | | | |
| ROB-KAR SPRING KOOLAID-ET | USA 143533755 | | | | | | |
| ROB-KAR TANGO CHEERIO | USA 143238342 | | | | | | |
| ROB-KAR TANGO JUNE | USA 143238379 | | | | | | |
| ROB-SARA ABS LOVELEE-RED-ET | USA 72246329 | | | | | | |
| ROB-SARA ABSOLU LEA-RED-ET | USA 72246330 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROB-SARA AFTERSHOCK BOO-ET | USA 72246364 | | | | | | |
| ROB-SARA AFTERSHOCK BUGS-ET | USA 72246363 | | | | | C | |
| ROB-SARA ALEXANDER BEA-ET | USA 69280300 | | | | | | 1 |
| ROB-SARA ARMANI LAVA-RED | USA 73643595 | | | | | | 1 |
| ROB-SARA BRITTANY-ET | 840003128772971 | | | | | | 1 |
| ROB-SARA DOMAIN BEV-ET | USA 70270694 | | | | | | |
| ROB-SARA DOMAIN BLISS-ET | USA 70270695 | | | | | | 1 |
| ROB-SARA GREENDAY ADDI 248 | USA 73643548 | | | | | | |
| ROB-SARA RUSTLER TINA B-RED | USA 66402508 | | | | | | |
| ROB-SARA SHAM ROSA | USA 70890668 | | | | | | |
| ROB-SARA WINDSOR LEXI-RED | USA 71545837 | | | | | | |
| ROBELLA LRB HALOGEN BARBIED-ET | CAN 11975460 | | | | | | |
| ROBELLA OLYMPIAN BABYDOLL-ET | CAN 11975456 | | | | | | |
| ROBIN-HOOD ADVENT COMET-ET | USA 138410379 | | | C | | | |
| ROBIN-HOOD COLLETTE-ET | USA 66091227 | | | C | | | 1 |
| ROBIN-HOOD LKI CHRISTY-TW | USA 71227495 | | | | | | |
| ROBIN-HOOD LKI CRYSTAL-TW | USA 71227496 | | | | | | |
| ROBINHOOD I B CASH-ET | USA 141987718 | | | | | | |
| ROBINHOOD-IB ALCHEMY CARLY | USA 71996733 | | | | | | |
| ROBINHOOD-IB CHLOE-ET | USA 72542179 | | | | | | |
| ROBINHOOD-IB HALOGN HOPE-ET | USA 74121979 | | | | | | |
| ROBINHOOD-KH JACEY 575-ET | USA 72997694 | | | | | | |
| ROBINHOOD-KH RANSOM DARCEY | USA 73128246 | | | | | | |
| ROBINHOOD-KH SUPERSIRE DENA | USA 73128271 | | | | | | |
| ROBINHOOD-KH TANGO 620-ET | USA 72997739 | | C | | | | |
| ROBINHOOD-KH TANGO DANA-ET | USA 72997736 | | | | | | |
| ROBINHOOD-KH TANGO DARCY-ET | USA 72997735 | | C | | | | |
| ROBINHOOD-KH TANGO DENA-ET | USA 72997737 | | | | | | |
| ROBINHOOD-LKI KIRBY-ET | USA 74270067 | | | | | | |
| ROBINHOOD-MH RODEOSTYLE | USA 71926109 | | | | | | 1 |
| ROBTHOM ADRIAN ROONEY | 840003130361563 | | | | | | |
| ROBTHOM BLAINE EXCELLENCY | USA 140909252 | | | | | | |
| ROBTHOM BLUSHING BRAXTON-ET | USA 141566678 | | | | | | |
| ROBTHOM CRIMSON LILY-ET | USA 142595608 | | | | | | |
| ROBTHOM DEVIAN LUCERO | 840003130361504 | | | | | | |
| ROBTHOM DEVLYN TOPAZ | USA 142412664 | | | | | | |
| ROBTHOM FRECKELS JAMESON | 840003130361501 | | | | | | |
| ROBTHOM IDOL JAMESON | 840003130361492 | | | | | | |
| ROBTHOM JIANA OUTSIDE-ET | USA 135004232 | | C | | | | |
| ROBTHOM LILAC MORTY-ET | USA 135421800 | | | | | | |
| ROBTHOM MABEL JAMESON | 840003130361495 | | | | | | |
| ROBTHOM MISTLETOE-ET | USA 143217749 | | | | | | |
| ROBTHOM NISHIKO JAMESON | 840003130361493 | | | | | | 3 |
| ROBTHOM RAVEN ROONEY | 840003136488944 | | | | | | |
| ROBTHOM ROSE PETAL | USA 135564220 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROBTHOM ROUGE LUCERO | 840003130361503 | | | | | | |
| ROBTHOM SWEET SKITTLES | 840003130361494 | | | | | | |
| ROBUST-GOLDEN ECHO | DEU 537480651 | | | | | | 1 |
| ROCFRAN SYLVA BRONCO | CAN 106694117 | | | C | | | |
| ROCFRAN SYLVALIE GOLDWYN | CAN 105373741 | | | | | | |
| ROCHER AIKMAN BINGO-ET | USA 73346813 | | | | | | |
| ROCHER AIKMAN BLISS-ET | USA 73346814 | | | | | | |
| ROCHER AIRLIFT JULIE | 840003127340652 | | | | | | |
| ROCHER AIRNET JADEN | USA 71601259 | | | | | | |
| ROCHER AIRRAID SARALEE-ET | USA 64310120 | | | | | | |
| ROCHER ALRIGHT HAWK | 840003127340654 | C | | | | | |
| ROCHER ALRIGHT JUROR | 840003127340648 | | | | | | |
| ROCHER AMMON SAPHIRE | USA 71601258 | | | | | | |
| ROCHER ANAHIEM DUSTER-RED | 840003127340678 | | | | | | |
| ROCHER ANAHIEM GRAD-ET | 840003131696528 | | | | | | |
| ROCHER ANAHIEM MINDY-ET | 840003127340689 | | | | | | |
| ROCHER ARMITAGE VIPER | USA 71601264 | | | | | | |
| ROCHER ARR PRINCESS-RED-ET | USA 70392333 | C | | | | | |
| ROCHER ARRON STARBRITE-RED | USA 70392342 | | | | | | |
| ROCHER ARROW JEAN | 840003131696537 | | | | | | |
| ROCHER AVENGER DAYLILLY-ET | 840003131696532 | | | | | | |
| ROCHER AVENGER DAYTONA-ET | 840003131696535 | | | | | | |
| ROCHER BALISTO BRAZIL | 840003127340649 | | | | | | |
| ROCHER BALISTO KITTY | 840003127340657 | | | | | | |
| ROCHER BASE HOPE-RED | 840003127340663 | | | | C | | |
| ROCHER BASE SUNUP | 840003127340666 | | | | | | |
| ROCHER BOMBERO SOSIE | 840003127340671 | | | | | | |
| ROCHER BOWSER HAYMAKER | USA 70392356 | | | | | | |
| ROCHER BOWSER HERSHEY | USA 71601252 | | | | | | |
| ROCHER BRECKEM BERRY | 840003131696534 | | | | | | |
| ROCHER BREKEM ASHLEY | 840003131696531 | | | | | | |
| ROCHER C-P BOBBI JO-RED-ET | USA 70392341 | | | | | | |
| ROCHER C-P BRITTEN-RED-ET | USA 70392340 | | | | | | |
| ROCHER CHIPPER PASTA | 840003127340645 | | | | | | |
| ROCHER CHPER DREAMER-ET | USA 72790298 | | | | | | |
| ROCHER CHPER JUICEBOX-ET | USA 72790301 | | | | | | |
| ROCHER CITATION SUNNY-RED | 840003127340690 | | | | | | |
| ROCHER CLARK PUMPKIN | USA 70392338 | C | | | | | |
| ROCHER COLT-P BRAZIL-RED-ET | USA 70392339 | | | | | | |
| ROCHER COLT-P SWEETIE-RED | USA 70392346 | | | | | | |
| ROCHER DAKKER DOVE-ET | USA 70392359 | | | | | | |
| ROCHER DAKKER HYROAD | USA 71601274 | | | | | | 1 |
| ROCHER DANCER BRITT | USA 73346852 | | | | | | |
| ROCHER DANCER HEDY-RED | USA 71601266 | | | | | | |
| ROCHER DANCER STAR-RED | USA 71601256 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCHER DAY BASKET | USA 73346855 | | | | | | |
| ROCHER DAY HARMONY | 840003127340664 | | | | | | |
| ROCHER DAY SOPHIE | USA 73346846 | | | | | | |
| ROCHER DAY VI | USA 73346845 | | | | | | |
| ROCHER DESTND BLOOM-RED | USA 72790263 | | | | C | | |
| ROCHER DISGE DELICATE-RED | 840003131696527 | | | | | | 2 |
| ROCHER DISGUISE RATTLE | 840003127340681 | | | | | | 1 |
| ROCHER DOLO BREE | USA 72790290 | | | | | | |
| ROCHER DOLO GLORIA-RED-ET | USA 72790294 | | | | | | |
| ROCHER DOLO GLORY-RED-ET | USA 72790279 | | | | | | |
| ROCHER DOLO GRETA-ET | USA 72790278 | | | | | | |
| ROCHER DOLO HICKORY | USA 71601298 | | | | | | |
| ROCHER DOMINANT BLING-RED | 840003127340643 | | | | | | |
| ROCHER DOORMAN JANIE | USA 73346821 | | | | | C | |
| ROCHER DOORMAN JODY | USA 72790292 | | | | | | |
| ROCHER DOZER DEBBIE | 840003127340646 | | | | | | |
| ROCHER DURABLE BABY | USA 71601265 | | | | | | 3 |
| ROCHER EANDH DANI-ET | USA 72790271 | | | | | | |
| ROCHER EARNDH JENNY-ET | USA 72790274 | | | | | | |
| ROCHER EARNH HAILEY-ET | USA 72790267 | | | | | | |
| ROCHER EARNHARDT BRAEDEN | USA 71601294 | | | | | | |
| ROCHER EARNHARDT HILTON-ET | USA 72790264 | | | | | | |
| ROCHER EARNHDT DAYTIME-ET | USA 72790273 | | | | | | |
| ROCHER EARNHDT DELIGHT-ET | USA 73346816 | | | | | | |
| ROCHER EARNHDT JOY-ET | USA 73346812 | | | | | | |
| ROCHER EFFECT BUFFY-RED-ET | USA 72790285 | | | | | | |
| ROCHER EMISSION BARB | USA 71601267 | | | | | | |
| ROCHER EPIC DESIRAE | USA 71601254 | | | | | | |
| ROCHER ESCLADE PEPPER | USA 70392353 | | | | | | |
| ROCHER ESCLADE SODA | USA 71601251 | | | | | | |
| ROCHER FACEBOOK BREEZY | USA 72790269 | | | | | | |
| ROCHER FACEBOOK DUSK | USA 72790258 | | | | | | |
| ROCHER HARPOON LEA-ET | 840003127340679 | | | | | | |
| ROCHER HAYDEN PLUM-ET | USA 70392335 | | | C | | | |
| ROCHER JABIR LUCKY-ET | USA 73346854 | | | | | | 1 |
| ROCHER JABIR SHAKEY-ET | USA 73346826 | | | | | | 3 |
| ROCHER JACEY DREAMIE-ET | USA 73346822 | | | | | | |
| ROCHER JETSET BEE | USA 73346851 | | | | | | |
| ROCHER JOCK BEAUTY | USA 71601260 | | | C | | | 3 |
| ROCHER JOCK BRITTLE | USA 70392344 | | | | | | |
| ROCHER JOCK JASMAN | USA 71601253 | | | | | | |
| ROCHER JOLLYRANCHER KAT | 840003127340680 | | | | | | |
| ROCHER KANU RAYLYN | USA 73346829 | | | | | | |
| ROCHER KRISOFF LANEY | USA 71601292 | | | | | | |
| ROCHER L-BOY BRIANNA-RED-ET | USA 65912306 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCHER LADD JAM-RED | USA 73346819 | | | | | | 1 |
| ROCHER LADD RILEY-ET | USA 72790281 | | | | | | 1 |
| ROCHER LADD RUBY-RED-ET | USA 72790284 | | | | | | |
| ROCHER LARGE STARRY | USA 71601269 | | | | | | |
| ROCHER LATROY SWANNY | USA 71601270 | | | | | | |
| ROCHER LEADER HALO-RED | USA 73346843 | | | | | | |
| ROCHER LEVI HENNESSEY | USA 71601262 | | | | | | |
| ROCHER LEXOR LISA-ET | USA 71601284 | | | | | | |
| ROCHER LONG-P BLUSH-ET | 840003127340644 | | | | | | |
| ROCHER LONG-P BRISK-RED-ET | USA 73346853 | | | | | | |
| ROCHER LOU-P BISCUT-RED | USA 72790283 | | | | | | |
| ROCHER LOU-P BONNIE-ET | USA 72790288 | | | | | | |
| ROCHER LOU-P BRILEY-ET | USA 72790287 | | | | | | |
| ROCHER LOU-P BROOK-ET | USA 72790286 | | | | | | |
| ROCHER LOU-P GRACIE-RED-ET | USA 72790289 | | | | | | |
| ROCHER MACK DALLAS-ET | USA 73346849 | | | | | | |
| ROCHER MACK HAZEL-ET | USA 73346828 | | | | | | |
| ROCHER MAN-P BRANCH | 840003127340660 | | | | | | |
| ROCHER MAN-P GETTY-ET | 840003131696525 | | | | | | |
| ROCHER MANGA BRYLEE-ET | USA 70392314 | | | | | | |
| ROCHER MASSEY POLLY | USA 72790291 | | | | | | |
| ROCHER MEGASIRE DIZZY | 840003127340665 | | | | | | |
| ROCHER MEGASIRE HERSHEY-ET | 840003127340676 | | | | | | |
| ROCHER MEGASIRE HUGS-ET | 840003127340682 | | | | | | |
| ROCHER MEGASIRE MARISSA | 840003127340670 | | | | | | |
| ROCHER MIDNITE JELLO | 840003131696530 | | | | | | |
| ROCHER MOM HOLLIE | USA 73346811 | | | | | | |
| ROCHER MONTEREY GABBY | 840003127340675 | | | | | | |
| ROCHER MOSES PRICELESS-RED | USA 73346841 | C | | | | | |
| ROCHER MUSCADET DAYLIGHT-ET | 840003131696536 | | | | | | |
| ROCHER O-HARE DINAH-ET | USA 73346840 | | | C | | | |
| ROCHER O-STYLE JANE | USA 71601277 | | | | | | |
| ROCHER OAK DREAM-ET | USA 72790299 | | | | | | |
| ROCHER OBSERVER KANDY | USA 70392345 | | | | | | 1 |
| ROCHER OLYMP SPRINKLE-ET | 840003127340677 | | | | | | |
| ROCHER OLYMPIAN SIZZLE-ET | 840003127340667 | | | | | | |
| ROCHER OLYMPN BONNET-RED-ET | 840003127340668 | | | | | | |
| ROCHER OTTO SWISH | USA 69166993 | | | | | | |
| ROCHER PAX EMILY | USA 73346848 | | | | | | |
| ROCHER PIONEER JOLLY | USA 71601278 | | | | | | |
| ROCHER PREDSTINE JUICEY-ET | USA 73346815 | | | | | | 3 |
| ROCHER PRIMUS BRANDI | 840003127340687 | | | | | | |
| ROCHER PRINCE STARFISH-RED | USA 71601268 | | | | | | |
| ROCHER PUZZLE BALER | USA 73346842 | | | | | | |
| ROCHER PUZZLE JANEY | 840003127340655 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCHER RACER DANIELLE | USA 73346832 | | | | | | |
| ROCHER RACER JAM-TW | USA 73346837 | | | | | | |
| ROCHER RACER JAMMER-TW | USA 73346838 | | | | | | |
| ROCHER RACER JEM-ET | USA 73346836 | | | | | | |
| ROCHER RACER LANA | USA 73346833 | | | | | | |
| ROCHER RAVISH SNOW | USA 70392347 | | | | | | |
| ROCHER RELIEF BRYLYN-RED-ET | USA 71601290 | | | | | | |
| ROCHER RELIEF DUSTY-ET | USA 71601295 | | | | | | |
| ROCHER RELIEF PERFECT | USA 72790270 | C | | | | | |
| ROCHER SATCHEL-P PAULA-ET | USA 71601275 | C | | | | | |
| ROCHER SATCHEL-P PENNY-ET | USA 71601272 | | | | | | |
| ROCHER SAVE BLINKER | USA 73346830 | | | C | | | |
| ROCHER SAVE BLOSSOM-RED | USA 73346844 | | | | | | |
| ROCHER SAVE LILAC-ET | USA 73346847 | | | | | | 1 |
| ROCHER SAVE LIZZY-ET | USA 73346839 | | | | | | 1 |
| ROCHER SAVE ZIVA-ET | USA 73346834 | | | | | | |
| ROCHER SHAMROCK DANICA-ET | USA 70392348 | | | | | | |
| ROCHER SHAMROCK HASSLE | 840003131696529 | | | | | | |
| ROCHER SHANSBER BLUE-RED | USA 72790295 | | | | | | |
| ROCHER SHANSBER BRISTAL-ET | 840003127340647 | | | | | | |
| ROCHER SHANSBER HAPPY | USA 72790304 | | | | | | |
| ROCHER SHOTTLE PESPI-ET | USA 65912337 | C | | | | | |
| ROCHER SHOWDN BOWS-RED-ET | USA 71601282 | | | | | | |
| ROCHER SHWDN BUTTON-RED-ET | USA 71601280 | | | | | | |
| ROCHER SPART ANNABELL-RED | USA 72790260 | | | | | | |
| ROCHER SPART SCARLET-RED | USA 71601299 | | | | | | |
| ROCHER SS BRITAIN-ET | USA 72790300 | | | | | | |
| ROCHER SUPER ERICA | USA 71601261 | | | | | | |
| ROCHER SUPER SHEENA | USA 71601255 | | | | | | |
| ROCHER TAMPA LEXIE | 840003127340673 | | | | | | |
| ROCHER YATES LADY | 840003127340661 | | | | | | 1 |
| ROCHER YATES RI | 840003127340653 | | | C | | | |
| ROCK HAVEN | FRA 4435728646 | | | | | | 1 |
| ROCK-GAP 1STCLASS 2207 | USA 73860704 | | | | | | |
| ROCK-GAP BAXTER 1621 | USA 64654862 | | | C | | | |
| ROCK-GAP BOLIVER 1608 | USA 64654849 | | | | | | |
| ROCK-GAP CEASAR 1891 | USA 64655132 | | | | | | |
| ROCK-GAP IOTA 1903 | USA 70295603 | | | | | | |
| ROCK-GAP JACKMAN 2105 | USA 70295805 | | | | | | |
| ROCK-GAP JACKMAN 2108 | USA 70295808 | | | | | | |
| ROCK-GAP JACKMAN 2139 | USA 70295839 | | | C | | | |
| ROCK-GAP JARVIS 1607 | USA 64654848 | | | | | | |
| ROCK-GAP JOHNSON 2072 | USA 70295772 | | | | | | |
| ROCK-GAP LEO 2018 | USA 70295718 | | | | | | |
| ROCK-GAP MASSEY 2131 | USA 70295831 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCK-GAP MERCI 2097 | USA 70295797 | | | | | | |
| ROCK-GAP MERCI 2141 | USA 70295841 | | | | | | |
| ROCK-GAP MERCI 2145 | USA 70295845 | | | | | | |
| ROCK-GAP MOGUL 2208 | USA 73860705 | | | | | | |
| ROCK-GAP MOGUL 2211 | USA 73860708 | | | | | | |
| ROCK-GAP MOGUL 2217 | USA 73860714 | | | | | | |
| ROCK-GAP OAK 2126 | USA 70295826 | | | | | | |
| ROCK-GAP PLANET 1701 | USA 64654942 | | | | | | |
| ROCK-GAP SHAMROCK 2222 | USA 73860719 | | | | | | |
| ROCK-GAP SHOTTLE 1369 | USA 62295217 | | | | | | |
| ROCK-GAP SPRING 2202 | USA 73860699 | C | | | | | |
| ROCK-GAP SPRING 2203 | USA 73860700 | | | | | | |
| ROCK-GAP SPRING 2212 | USA 73860709 | | | | | | |
| ROCK-GAP SPRING 2214 | USA 73860711 | | | | | | |
| ROCK-GAP STACKED 2045 | USA 70295745 | | | | | | |
| ROCK-GAP SUPLEX 2069 | USA 70295769 | | | | | | |
| ROCK-HOME AIRNET LAUREN | 840003009533403 | | | | | | |
| ROCK-HOME BHP L14110-ET | USA 71631323 | | | | | | |
| ROCK-HOME ELECTRIC CRI-ET | USA 71452078 | | | | | | |
| ROCK-HOME ELEGANCE CRI-ET | USA 71452072 | | | | | | |
| ROCK-HOME HARRY LIBRA | USA 69361401 | | | | | | |
| ROCK-HOME IOTA L14123-ET | USA 71631336 | | | | | | |
| ROCK-HOME IOTA L14127-ET | USA 71631340 | | | | | | |
| ROCK-HOME IOTA L14138-ET | USA 71631351 | | | | | | |
| ROCK-HOME JEEVES LAUREN-ET | USA 69361398 | | | | | | |
| ROCK-HOME JEEVES LINDA-ET | USA 69361392 | | | | | | |
| ROCK-HOME JEEVES LUCE-ET | USA 69480222 | | | | | | |
| ROCK-HOME LEONA CRI-ET | USA 71452025 | | | | | | |
| ROCK-HOME LILLY CRI-ET | USA 71452026 | | | | | | |
| ROCK-HOME MILLION LICORICE | USA 69361404 | | C | | | | |
| ROCK-HOME NUMERO EXOCTIC-ET | USA 70228801 | | | | | | |
| ROCK-HOME O DAD AVERY-ET | USA 72704276 | | | | | | |
| ROCK-HOME ROSA TAMAL-RED-ET | USA 52992534 | | | | | | |
| ROCK-HOME SHOTTLE ROSETE-ET | USA 66897172 | | | | | C | |
| ROCK-HOME WINDBRK ARIEL-ET | USA 70228797 | | | | | | 1 |
| ROCK-MANOR A-P LORETTA | USA 72547450 | | | | | | |
| ROCK-MANOR ERSKINE RAVEN | USA 72547449 | | | | | | |
| ROCK-N-HILL-II AT CARINA-ET | USA 143232681 | | | | | | |
| ROCK-N-HILL-II ATWOO CRISCO | USA 140941636 | | | | | | |
| ROCK-N-HILL-II CON STEPHANY | USA 136432276 | | | | | | |
| ROCK-N-HILL-II JAMES BOZO | USA 134255484 | | | | | | |
| ROCK-N-HILL-II LJ BANANA-ET | USA 138510716 | | | | | | |
| ROCK-N-HILL-II RUB CAROLINE | USA 135713277 | | | | | | |
| ROCKING-P ABRAHAM 2035 | USA 71360529 | | | | | | |
| ROCKING-P ABRAHAM 2063 | USA 71360557 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P ABRAHAM 2091 | USA 71360585 | | | | | | |
| ROCKING-P ABRAHAM 2164 | USA 72640757 | | | | | | |
| ROCKING-P ABRAHAM 2190 | USA 72640783 | | | | | | |
| ROCKING-P ABRAHAM 2193 | USA 72640786 | | | | | | |
| ROCKING-P ABRAHAM 2210 | USA 72640803 | | | | | | |
| ROCKING-P ABRAHAM 2291 | USA 72640884 | | | C | | | |
| ROCKING-P ABRAHAM 2310 | USA 72640903 | | | C | | | |
| ROCKING-P ABRAHAM 2341 | USA 72640934 | | | | | | |
| ROCKING-P ALADDIN 2153 | USA 72640746 | | | | | | |
| ROCKING-P ANDY 2283 | USA 72640876 | | | | | | |
| ROCKING-P ATWOOD ELEANOR | USA 72640732 | | | | | | |
| ROCKING-P AWESOME 1981 | USA 71360475 | | | | | | |
| ROCKING-P AWESOME 1997 | USA 71360491 | | | | | | |
| ROCKING-P AWESOME 2064 | USA 71360558 | | | | | | |
| ROCKING-P AWESOME 2072 | USA 71360566 | | | C | | | |
| ROCKING-P AWESOME 2100 | USA 72640693 | | | C | | | |
| ROCKING-P AWESOME 2180 | USA 72640773 | | | C | | | |
| ROCKING-P AWESOME 2217 | USA 72640810 | | | | | | |
| ROCKING-P AWESOME 2229 | USA 72640822 | | | | | | |
| ROCKING-P AWESOME 2249 | USA 72640842 | | | C | | | |
| ROCKING-P AWESOME 2259 | USA 72640852 | | | | | | |
| ROCKING-P AWESOME 2277 | USA 72640870 | | | | | | |
| ROCKING-P AWESOME 2289 | USA 72640882 | | | | | | |
| ROCKING-P AWESOME 2303 | USA 72640896 | | | C | | | |
| ROCKING-P AWESOME 2308 | USA 72640901 | | | | | | |
| ROCKING-P AWESOME 2312-TW | USA 72640905 | | | C | | | |
| ROCKING-P AWESOME 2351 | USA 72640944 | | | | | | |
| ROCKING-P AWESOME 2381 | USA 72640974 | | | C | | | |
| ROCKING-P AWESOME 2397 | USA 72640990 | | | | | | |
| ROCKING-P AWESOME 2418 | USA 73915993 | | | C | | | |
| ROCKING-P AWESOME 2436 | USA 73916011 | | | C | | | |
| ROCKING-P AWESOME 2438 | USA 73916013 | | | | | | |
| ROCKING-P AWESOME 2452 | USA 73916027 | | | C | | | |
| ROCKING-P AWESOME 2464 | USA 73916039 | | | | | | |
| ROCKING-P BAIRD 2175 | USA 72640768 | | | C | | | |
| ROCKING-P BOWSER LUNA-ET | USA 69381312 | | | | | | |
| ROCKING-P BOYOBOY 2163 | USA 72640756 | | | | | | |
| ROCKING-P BOYOBOY 2167 | USA 72640760 | | | | | | |
| ROCKING-P BOYOBOY 2178 | USA 72640771 | | | | | | |
| ROCKING-P BOYOBOY 2226 | USA 72640819 | | | | | | |
| ROCKING-P BOYOBOY 2288 | USA 72640881 | | | | | | |
| ROCKING-P BOYOBOY 2293 | USA 72640886 | | | | | | |
| ROCKING-P BOYOBOY 2371 | USA 72640964 | | | C | | | |
| ROCKING-P BRANDY 2374 | USA 72640967 | | | | | | |
| ROCKING-P CABHI 2029 | USA 71360523 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P CAJUN 2132 | USA 72640725 | | | | | | |
| ROCKING-P CHIP 2083 | USA 71360577 | | | | | | |
| ROCKING-P CHIPPEWA 2443 | USA 73916018 | | | | | | |
| ROCKING-P CHIPPEWA 2456 | USA 73916031 | | | | | | |
| ROCKING-P DADDY SHAOLIN-ET | USA 71360588 | | | | | | |
| ROCKING-P DEMPSEY 2451 | USA 73916026 | | | C | | | |
| ROCKING-P DEMPSEY 2453 | USA 73916028 | | | | | | |
| ROCKING-P DEMPSEY 2459 | USA 73916034 | | | | | | |
| ROCKING-P DEMPSEY 2461 | USA 73916036 | | | | | | |
| ROCKING-P DEMPSEY 2465 | USA 73916040 | | | | | | |
| ROCKING-P DEMPSEY 2466 | USA 73916041 | | | | | | |
| ROCKING-P DEMPSEY 2476 | USA 73916051 | | | | | | |
| ROCKING-P DEMPSEY 2482 | USA 73916057 | | | | | | |
| ROCKING-P DEMPSEY 2489 | USA 73916064 | | | | | | |
| ROCKING-P DEMPSEY 2492 | USA 73916067 | | | | | | |
| ROCKING-P DEMPSEY 2498 | USA 73916073 | | | | | | |
| ROCKING-P DEMPSEY 2503 | USA 73916078 | | | | | | |
| ROCKING-P DEMPSEY 2504 | USA 73916079 | | | | | | |
| ROCKING-P DEMPSEY 2507 | USA 73916082 | | | | | | |
| ROCKING-P DEMPSEY 2521 | USA 73916096 | | | | | | |
| ROCKING-P DEMPSEY 2525 | USA 73916100 | | | | | | |
| ROCKING-P DEMPSEY 2528 | USA 73916103 | | | | | | |
| ROCKING-P DEMPSEY 2530 | USA 73916105 | | | | | | |
| ROCKING-P DEMPSEY 2531 | USA 73916106 | | | | | | |
| ROCKING-P DEMPSEY 2535 | USA 73916110 | | | | | | |
| ROCKING-P DENIM 2245 | USA 72640838 | | | | | | |
| ROCKING-P DENIM 2255 | USA 72640848 | | | | | | |
| ROCKING-P DENIM 2270 | USA 72640863 | | | | | | |
| ROCKING-P DENIM 2272 | USA 72640865 | | | | | | |
| ROCKING-P DENIM 2279 | USA 72640872 | | | | | | |
| ROCKING-P DENIM 2286 | USA 72640879 | | | | | | |
| ROCKING-P DENIM 2307 | USA 72640900 | | | | | | |
| ROCKING-P DENIM 2309 | USA 72640902 | | | | | | |
| ROCKING-P DENIM 2327 | USA 72640920 | | | | | | |
| ROCKING-P DENIM 2363 | USA 72640956 | | | | | | |
| ROCKING-P DENIM 2373 | USA 72640966 | | | | | | |
| ROCKING-P DENIM 2398 | USA 72640991 | | | | | | |
| ROCKING-P DENIM 2400 | USA 73915975 | | | | | | |
| ROCKING-P DENIM 2427 | USA 73916002 | | | | | | |
| ROCKING-P DENZEL 2298 | USA 72640891 | | | | | | 3 |
| ROCKING-P DEPUTY 2520 | USA 73916095 | | | | | | |
| ROCKING-P DESIGN 2450 | USA 73916025 | | | | | | |
| ROCKING-P DESIGN 2500 | USA 73916075 | | | | | | |
| ROCKING-P DESIGN 2502 | USA 73916077 | | | | | | |
| ROCKING-P DESIGN 2509 | USA 73916084 | | | | | | |

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|---|---|---|---|---|---|---|---|
| ROCKING-P DESIGN 2518 | USA 73916093 | | | | | | |
| ROCKING-P DESTRY LOLLI-RED | USA 73916164 | | | | | | 1 |
| ROCKING-P DOMAIN 1977 | USA 71360471 | | | | | | |
| ROCKING-P DOMAIN 2033 | USA 71360527 | | | | | | |
| ROCKING-P DOMAIN 2037 | USA 71360531 | | | | | | |
| ROCKING-P DOMAIN 2112 | USA 72640705 | | | | | | |
| ROCKING-P DOMAIN 2157 | USA 72640750 | | | | | | |
| ROCKING-P DOMAIN 2159 | USA 72640752 | | | | | | |
| ROCKING-P DOMAIN 2162 | USA 72640755 | C | | | | | |
| ROCKING-P DOMAIN ELLERY | USA 72640807 | | | | | | |
| ROCKING-P DOMINGO 1996 | USA 71360490 | | | | | | |
| ROCKING-P DOMINGO 2000-TW | USA 71360494 | | | | | | |
| ROCKING-P DURANT 2278 | USA 72640871 | | | | | | |
| ROCKING-P DUSK 2267 | USA 72640860 | C | | | | | |
| ROCKING-P DUSK 2276 | USA 72640869 | | | | | | |
| ROCKING-P DUSK 2294 | USA 72640887 | | | | | | |
| ROCKING-P DUSK 2296 | USA 72640889 | | | | | | |
| ROCKING-P DUSK 2336 | USA 72640929 | | | | | | |
| ROCKING-P DUSK 2338 | USA 72640931 | | | | | | |
| ROCKING-P DUSK 2349 | USA 72640942 | | | | | | |
| ROCKING-P DUSK 2350 | USA 72640943 | | | | | | |
| ROCKING-P DUSK 2352 | USA 72640945 | | | | | | |
| ROCKING-P DUSK 2353 | USA 72640946 | | | | | | |
| ROCKING-P DUSK 2356 | USA 72640949 | | | | | | |
| ROCKING-P DUSK 2369 | USA 72640962 | | | | | | |
| ROCKING-P DUSK 2393 | USA 72640986 | | | | | | |
| ROCKING-P DUSK 2426 | USA 73916001 | | | | | | |
| ROCKING-P DUSK 2429 | USA 73916004 | | | | | | |
| ROCKING-P DUSK 2475 | USA 73916050 | | | | | | |
| ROCKING-P DUSK 2481 | USA 73916056 | | | | | | |
| ROCKING-P EARNHART 2240-TW | USA 72640833 | | | | | | |
| ROCKING-P EARNHART 2242 | USA 72640835 | | | | | | |
| ROCKING-P ERDMAN 2116 | USA 72640709 | | | | | | |
| ROCKING-P ERDMAN 2141 | USA 72640734 | C | | | | | |
| ROCKING-P ERDMAN 2148 | USA 72640741 | | | | | | |
| ROCKING-P ERDMAN 2171 | USA 72640764 | | | | | | |
| ROCKING-P ERDMAN 2174 | USA 72640767 | | | | | | |
| ROCKING-P ERDMAN 2235 | USA 72640828 | | | | | | |
| ROCKING-P ERDMAN 2323 | USA 72640916 | | | | | | |
| ROCKING-P ERDMAN 2328 | USA 72640921 | | | | | | |
| ROCKING-P ERDMAN 2354 | USA 72640947 | | | | | | |
| ROCKING-P ERDMAN 2411 | USA 73915986 | | | | | | |
| ROCKING-P ERDMAN 2448 | USA 73916023 | | | | | | |
| ROCKING-P ERDMAN 2449 | USA 73916024 | | | | | | |
| ROCKING-P ERDMAN 2517 | USA 73916092 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P ESTIMATOR 2053 | USA 71360547 | | | | | | |
| ROCKING-P ESTIMATOR 2058 | USA 71360552 | | | | | | |
| ROCKING-P EVAN 2430 | USA 73916005 | | | | | | |
| ROCKING-P EVAN 2447 | USA 73916022 | | | | | | |
| ROCKING-P EVAN 2463 | USA 73916038 | | | | | | |
| ROCKING-P EVAN 2527 | USA 73916102 | | | | | | |
| ROCKING-P EVAN 2533 | USA 73916108 | | | | | | |
| ROCKING-P FANG 2140 | USA 72640733 | | | | | | |
| ROCKING-P FANG 2142 | USA 72640735 | | | | | | |
| ROCKING-P FANG 2394 | USA 72640987 | | | | | | |
| ROCKING-P FANG 2396 | USA 72640989 | | | | | | |
| ROCKING-P FRANK 1999 | USA 71360493 | | | | | | |
| ROCKING-P FRANK 2005 | USA 71360499 | | | C | | | |
| ROCKING-P FRANK 2030 | USA 71360524 | | | | | | |
| ROCKING-P FRANK 2034 | USA 71360528 | | | | | | |
| ROCKING-P FRANK 2036 | USA 71360530 | | | | | | |
| ROCKING-P FRANK 2061 | USA 71360555 | | | | | | |
| ROCKING-P FRANK 2071 | USA 71360565 | | | | | | |
| ROCKING-P FRANK 2098 | USA 71360592 | | | | | | |
| ROCKING-P FRANK 2099 | USA 71360593 | | | | | | |
| ROCKING-P FRANK 2103 | USA 72640696 | | | | | | |
| ROCKING-P FRANK 2104 | USA 72640697 | | | | | | |
| ROCKING-P FRANK 2107 | USA 72640700 | | | | | | |
| ROCKING-P FRANK 2108 | USA 72640701 | | | | | | |
| ROCKING-P FRANK 2119 | USA 72640712 | | | | | | |
| ROCKING-P FRANK 2120 | USA 72640713 | C | | | | | |
| ROCKING-P FRANK 2125 | USA 72640718 | | | | | | |
| ROCKING-P FRANK 2136 | USA 72640729 | | | | | | |
| ROCKING-P FRANK 2146 | USA 72640739 | | | | | | |
| ROCKING-P FRANK 2184 | USA 72640777 | | | | | | |
| ROCKING-P FRANK 2185 | USA 72640778 | | | | | | |
| ROCKING-P FRANK 2186 | USA 72640779 | | | | | | |
| ROCKING-P FRANK 2189 | USA 72640782 | | | | | | |
| ROCKING-P FRANK 2202 | USA 72640795 | | | | | | |
| ROCKING-P FRANK 2213 | USA 72640806 | | | | | | |
| ROCKING-P FREDDIE 2105 | USA 72640698 | | | | | | |
| ROCKING-P FREDDIE 2204 | USA 72640797 | | | | | | |
| ROCKING-P FREDDIE 2211 | USA 72640804 | | | | | | |
| ROCKING-P FULFIL ISY 2454 | USA 73916029 | | | | | | |
| ROCKING-P GARNETT 2045 | USA 71360539 | | | | | | |
| ROCKING-P GARNETT 2050 | USA 71360544 | | | C | | | |
| ROCKING-P GARNETT 2074 | USA 71360568 | | | | | | |
| ROCKING-P GARNETT 2079 | USA 71360573 | | | | | | |
| ROCKING-P GARNETT 2084 | USA 71360578 | | | C | | | |
| ROCKING-P GENEVA 2154 | USA 72640747 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P GILDRI 2218 | USA 72640811 | | | | | | |
| ROCKING-P GRAF LUCILLE-ET | USA 71360372 | | | | | | 1 |
| ROCKING-P GRAF LUELLA-ET | USA 71360438 | | | | | | |
| ROCKING-P GRAF LUMINITA-ET | USA 71360442 | | | | | | 1 |
| ROCKING-P GRAF LUXURY-ET | USA 71360374 | | | | | | |
| ROCKING-P HALOGEN SUE | USA 73916129 | | | | | | |
| ROCKING-P HERMY 2200 | USA 72640793 | | | | | | |
| ROCKING-P JAKE 2263 | USA 72640856 | | | | | | |
| ROCKING-P JAKE 2266 | USA 72640859 | | | | | | |
| ROCKING-P JAKE 2268 | USA 72640861 | | | | | | |
| ROCKING-P JAKE 2282 | USA 72640875 | | | | | | |
| ROCKING-P JAKE 2299 | USA 72640892 | | | | | | |
| ROCKING-P JAKE 2316 | USA 72640909 | | | | | | |
| ROCKING-P JAKE 2355 | USA 72640948 | | | | | | |
| ROCKING-P JAKE 2360 | USA 72640953 | | | | | | |
| ROCKING-P JAKE 2376 | USA 72640969 | | | | | | |
| ROCKING-P JAKE 2382 | USA 72640975 | | | | | | |
| ROCKING-P JAMES 2488 | USA 73916063 | | | | | | |
| ROCKING-P JAMES 2491 | USA 73916066 | | | | | | |
| ROCKING-P JAMES 2510 | USA 73916085 | | | | | | |
| ROCKING-P JAYDEN 2273 | USA 72640866 | | | | | | |
| ROCKING-P JAYDEN 2460 | USA 73916035 | | | | | | |
| ROCKING-P JAYDEN 2495 | USA 73916070 | | | | | | |
| ROCKING-P JAYDEN 2513 | USA 73916088 | | | | | | |
| ROCKING-P JAYDEN 2522 | USA 73916097 | | | | | | |
| ROCKING-P JAYDEN 2524 | USA 73916099 | | | | | | |
| ROCKING-P JETLINER 1984 | USA 71360478 | | | C | | | |
| ROCKING-P JETLINER 1992 | USA 71360486 | | | | | | |
| ROCKING-P JETLINER 2011 | USA 71360505 | | | | | | |
| ROCKING-P JETLINER 2023 | USA 71360517 | | | | | | |
| ROCKING-P JETLINER 2024 | USA 71360518 | | | | | | |
| ROCKING-P JETLINER 2025 | USA 71360519 | | | | | | |
| ROCKING-P JETLINER 2075 | USA 71360569 | | | | | | |
| ROCKING-P JETLINER 2076 | USA 71360570 | | | | | | |
| ROCKING-P JETLINER 2077 | USA 71360571 | | | C | | | |
| ROCKING-P JETLINER 2086 | USA 71360580 | | | | | | |
| ROCKING-P JETLINER 2110 | USA 72640703 | | | | | | |
| ROCKING-P JETLINER 2114 | USA 72640707 | | | | | | |
| ROCKING-P JETLINER 2115 | USA 72640708 | | | | | | |
| ROCKING-P JITTERBUG 2431 | USA 73916006 | | | | | | |
| ROCKING-P JITTERBUG 2437 | USA 73916012 | | | | | | |
| ROCKING-P JITTERBUG 2458 | USA 73916033 | | | | | | |
| ROCKING-P JITTERBUG 2467 | USA 73916042 | | | | | | |
| ROCKING-P JITTERBUG 2480 | USA 73916055 | | | | | | |
| ROCKING-P JITTERBUG 2505 | USA 73916080 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P JITTERBUG 2514 | USA 73916089 | | | C | | | |
| ROCKING-P JOCK 2044 | USA 71360538 | | | | | | |
| ROCKING-P JOCK 2046 | USA 71360540 | | | | | | |
| ROCKING-P JOCK 2057 | USA 71360551 | C | | | | | |
| ROCKING-P JOCK 2093 | USA 71360587 | | | C | | | |
| ROCKING-P JOCK 2101 | USA 72640694 | | | C | | | |
| ROCKING-P JOCK 2111 | USA 72640704 | | | | | | |
| ROCKING-P JOCK 2113 | USA 72640706 | C | | | | | |
| ROCKING-P JOCK 2126 | USA 72640719 | | | | | | |
| ROCKING-P JOCK 2127 | USA 72640720 | | | C | | | |
| ROCKING-P JOCK 2130 | USA 72640723 | | | C | | | |
| ROCKING-P JOCK 2135 | USA 72640728 | | | | | | |
| ROCKING-P JOCK 2143 | USA 72640736 | | | | | | |
| ROCKING-P JOCK 2147 | USA 72640740 | | | | | | |
| ROCKING-P JOCK 2155 | USA 72640748 | | | | | | |
| ROCKING-P JOCK 2165 | USA 72640758 | | | | | | |
| ROCKING-P JOCK 2169 | USA 72640762 | | | C | | | |
| ROCKING-P JOCK 2182 | USA 72640775 | | | | | | |
| ROCKING-P JOCK 2199 | USA 72640792 | | | | | | |
| ROCKING-P JOCK 2209 | USA 72640802 | | | | | | |
| ROCKING-P JOCK 2219 | USA 72640812 | | | C | | | |
| ROCKING-P JOCK 2239 | USA 72640832 | | | | | | |
| ROCKING-P JOCK 2285 | USA 72640878 | | | | | | |
| ROCKING-P JOCK 2290 | USA 72640883 | | | | | | |
| ROCKING-P JOCK 2295 | USA 72640888 | | | | | | |
| ROCKING-P JOCK 2301 | USA 72640894 | | | C | | | |
| ROCKING-P JOCK 2319 | USA 72640912 | | | C | | | |
| ROCKING-P JOCK 2321 | USA 72640914 | | | C | | | |
| ROCKING-P JOCK 2326 | USA 72640919 | | | | | | |
| ROCKING-P JOCK 2339 | USA 72640932 | | | C | | | |
| ROCKING-P JOCK 2358 | USA 72640951 | | | | | | |
| ROCKING-P JOCK 2372 | USA 72640965 | | | | | | |
| ROCKING-P JOCK 2379 | USA 72640972 | | | C | | | |
| ROCKING-P JOCK 2388 | USA 72640981 | | | C | | | |
| ROCKING-P JOCK 2392 | USA 72640985 | | | C | | | |
| ROCKING-P JOCK 2410 | USA 73915985 | | | C | | | |
| ROCKING-P JOCK 2420 | USA 73915995 | | | | | | |
| ROCKING-P JOCK 2422 | USA 73915997 | | | | | | |
| ROCKING-P JOCK 2428 | USA 73916003 | | | C | | | |
| ROCKING-P JOCK 2445 | USA 73916020 | | | C | | | |
| ROCKING-P KEMP 2483 | USA 73916058 | | | | | | |
| ROCKING-P KEMP 2486 | USA 73916061 | | | | | | |
| ROCKING-P KEYBOARD 2469 | USA 73916044 | | | | | | |
| ROCKING-P KEYBOARD 2472 | USA 73916047 | | | | | | 3 |
| ROCKING-P KEYBOARD 2473 | USA 73916048 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P KEYBOARD 2477 | USA 73916052 | | | | | | 3 |
| ROCKING-P KEYBOARD 2485 | USA 73916060 | | | | | | |
| ROCKING-P KEYBOARD 2487 | USA 73916062 | | | | | | |
| ROCKING-P KEYBOARD 2490 | USA 73916065 | | | | | | |
| ROCKING-P KEYBOARD 2506 | USA 73916081 | | | | | | |
| ROCKING-P KEYBOARD 2512 | USA 73916087 | | | | | | |
| ROCKING-P KRISTOFF 2241 | USA 72640834 | | | | | | |
| ROCKING-P KRISTOFF 2248 | USA 72640841 | | | | | | |
| ROCKING-P KRISTOFF 2252 | USA 72640845 | | | | | | |
| ROCKING-P KRISTOFF 2256 | USA 72640849 | | | | | | |
| ROCKING-P KRISTOFF 2257 | USA 72640850 | | | | | | |
| ROCKING-P KRISTOFF 2262 | USA 72640855 | | | | | | |
| ROCKING-P KRISTOFF 2280 | USA 72640873 | | | | | | |
| ROCKING-P KRISTOFF 2302 | USA 72640895 | | | | | | |
| ROCKING-P KRISTOFF 2314 | USA 72640907 | | | | | | |
| ROCKING-P KRISTOFF 2322 | USA 72640915 | | | | | | |
| ROCKING-P KRISTOFF 2330 | USA 72640923 | | | | | | |
| ROCKING-P KRISTOFF 2331 | USA 72640924 | | | | | | |
| ROCKING-P KRISTOFF 2334 | USA 72640927 | | | | | | |
| ROCKING-P KRISTOFF 2362 | USA 72640955 | | | | | | |
| ROCKING-P KRISTOFF 2364 | USA 72640957 | | | | | | |
| ROCKING-P KRISTOFF 2368 | USA 72640961 | | | | | | |
| ROCKING-P KRISTOFF 2380 | USA 72640973 | | | | | | |
| ROCKING-P LADYSMAN 2519 | USA 73916094 | | | | | | |
| ROCKING-P LADYSMAN 2526 | USA 73916101 | | | | | | |
| ROCKING-P LADYSMAN 2529 | USA 73916104 | | | | | | |
| ROCKING-P LASZLO 2060 | USA 71360554 | | | | | | |
| ROCKING-P LAURENZ 2095 | USA 71360589 | | | | | | |
| ROCKING-P LAVAMAN 2220 | USA 72640813 | | | | | | |
| ROCKING-P LEBRON 2088 | USA 71360582 | | | | | | |
| ROCKING-P LEBRON 2090 | USA 71360584 | | | | | | |
| ROCKING-P LEBRON 2151 | USA 72640744 | | | | | | |
| ROCKING-P LEDGER 2415 | USA 73915990 | | | | | | |
| ROCKING-P LES 1976 | USA 71360470 | | | | | | |
| ROCKING-P LES 1978 | USA 71360472 | | | | | | |
| ROCKING-P LES 2031-TW | USA 71360525 | | | | | | |
| ROCKING-P LES 2032-TW | USA 71360526 | | | | | | |
| ROCKING-P LES 2048 | USA 71360542 | | | | | | |
| ROCKING-P LESTER 2152 | USA 72640745 | | | | | | |
| ROCKING-P LESTER 2225 | USA 72640818 | | | | | | |
| ROCKING-P LESTER 2251 | USA 72640844 | | | | | | |
| ROCKING-P LESTER 2305-TW | USA 72640898 | | | | | | |
| ROCKING-P LESTER 2306-TW | USA 72640899 | | | | | | |
| ROCKING-P LESTER 2340 | USA 72640933 | | | | | | |
| ROCKING-P LESTER 2359 | USA 72640952 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P LESTER 2370 | USA 72640963 | | | | | | |
| ROCKING-P LESTER 2387 | USA 72640980 | | | | | | |
| ROCKING-P LESTER 2390-TW | USA 72640983 | | | | | | |
| ROCKING-P LESTER 2391-TW | USA 72640984 | | | | | | |
| ROCKING-P LESTER 2395 | USA 72640988 | | | | | | |
| ROCKING-P LESTER 2402 | USA 73915977 | | | | | | |
| ROCKING-P LESTER 2405 | USA 73915980 | | | | | | |
| ROCKING-P LESTER 2423 | USA 73915998 | | | | | | |
| ROCKING-P LESTER 2433 | USA 73916008 | | | | | | |
| ROCKING-P LESTER 2439 | USA 73916014 | | | | | | |
| ROCKING-P LESTER 2442 | USA 73916017 | | | | | | |
| ROCKING-P LESTER 2446 | USA 73916021 | | | C | | | |
| ROCKING-P LESTER 2457 | USA 73916032 | | | | | | |
| ROCKING-P LESTER 2468 | USA 73916043 | | | | | | |
| ROCKING-P LINT 2097 | USA 71360591 | | | | | | |
| ROCKING-P LINT 2118 | USA 72640711 | | | | | | |
| ROCKING-P LINT 2129 | USA 72640722 | | | | | | |
| ROCKING-P LINT 2176 | USA 72640769 | | | | | | |
| ROCKING-P LINT 2177 | USA 72640770 | | | | | | |
| ROCKING-P LINT 2191 | USA 72640784 | | | | | | |
| ROCKING-P LINT 2212 | USA 72640805 | | | | | | |
| ROCKING-P LINT 2215 | USA 72640808 | | | | | | |
| ROCKING-P LINT 2221 | USA 72640814 | | | | | | |
| ROCKING-P LINT 2238 | USA 72640831 | | | | | | |
| ROCKING-P LINT 2269 | USA 72640862 | | | | | | |
| ROCKING-P LIONEL 1988 | USA 71360482 | | | | | | |
| ROCKING-P LIONEL 1993 | USA 71360487 | | | | | | |
| ROCKING-P LIONEL 2004 | USA 71360498 | | | | | | |
| ROCKING-P LIONEL 2026 | USA 71360520 | | | | | | |
| ROCKING-P LIONEL 2028 | USA 71360522 | | | | | | |
| ROCKING-P LIONEL 2047 | USA 71360541 | | | | | | |
| ROCKING-P LIONEL 2081 | USA 71360575 | | | | | | |
| ROCKING-P LOT DA SHEEN 2494 | USA 73916069 | | | | | | 1 |
| ROCKING-P LOTTIE DA 2516 | USA 73916091 | | | | | | |
| ROCKING-P LOTTO 2013 | USA 71360507 | | | | | | |
| ROCKING-P LOTTO 2052 | USA 71360546 | | | | | | |
| ROCKING-P LOTTO 2059 | USA 71360553 | | | | | | |
| ROCKING-P LOTTO 2065 | USA 71360559 | | | | | C | |
| ROCKING-P LOTTO 2106 | USA 72640699 | | | | | | |
| ROCKING-P LOTTO 2133 | USA 72640726 | | | | | | |
| ROCKING-P LOTTO 2145 | USA 72640738 | | | | | | |
| ROCKING-P LOTTO 2173 | USA 72640766 | | | | | | |
| ROCKING-P LOTTO 2187 | USA 72640780 | | | | | | |
| ROCKING-P LOTTO 2188 | USA 72640781 | | | | | | |
| ROCKING-P LOTTO 2194 | USA 72640787 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P LOTTO 2197 | USA 72640790 | | | | | | |
| ROCKING-P LYDIARD 2378 | USA 72640971 | | | | | | |
| ROCKING-P LYDIARD 2384 | USA 72640977 | | | | | | |
| ROCKING-P LYDIARD 2435 | USA 73916010 | | | | | | |
| ROCKING-P LYDIARD 2479 | USA 73916054 | | | | | | |
| ROCKING-P LYDIARD 2523 | USA 73916098 | | | | | | |
| ROCKING-P MACK LADY 2385-ET | USA 72640978 | | | | | | |
| ROCKING-P MACK LANA 2348-ET | USA 72640941 | | | | | | |
| ROCKING-P MACK LEXI 2345-ET | USA 72640938 | | | | | | |
| ROCKING-P MACK LILY 2344-ET | USA 72640937 | | | | | | |
| ROCKING-P MACK LULU 2383-ET | USA 72640976 | | | | | | |
| ROCKING-P MACK LUX 2347-ET | USA 72640940 | | | | | | |
| ROCKING-P MANCHU 2138 | USA 72640731 | | | | | | |
| ROCKING-P MARCELON 2179 | USA 72640772 | | | | | | |
| ROCKING-P MARCELON 2203 | USA 72640796 | | | | | | |
| ROCKING-P MARCELON 2206 | USA 72640799 | | | | | | |
| ROCKING-P MARCELON 2222 | USA 72640815 | | | | | | |
| ROCKING-P MARCELON 2223 | USA 72640816 | | | | | | |
| ROCKING-P MARCELON 2224 | USA 72640817 | | | | | | |
| ROCKING-P MARCELON 2231 | USA 72640824 | | | | | | |
| ROCKING-P MARCELON 2243 | USA 72640836 | | | | | | |
| ROCKING-P MARCELON 2244 | USA 72640837 | | | | | | |
| ROCKING-P MARCELON 2247 | USA 72640840 | | | | | | |
| ROCKING-P MARCELON 2254 | USA 72640847 | | | | | | |
| ROCKING-P MARCELON 2261 | USA 72640854 | | | | | | |
| ROCKING-P MARCELON 2320 | USA 72640913 | | | | | | |
| ROCKING-P MARTEZ 2325 | USA 72640918 | | | | | | |
| ROCKING-P MASSEY LOLITA | USA 72640791 | | | | | | |
| ROCKING-P MCCN ELYSIA | USA 72640970 | | | | | | |
| ROCKING-P MINX 2158 | USA 72640751 | | | | | | |
| ROCKING-P MINX 2168 | USA 72640761 | | | | | | |
| ROCKING-P MIZZ 2366 | USA 72640959 | | | | | | |
| ROCKING-P NU LUCERNE | USA 71360590 | | | | | | |
| ROCKING-P OMEGA 2386 | USA 72640979 | | | | | | |
| ROCKING-P OMEGA 2403 | USA 73915978 | | | | | | |
| ROCKING-P OMEGA 2416 | USA 73915991 | | | | | | |
| ROCKING-P OMEGA 2425 | USA 73916000 | | | | | | |
| ROCKING-P ONYX 2181 | USA 72640774 | | | C | | | |
| ROCKING-P ONYX 2183 | USA 72640776 | | | C | | | |
| ROCKING-P PETRONE 2055 | USA 71360549 | | | | | | |
| ROCKING-P PETRONE 2078 | USA 71360572 | | | | | | |
| ROCKING-P PETRONE 2085 | USA 71360579 | | | | | | |
| ROCKING-P POETRY 2361 | USA 72640954 | | | | | | |
| ROCKING-P PREZ 2367 | USA 72640960 | | | | | | |
| ROCKING-P RADISSON 2166 | USA 72640759 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P RADISSON 2205 | USA 72640798 | | | | | | |
| ROCKING-P RADISSON 2227-TW | USA 72640820 | | | | | | |
| ROCKING-P RADISSON 2228-TW | USA 72640821 | | | | | | |
| ROCKING-P RADISSON 2246 | USA 72640839 | | | | | | |
| ROCKING-P RADISSON 2281 | USA 72640874 | | | | | | |
| ROCKING-P RADISSON 2329 | USA 72640922 | | | | | | |
| ROCKING-P RECORD 2134 | USA 72640727 | | | | | | |
| ROCKING-P SANCHEZ 2121 | USA 72640714 | | | | | | |
| ROCKING-P SANDBOX 2407 | USA 73915982 | | | | | | |
| ROCKING-P SANDBOX 2408 | USA 73915983 | | | | | | |
| ROCKING-P SANDBOX 2412 | USA 73915987 | | | | | | |
| ROCKING-P SEQUOIA 2207 | USA 72640800 | | | | | | |
| ROCKING-P SEQUOIA 2208 | USA 72640801 | | | | | | |
| ROCKING-P SEQUOIA 2230 | USA 72640823 | | | | | | |
| ROCKING-P SEQUOIA 2253 | USA 72640846 | | | | | | |
| ROCKING-P SEQUOIA 2264-TW | USA 72640857 | | | | | | |
| ROCKING-P SEQUOIA 2265-TW | USA 72640858 | | | | | | |
| ROCKING-P SEQUOIA 2271 | USA 72640864 | | | | | | |
| ROCKING-P SEQUOIA 2297 | USA 72640890 | | | C | | | |
| ROCKING-P SEQUOIA 2317 | USA 72640910 | | | | | | |
| ROCKING-P SEQUOIA 2324 | USA 72640917 | | | | | | |
| ROCKING-P SEQUOIA 2332 | USA 72640925 | | | | | | |
| ROCKING-P SEQUOIA 2414 | USA 73915989 | | | | | | |
| ROCKING-P SEQUOIA 2417 | USA 73915992 | | | | | | |
| ROCKING-P SEQUOIA 2434 | USA 73916009 | | | | | | |
| ROCKING-P SEQUOIA 2455 | USA 73916030 | | | | | | |
| ROCKING-P SEQUOIA 2474 | USA 73916049 | | | | | | |
| ROCKING-P SEQUOIA 2478 | USA 73916053 | | | | | | |
| ROCKING-P SEQUOIA 2501 | USA 73916076 | | | | | | |
| ROCKING-P SEQUOIA 2508 | USA 73916083 | | | | | | |
| ROCKING-P SEQUOIA 2532 | USA 73916107 | | | | | | |
| ROCKING-P SEQUOIA 2534 | USA 73916109 | | | | | | |
| ROCKING-P SOLDIER 2357 | USA 72640950 | | | | | | |
| ROCKING-P SONIC 2092 | USA 71360586 | | | | | | |
| ROCKING-P SS LULLABY | USA 72640788 | | | | | | |
| ROCKING-P SS SHELBY-ET | USA 71360563 | | | | | | |
| ROCKING-P SS SHELLY-ET | USA 71360560 | | | | | | |
| ROCKING-P SUPER LATIFAH-ET | USA 69381338 | | | | | | |
| ROCKING-P SUPER LEIA-ET | USA 69381334 | | | | | | |
| ROCKING-P SUPER LOVEGOOD-ET | USA 70398117 | | | | | | |
| ROCKING-P SUPER LUCY-ET | USA 69381269 | | | | | | |
| ROCKING-P SUPER LYDIA-ET | USA 69381339 | | | | | | |
| ROCKING-P SUPERSIRE 2342 | USA 72640935 | C | | | | | |
| ROCKING-P SUPERSIRE 2365 | USA 72640958 | | | | | | |
| ROCKING-P SUPERSIRE 2375 | USA 72640968 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKING-P SUPERSIRE 2404 | USA 73915979 | | | | | | |
| ROCKING-P TOUCH 2161 | USA 72640754 | | | | | | |
| ROCKING-P TUCK 1994 | USA 71360488 | | | | | | |
| ROCKING-P TUCK 2056 | USA 71360550 | | | C | | | |
| ROCKING-P TUCK 2062 | USA 71360556 | | | | | | |
| ROCKING-P TUCK 2068 | USA 71360562 | | | | | | |
| ROCKING-P TUCK 2082 | USA 71360576 | | | | | | |
| ROCKING-P TUCK 2117 | USA 72640710 | | | | | | |
| ROCKING-P TUCK 2128 | USA 72640721 | | | | | | |
| ROCKING-P TUCK 2131 | USA 72640724 | | | | | | |
| ROCKING-P TUSCOBIA 2462 | USA 73916037 | | | | | | |
| ROCKING-P TUSCOBIA 2493 | USA 73916068 | | | | | | |
| ROCKING-P TWAYNE 2300 | USA 72640893 | | | C | | | |
| ROCKING-P WENDL 2073 | USA 71360567 | | | | | | |
| ROCKING-P WINDBROOK ENTROPY | USA 72640880 | | | | | | |
| ROCKING-P WOOD 2292-TW | USA 72640885 | | | | | | |
| ROCKING-P YAMUNA 2333 | USA 72640926 | | | | | | |
| ROCKING-P YANO 1979 | USA 71360473 | | | | | | |
| ROCKING-P YANO 2067 | USA 71360561 | | | | | | |
| ROCKING-P YANO 2087 | USA 71360581 | | | | | | |
| ROCKING-P YANO 2089 | USA 71360583 | | | | | | |
| ROCKING-P YANO 2102 | USA 72640695 | | | | | | |
| ROCKING-P YANO 2122 | USA 72640715 | | | | | | |
| ROCKING-P YANO 2123 | USA 72640716 | | | | | | |
| ROCKING-P YANO 2144 | USA 72640737 | | | | | | |
| ROCKING-P YANO 2258 | USA 72640851 | | | | | | |
| ROCKING-P YOVANI 2497 | USA 73916072 | | | | | | |
| ROCKLAN DARBY RAE-ET | USA 142575873 | | | | | | |
| ROCKLAN LAURIN MAVIS-ET | USA 141236278 | | | | | | |
| ROCKLAN WINDBRK RAINBOW-ET | USA 143058348 | | | | | | 1 |
| ROCKLAN WINDBROOK DARBY-ET | USA 143075983 | | | | | | 3 |
| ROCKLAN WINDBROOK HEIDI-ET | USA 142915493 | | | | | | 1 |
| ROCKLAN-O ATWD PLATINUM-ET | USA 143091974 | | | | | | 1 |
| ROCKLAN-T ATWOOD RALLY-ET | USA 141244116 | | | | | | |
| ROCKLAN-T GOLDWYN RAQUEL-ET | USA 141244134 | | | | | | |
| ROCKNRICH 218 5123 | USA 142162158 | | | | | | |
| ROCKNRICH 218 5140 | USA 142162176 | | | | | C | |
| ROCKNRICH AUTOPILOT 5143 | USA 142145344 | | | | | | |
| ROCKNRICH DAMION 5138 | USA 142145308 | | | | | | |
| ROCKNRICH EMPHASIS 5064 | USA 141327075 | | | | | | |
| ROCKNRICH FARSANO 5128 | USA 142145214 | | | | | | |
| ROCKNRICH FARSANO 5139 | USA 142145317 | | | | | | |
| ROCKNRICH GW ATWOOD 5076-ET | USA 141330543 | | C | | | | |
| ROCKNRICH LAWN BOY 5054-RED | USA 141008806 | | | | | | |
| ROCKNRICH PRONTO 5001 | USA 139985933 | C | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKNRICH SHOTTLE 5070-ET | USA 141330525 | | | | | | |
| ROCKNRICH SHOTTLE 5071-ET | USA 141330534 | | | | | C | |
| ROCKNRICH SHOTTLE 5100-ET | USA 141681126 | C | | C | | | |
| ROCKPORT-VIEW 1711-ET | 840003131019511 | | | | | | |
| ROCKPORT-VIEW CARA 1583-ET | USA 72691977 | | | | | | |
| ROCKPORT-VIEW DOORMAN 1497 | USA 72691892 | | | | | | |
| ROCKPORT-VIEW EPIC 1394 | USA 70963422 | | | | | | |
| ROCKPORT-VIEW FB PLUM-ET | USA 70963314 | | | | | | |
| ROCKPORT-VIEW FBOOK PAMI-ET | USA 70963315 | | | | | | |
| ROCKPORT-VIEW FBOOK PRIZ-ET | USA 70963316 | | | | | | |
| ROCKPORT-VIEW GLX FAMOUS-ET | USA 72691872 | | | | | | |
| ROCKPORT-VIEW GLX FLAME-ET | USA 72691871 | | | | | | |
| ROCKPORT-VIEW GLX FLOWER-ET | USA 72691869 | | | | | | |
| ROCKPORT-VIEW GX FREEDOM-ET | USA 72691870 | | | | | | |
| ROCKPORT-VIEW HALOGEN 1596 | USA 72691990 | | | | | | |
| ROCKPORT-VIEW HALOGEN 1601 | USA 72691995 | | | | | | |
| ROCKPORT-VIEW MAYFIELD PEEL | USA 70963411 | | | | | | |
| ROCKPORT-VIEW MOGUL 1511 | USA 72691905 | | | | | | |
| ROCKPORT-VIEW MOGUL PINCHER | USA 70963399 | | | | | | |
| ROCKPORT-VIEW OBSERVER 1373 | USA 70963401 | | | | | | |
| ROCKPORT-VIEW OBSERVER 1387 | USA 70963415 | | | | | | |
| ROCKPORT-VIEW OBSERVER 1391 | USA 70963419 | | | | | | |
| ROCKPORT-VIEW OBSERVER 1399 | USA 70963427 | | | | | | |
| ROCKPORT-VIEW PLAN 1671 | 840003131019471 | | | | | | |
| ROCKPORT-VIEW PLANET 1514 | USA 72691908 | | C | | | | |
| ROCKPORT-VIEW PLANET 1522 | USA 72691916 | | | | | | |
| ROCKPORT-VIEW S ROCK PAT-ET | USA 70963287 | | | | | | |
| ROCKPORT-VIEW SHAMROCK 1411 | USA 70963439 | | | | | | |
| ROCKPORT-VIEW SHEP 1694-ET | 840003131019494 | | | | | | |
| ROCKPORT-VIEW SHEP 1695-ET | 840003131019495 | | | | | | |
| ROCKPORT-VIEW SHEP 1696-ET | 840003131019496 | | | | | | |
| ROCKPORT-VIEW SHEP 1697-ET | 840003131019497 | | | | | | |
| ROCKPORT-VIEW SHMK PALIN-ET | USA 70917069 | | | | | | |
| ROCKPORT-VIEW SILVER 1707 | 840003131019507 | | | | | | |
| ROCKPORT-VIEW SILVER-ET | 840003131019506 | | | | | | |
| ROCKPORT-VIEW SILVR 1705-ET | 840003131019505 | | | | | | |
| ROCKPORT-VIEW TGO CRLA 1582 | USA 72691976 | | | | | | |
| ROCKSTAR-GEN BN RAE LYNN | USA 72509116 | | | | | | |
| ROCKSTAR-GEN GCHIP DIVA-ET | USA 72509112 | | | | | | |
| ROCKSTAR-GEN L REBEL-ET | USA 72509113 | | | | | | 3 |
| ROCKSTAR-GEN L RINA-ET | USA 72509114 | | | | | | 3 |
| ROCKSTAR-GEN MILLIONAIRE | USA 141372561 | | | | | | |
| ROCKSTAR-GEN ROBUST SUMMER | USA 141493640 | | | | | | |
| ROCKWIN SHOTTLE 97 | USA 72289363 | | | | | | |
| ROCKWIN SHOTTLE BEAUTY-ET | USA 140908578 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKWOOD-LANE ALTON ZOE-ET | USA 62026687 | | | | | | |
| ROCKWOOD-LANE ANDREA-ET | USA 62026710 | | | | | | |
| ROCKWOOD-LANE ANITA-ET | USA 64760168 | | | | | | |
| ROCKWOOD-LANE CASS EDNA-ET | USA 64760239 | | | | | | |
| ROCKWOOD-LANE FLYN MAUD | USA 71098367 | | | | | | |
| ROCKWOOD-LANE J AILEEN-ET | USA 62026697 | | | | | | |
| ROCKWOOD-LANE JACEY MILLY | USA 74422359 | | | | | | |
| ROCKWOOD-LANE JOSE ADA-ET | USA 62026691 | | | | | | |
| ROCKWOOD-LANE JOSE ADEL-ET | USA 62026694 | | | | C | | |
| ROCKWOOD-LANE KARST ELAINE | USA 64760240 | | | | | | |
| ROCKWOOD-LANE SUPER GRETA | USA 71098279 | | | | | | |
| ROCKWOOD-LANE WINNY-ET | USA 62026682 | | | | | | |
| ROCKY-LANE PENELOPE | USA 63031911 | | | | | | |
| ROCKY-MOUNT JUST MY LUCK | USA 142002924 | | C | | | | |
| ROCKY-MOUNT SANCHEZ FINESSE | USA 141062606 | | | | | | |
| ROCKY-MOUNT SANCHEZ FRECKLE | USA 141062624 | | | | | | |
| ROCKY-MOUNT SANCHEZ LUXURY | USA 141764339 | | | | | | |
| ROCKY-MOUNT SANCHEZ WILLOW | USA 142002577 | | | | | | |
| ROCKY-RUN ATTUDE FRITZY-RED | USA 71428545 | | | | | | |
| ROCKY-RUN IMA ROCKSTAR-RED | USA 141556318 | | | | | | |
| ROCKY-TOP ABSOL 1265-RED-ET | USA 74562799 | | | | | | |
| ROCKY-TOP ADVENT MAC-RED-ET | USA 141348016 | | | | | | |
| ROCKY-TOP ASTRO LADY VOL-ET | USA 136623960 | | | | | | |
| ROCKY-TOP BRAXTON MARLA-ET | USA 142590087 | | | | | | |
| ROCKY-TOP KIT LACEY-RED-ET | USA 141938479 | | | | | | |
| ROCKY-TOP VICTORY | USA 141011066 | | | | | | |
| ROCKYMOUNTAIN ATWOOD MISTERY | CAN 10945241 | | | | | | |
| ROCKYMOUNTAIN EPIC LISAMARI-ET | CAN 11445824 | | | | | | |
| ROCKYMOUNTAIN FREDDIE ROMIN ET | CAN 11238253 | | | | | | |
| ROCKYMOUNTAIN FREDIE RASCAL-ET | CAN 11445898 | | | | | | |
| ROCKYMOUNTAIN GOLDWYN FASHI-ET | CAN 11238280 | | | | | | |
| ROCKYMOUNTAIN JB MCTISH-RED-ET | CAN 8916742 | | | | | | |
| ROCKYMOUNTAIN LANCELOT NELLIE | CAN 7484417 | | | | | | |
| ROCKYMOUNTAIN LEXOR EDEN | CAN 11445825 | | | | | | |
| ROCKYMOUNTAIN LOTTOMAX T-ET | CAN 11446018 | | | | | | |
| ROCKYMOUNTAIN MANOMAN DABBL-ET | CAN 10945231 | | | | | | |
| ROCKYMOUNTAIN MANOMAN DIMPL-ET | CAN 10945230 | | | | | | 3 |
| ROCKYMOUNTAIN MAT ALISH-RED-ET | CAN 108250986 | | C | | | | |
| ROCKYMOUNTAIN METEOR ALLURE-ET | CAN 11238208 | | | | | | |
| ROCKYMOUNTAIN PLANET RAMA-ET | CAN 9902221 | | | | | | |
| ROCKYMOUNTAIN PLANET ROMI-ET | CAN 9902222 | | | | | | |
| ROCKYMOUNTAIN RAMOS THALIA-ET | CAN 9671625 | | | | | | 1 |
| ROCKYMOUNTAIN SALTO MARGARET | CAN 7789676 | | | | | | |
| ROCKYMOUNTAIN SHOTTLE SWIZZLE | CAN 9671623 | | | | | C | |
| ROCKYMOUNTAIN SILENCE-ET | USA 139042977 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROCKYMOUNTAIN SROCK LILLI-ET | CAN 11445781 | | | | | | |
| ROCKYMOUNTAIN SUPER LEITA-ET | CAN 10945258 | | | | | C | |
| ROCKYMOUNTAIN UNO CHEYANNE-ET | CAN 11445880 | | | | | | |
| ROCKYMOUNTAIN UNO CLARISA-ET | CAN 11445881 | | | | | | |
| ROCKYMOUNTAIN UNO EMERALD | CAN 11782720 | | | | | | |
| ROCKYMOUNTAIN UNO LYZA-ET | CAN 11445857 | | | | | C | |
| ROCKYMOUTAIN BOMBERO PARIS-ET | CAN 108660554 | | | | | | |
| ROCKYPATH-HO BRND ASHLAR-ET | USA 66683749 | | | | | | |
| ROCKYPATH-HO JARV BRITNI-ET | USA 69386918 | | | | | | |
| ROCKYPATH-HO MCUTCHEN BEVIN | USA 72323955 | | | | | | |
| ROCKYPATH-HO MN BARBARA-ET | USA 65256781 | | | | | | |
| ROCKYPATH-HO PLNT BRANDY-ET | USA 66683730 | | | | | | |
| ROCKYPATH-HO SCRT BONNIE-ET | USA 66799434 | | | | | | |
| ROCKYPATH-HO SCRTS BABS-ET | USA 65256737 | | | | | | |
| ROCKYPATH-HO SCRTS BRINA-ET | USA 66374465 | | | | | | |
| ROD-ER-DIC DURHAM AMY | USA 133760590 | | | | | | |
| ROD-ER-DIC KATIE-RED | USA 134200103 | | | | | | |
| ROD-ER-DIC OUTSIDE DONEKA | USA 131417795 | | C | | | | |
| RODENBERG C NORMA-TCG-ET | USA 18036453 | | | | | | |
| RODES-VALLEY LARGE MINT | USA 142511635 | | | | | | |
| RODES-VALLEY MASSEY MARVEL | USA 142511701 | | | | | | |
| RODES-VALLEY MASSEY ROSIE | USA 142511699 | | | C | | | |
| RODES-VALLEY MOGUL RUBY-ET | USA 142511729 | | | C | | | |
| RODES-VALLEY PADLOCK REBA | USA 142709755 | | | | | | |
| RODES-VALLEY SDAN DANICA | USA 142511644 | | | | | | 1 |
| RODONWA FREDERICK TRISHA | USA 135762002 | | | | | | |
| RODONWA PALERMO FANNIE | USA 141321257 | C | | | | | |
| RODONWA ROLEX DARLENE-TW | USA 135900686 | | | | | | |
| RODONWA SHOT 61386 | 840003010365133 | | | | | | |
| RODONWA SUPER MORIAH-ET | USA 141585587 | | | | | | |
| RODROG SHOTTLE MELODY-ET | USA 63608781 | | | | | C | |
| ROEDALE ADVENT AUDI | USA 68841264 | | | | | | |
| ROEDALE AMERICAN AUTUMN-ET | USA 138174985 | | | | | | |
| ROEDALE AMERICAN DREAM-ET | USA 132629759 | | | | | | |
| ROEDALE AMERICAN SHADOW-ET | USA 138878704 | | | | | | |
| ROEDALE AMERICAN WONDER-ET | USA 138878777 | | | | | | |
| ROEDALE ATTITUDE ALEXUS-RED | USA 69958478 | | | | | | |
| ROEDALE ATWOOD 27 DIAMONDS | USA 72410283 | | | | | | |
| ROEDALE ATWOOD DAHLILA-ET | USA 71126017 | | | | | | |
| ROEDALE ATWOOD DORA | USA 69958448 | | | | | | |
| ROEDALE CONTRAST DOMINO-ET | 840003129749221 | | | | | | |
| ROEDALE DUCAT ACADIA-RED-ET | USA 73408478 | | | | | | |
| ROEDALE GOLD CHIP ACCENT-ET | USA 73914303 | | | | | | |
| ROEDALE GOLD CHIP ACURA-ET | USA 73408476 | | | | | | |
| ROEDALE GOLD CHIP ALTIMA-ET | USA 73408477 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROEDALE MOSES ASPIRE-RED-ET | USA 73914308 | | | | | | |
| ROEDALE MOSES AVANTI-RED-ET | USA 73914307 | | | | | | |
| ROEDALE SNCHZ NOSE KANDY-ET | USA 69958457 | | | | | | |
| ROEDALE TALENT LALALALOLA | USA 72410274 | | | | | | |
| ROEDALE TS DREAM DAZZLE-ET | USA 138174202 | | | | | | |
| ROEDALE TS DREAM DEENA-ET | USA 138174248 | | | | | | |
| ROEDALE WB LITTLE DEBBIE | USA 71126020 | | | | | | 3 |
| ROESHAVEN INTEGRITY HEMI | USA 141572831 | | | | | | |
| ROESHAVEN LEROY NEMO | USA 139913633 | | | | | | |
| ROESHAVEN LEROY PRESTON | USA 139688591 | | | | | | |
| ROESHAVEN MISCHIEF MACY | USA 140272886 | | | | | | |
| ROESHAVEN PAINTER ADINA | USA 141292098 | C | | | | | |
| ROESHAVEN STEWIE SHANA-RED | USA 141292128 | | | | | | |
| ROESHAVEN TIGGER FLO-JO | USA 142054930 | | | | | | |
| ROESHAVEN TIGGER SKAMPER | USA 142054912 | | | | | | |
| ROESHAVEN VIC MYRTLE | USA 141465801 | | | | | | |
| ROESTAR IOTA TYNE | USA 73724316 | | | | | | |
| ROESTAR MORTY 10708 | USA 61893802 | | | | | | |
| ROESTAR PLANET DAIZY | USA 73724278 | | | | | | |
| ROESTAR R2 DEENA | USA 73724303 | C | | | | | |
| ROESTAR TRUMP TORIANNA | USA 73724293 | | | C | | | |
| ROHAVEN ADRIAN INVOLVE | USA 73653207 | | | | | | |
| ROHAVEN ADRIAN RENDEZVOUS | USA 73653202 | | | C | | | |
| ROHAVEN ALCHEMY KHROMATIC | USA 71135201 | | | | | | 1 |
| ROHAVEN BOOKKASE | USA 71135161 | | | | | | |
| ROHAVEN BRANSON ADELINE | USA 72474007 | | | | | C | |
| ROHAVEN CLARK BAR | USA 71135184 | | | | | | |
| ROHAVEN CLARK KALAMINT | USA 71135197 | | | | | | |
| ROHAVEN DAYKARE | USA 72473996 | | | | | | |
| ROHAVEN DEFENDER KALIBRATE | USA 73653182 | | | | | | |
| ROHAVEN DELTA HOTLIPS | USA 74625080 | | | | | | |
| ROHAVEN DELTA KAI | 840003135286665 | | | | | | |
| ROHAVEN DELTA KALZONE | USA 74625078 | | | | | | |
| ROHAVEN DELTA KARINA | USA 74625084 | | | | | | |
| ROHAVEN DELTA KASHFLOW | 840003135286672 | | | | | | |
| ROHAVEN DELTA KATCALL | USA 74625077 | | | | | | |
| ROHAVEN DELTA RHO | USA 74625087 | | | C | | | |
| ROHAVEN DELUXE KADENZA | USA 72473997 | | | | | | |
| ROHAVEN EMERALD KATRYSHA | USA 74625058 | | | | | | |
| ROHAVEN EMERALD KETCH | USA 74625049 | | | | | | |
| ROHAVEN FLYN KATMANDU | USA 73653208 | | | | | | |
| ROHAVEN FLYN KELLEN | USA 73653192 | | | | | | |
| ROHAVEN FLYN MERRY | USA 72474037 | | | | | | |
| ROHAVEN FREDDIE KHROMIUM | USA 72474010 | | | | | C | |
| ROHAVEN FREDDIE KOUPLES | USA 72473995 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROHAVEN GALAXY KABANAS | USA 72474015 | | C | | | | |
| ROHAVEN GALAXY KABAR | USA 72474014 | | | | | | |
| ROHAVEN GALAXY KARILLON | USA 72474002 | | | | | | |
| ROHAVEN GALAXY KATNAP-TW | USA 72474023 | | | | | | |
| ROHAVEN GALAXY KATNIP-TW | USA 72474022 | | | | | | |
| ROHAVEN GALAXY KOGNAC | USA 72474009 | | | | | | |
| ROHAVEN GOLD CHIP ADIOS | USA 72474008 | | | | | | |
| ROHAVEN GOLD CHIP KAYAK | USA 71135208 | | | | | | |
| ROHAVEN GOLD CHIP KAZMIR | USA 72474012 | | | | | | |
| ROHAVEN HALOGEN ADAPT-TW | USA 73653190 | | | | | | |
| ROHAVEN HALOGEN ADEPT-TW | USA 73653191 | | | | | | |
| ROHAVEN HALOGEN ADLIB | USA 73653184 | | | | | | |
| ROHAVEN HALOGEN KAMARADERIE | USA 73653189 | | | | | | |
| ROHAVEN JACEY KADMUS | USA 73653181 | | | | | | |
| ROHAVEN KINGBOY KORONA | USA 74625068 | | | | | | |
| ROHAVEN KRISTOFF KURRENT | USA 72474041 | | | | | | |
| ROHAVEN KRUNCH KALABASH | USA 73653177 | | | | | | |
| ROHAVEN KRUNCH KARININ | USA 72474021 | | | | | | |
| ROHAVEN KRUNCH KRUISE | USA 73653176 | | | | | | |
| ROHAVEN LEWIS KOCA KABANA | USA 71135189 | | C | | | | |
| ROHAVEN LOCHNVAR ROXETTE-ET | USA 73653186 | | | | | | |
| ROHAVEN LOYAL HOTSPOT | USA 72474028 | | | | | | |
| ROHAVEN LOYAL VERIZON | USA 72474032 | | | | | | |
| ROHAVEN MACDONALD IDOL | USA 72474024 | | C | | | | |
| ROHAVEN MACDONALD KEEPSAKE | USA 72474040 | | | | | | |
| ROHAVEN MACDONALD KEYLIME | USA 73653200 | | C | | | | |
| ROHAVEN MACDONALD MYSTICAL | USA 73653183 | | C | | | | |
| ROHAVEN MAD MAX ADMONISH | USA 74625073 | | | | | | |
| ROHAVEN MADRON KENNESAW | USA 74625086 | | | | | | |
| ROHAVEN MADRON KIP | 840003135286662 | | | C | | | |
| ROHAVEN MAGNA KARTA | USA 74625071 | | | | | | |
| ROHAVEN MASSEY BONNET | USA 72474004 | | | | | | |
| ROHAVEN MASSEY KARRASCO | USA 72474020 | | | | | | |
| ROHAVEN MAURICE KODAK | USA 72474013 | | | | | | |
| ROHAVEN MOGUL DENISE | USA 74625091 | | | | | | |
| ROHAVEN MOGUL KALIFORNIA | USA 72474036 | | | | | | |
| ROHAVEN MOGUL KOACH-TW | 840003135286661 | | | | | | |
| ROHAVEN MONTEREY DASHING-TW | 840003135286666 | | | | | | |
| ROHAVEN MONTEREY IRMINE | USA 74625090 | | | | | | |
| ROHAVEN MONTEREY KHLOE | USA 74625065 | | | | | C | |
| ROHAVEN O-STYLE ROXSTAR-ET | USA 71135186 | | | C | | | |
| ROHAVEN ORION KATY | USA 131873726 | | | | | | |
| ROHAVEN OUTSIDE KRISTAL | USA 134822596 | | | | | | |
| ROHAVEN PACKER KABON | USA 74625070 | | | | | | |
| ROHAVEN PACKER KATTYWAMPUS | USA 74625075 | | | | | | |

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|---|---|---|---|---|---|---|---|
| ROHAVEN PATRIOT HONESTY | USA 71135195 | | | | | | |
| ROHAVEN PLANET KALAMITYJANE | USA 72474001 | | | | | | |
| ROHAVEN PONDER BAYONET | USA 74625062 | | | | | | |
| ROHAVEN PUZZLE KASA | USA 72474042 | | | | | | |
| ROHAVEN PUZZLE KIMBALL | USA 72474031 | | | | | | |
| ROHAVEN RUBICON DEKA | 840003135286667 | | | | | | |
| ROHAVEN RUBICON HOULIHAN | USA 74625081 | | | | | | |
| ROHAVEN RUBICON KARIBBEAN | USA 74625079 | | C | | | | |
| ROHAVEN RUBICON KARMEN | USA 74625076 | | | | | | |
| ROHAVEN RUBICON VIROQUA | 840003135286671 | | | | | | |
| ROHAVEN SAJAC KATA | USA 72474017 | | | | | | |
| ROHAVEN SEQUOIA DAISYGIRL | USA 69541332 | | | | | | |
| ROHAVEN SHERAC VIBRATION | USA 71135188 | | C | | | | |
| ROHAVEN SPARKLER | 840003135286668 | | | | | | |
| ROHAVEN SUDAN KADGE | USA 72473993 | | | | | | |
| ROHAVEN SUPER BONITA | USA 69541322 | | | | | | |
| ROHAVEN SUPER IMAGE | USA 69541341 | | | | | | |
| ROHAVEN SUPER KABOT | USA 69541338 | | | | | | |
| ROHAVEN SUPER KROSS | USA 69541342 | | | | | | |
| ROHAVEN SYRACUSE KARI-TW | USA 74625061 | | | | | | |
| ROHAVEN TOYSTORY KATYANA | USA 63943247 | | | | | | |
| ROHAVEN TROY BONBON | USA 74625060 | | | | | | |
| ROHAVEN TROY KROISSANT | USA 74625066 | | | | | | |
| ROHAVEN YODER DELICATE | USA 74625089 | | | | | | |
| ROHAVEN YODER KALHOUN | 840003135286670 | | | | | | |
| ROHAVEN YODER KODIAK | USA 74625074 | | | | | | |
| ROHAVEN ZEUS KOCA KOLA | USA 73653205 | | C | | | | |
| ROHES ATLAS SHANNON | USA 140327568 | | | | | | |
| ROHES MISTY LOU ROY | USA 136625225 | | | | | | |
| ROHNERS 1967 | USA 63924680 | | | | | | |
| ROHNERS JINX 1735 | USA 64642271 | | | | | | |
| ROHRING-FALLS BILLION MAGIC | USA 69634839 | | | | | | |
| ROHRING-FALLS DUSK 428 | USA 72370101 | | C | | | | 3 |
| ROHRING-FALLS GEN SHOT 7122 | 840003123615011 | | C | | | | 3 |
| ROHRING-FALLS PLERMO DORITO | USA 72370104 | | | | | | |
| ROHRING-FALLS PRONTO JINGO | USA 72370113 | | | | | | |
| ROHRING-FALLS TIME JILL | USA 72370109 | | | | | | |
| ROKEY-BENFER ATWD LANIE-ET | 840003013001251 | | | | | | |
| ROKEY-BENFER ATWD LEANN-ET | 840003013001249 | | | | | C | |
| ROKEY-BENFER DECEIVER LOLA | 840003126460362 | | | | | | |
| ROKEY-BENFER DECEIVER RHEA | 840003134284980 | | | | | C | |
| ROKEY-BENFER ERHRDT LIBERTY | 840003013001274 | | | | | C | |
| ROKEY-BENFER JSPR CANDY-ET | USA 70417791 | | | | | | 3 |
| ROKEY-BENFER LAVERNE | 840003013001305 | | | | | C | |
| ROKEY-BENFER LAVMAN LAVA-ET | USA 141942845 | | | | | C | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROKEY-BENFER LEXOR LYDIA-ET | USA 142057438 | | | | | C | |
| ROKEY-BENFER MEGASIRE LIBBY | 840003134284983 | | | | | | |
| ROKEY-BENFER R CUTIE-RED-ET | USA 141777665 | | | | | | |
| ROKEY-BENFER REALITY-ET | 840003013001266 | | | | | | 1 |
| ROKEY-BENFER RHIANA-ET | 840003013001269 | | | | | C | |
| ROKEY-BENFER RUMMIKUB-ET | 840003013001265 | | | | | | |
| ROKEY-BENFER SID RANT-TW | USA 142265525 | | | | | | |
| ROKEY-BENFER SID RAVE-TW | USA 142265516 | | | | | | |
| ROKEYROAD ACME JOYRIDE | 840003013001253 | | | | | | |
| ROKEYROAD ACME RELIANT | 840003013001271 | | | | | | 3 |
| ROKEYROAD ACME REVIVE | 840003013001259 | | | | | | |
| ROKEYROAD AFTERSHOCK ARENA | 840003013001280 | | | | | | |
| ROKEYROAD AJACK TAMOLIE-RED | USA 142265477 | | | | | | |
| ROKEYROAD ALCHE ROXYRAE-RED | 840003013001239 | | | | | | 1 |
| ROKEYROAD ALEXANDR JANET-ET | USA 140261020 | | | | | | |
| ROKEYROAD AROSS BOUNTY | USA 141517629 | | | C | | | |
| ROKEYROAD AROSS JELLO | USA 141329161 | | | C | | | |
| ROKEYROAD ATWOOD ENTRUST-ET | USA 141110082 | | | | | | |
| ROKEYROAD BAXTER JENI-ET | USA 139544536 | | | | | | |
| ROKEYROAD BOOKEM JOYCE | 840003126460335 | | | | | | |
| ROKEYROAD BRADNICK ROSA | 840003126460339 | | | | | | |
| ROKEYROAD BRAXTON FANCY | 840003013001235 | | | | | | |
| ROKEYROAD BRAXTON SERENAD | 840003013001232 | | | | | | |
| ROKEYROAD BROKAW AMERICA | 840003013001273 | | | | | | |
| ROKEYROAD BROKAW DOTTIE | 840003013001261 | | | | | | |
| ROKEYROAD BUTZE REAL | 840003013001245 | | | | | | |
| ROKEYROAD CHARLIE JERISUE | USA 141684231 | | | | | | |
| ROKEYROAD CM JOYOUS-ET | USA 141986696 | | | | | | |
| ROKEYROAD COLTP ROMA-RED-ET | USA 142188626 | | | | | | |
| ROKEYROAD CORVETTE GO-GIRL | 840003126460337 | | | | | | |
| ROKEYROAD CRIMSON ENJOY | USA 141329170 | | | | | | |
| ROKEYROAD DASHAWN EXCEL | 840003126460321 | | C | | | | |
| ROKEYROAD DAY BLITZEN | 840003013001264 | | | C | | | |
| ROKEYROAD DECEIVER CATHY | 840003134284977 | | | | | | |
| ROKEYROAD DECEIVER JAMAICA | 840003126460367 | | | | | | |
| ROKEYROAD DECEIVER KREAMY | 840003126460357 | | | | | | |
| ROKEYROAD DECEIVER REVIVAL | 840003126460377 | | | | | | |
| ROKEYROAD DELTA EMBRACE | 840003013001287 | | | | | | |
| ROKEYROAD DELTA JERILOU | 840003013001285 | | | | | | |
| ROKEYROAD DELTA JEWEL | 840003013001283 | | | C | | | |
| ROKEYROAD DELTA RAIN | 840003126460369 | | | | | | |
| ROKEYROAD DESTRY EBONY-ET | USA 141904607 | | | | | | 1 |
| ROKEYROAD DETRMNE RAINDROP | 840003013001250 | | | | | | |
| ROKEYROAD DLTA RAINING P-ET | 840003126460379 | | | | | | 1 |
| ROKEYROAD DLTA RAINY-DAY-ET | 840003126460381 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROKEYROAD EARNHARD RAINY-ET | 840003013001234 | | | | | | 1 |
| ROKEYROAD EARNHARDT CRYSTAL | 840003013001275 | | | | | | |
| ROKEYROAD GABOR JAVEN | 840003126460289 | | | | | | |
| ROKEYROAD GERARD JILL-ET | USA 141318743 | | | | | | |
| ROKEYROAD GOLD PEPPERINE-ET | USA 140017573 | | | | | | 3 |
| ROKEYROAD GOLDCHIP JAMARIS | 840003126460334 | | | | | | |
| ROKEYROAD GOLDCHIP RAZOR | 840003126460286 | | | | | | |
| ROKEYROAD GOLDWYN ELATE-ET | USA 139934656 | | | | | | |
| ROKEYROAD GOLDWYN EXCEDE-ET | USA 139934692 | | | | | | |
| ROKEYROAD HALOGEN GLAMOUR | 840003126460318 | | | | | C | 1 |
| ROKEYROAD HALOGEN LOLLYPOP | 840003126460348 | C | | | | | 3 |
| ROKEYROAD HALOGEN MAGIC | 840003126460347 | | | | | | 1 |
| ROKEYROAD HALOGEN RISTA | 840003126460346 | | | | | | |
| ROKEYROAD HIOCTN CAMBRIE-ET | 840003133371080 | | | | | | |
| ROKEYROAD JACEY JESS | 840003126460290 | C | | | | | |
| ROKEYROAD JACEY ROSYRAE | 840003126460292 | | | | | | |
| ROKEYROAD JEEVES JANIE-ET | USA 139907498 | | | | | | |
| ROKEYROAD JEEVES JERIANN-ET | USA 140018145 | | | | | | |
| ROKEYROAD JEEVES JUCIE-ET | USA 140018172 | | | | | | |
| ROKEYROAD JEEVES JULIP-ET | USA 140018163 | | | | | | |
| ROKEYROAD KINGBOY DAYBREAK | 840003126460374 | | | | | | |
| ROKEYROAD KINGBOY DENALI | 840003126460345 | | | | | | |
| ROKEYROAD LADD CELTIC-RED | 840003126460329 | | | | | | 1 |
| ROKEYROAD LADD JIZZY | 840003134284982 | | | | | | 1 |
| ROKEYROAD LADDMAN RALLIE P | 840003126460330 | | | | | | |
| ROKEYROAD LATIMER CANDLE-ET | 840003013001272 | | | | | | 1 |
| ROKEYROAD LATIMER CRUISE-ET | 840003013001288 | | | | | | 1 |
| ROKEYROAD LBP SILVER-RED-ET | USA 140261123 | | | | | | |
| ROKEYROAD LD ELASTIC P-RED | 840003126460331 | | | | | | 3 |
| ROKEYROAD LONG BLAST-RED-ET | 840003013001292 | | | | | | 1 |
| ROKEYROAD LONG BLISSFUL-ET | 840003013001290 | | | | | | |
| ROKEYROAD LONG BLITZ-ET | 840003013001291 | | | | | | |
| ROKEYROAD LTMR COCONUT-ET | 840003126460297 | | | | | | 1 |
| ROKEYROAD MAGNUS EPIC | USA 142401068 | | | | | | |
| ROKEYROAD MAGNUS ROSIEO | USA 142100369 | | | | | | |
| ROKEYROAD MANOMAN EXOTIC-ET | USA 141338998 | | | | | | |
| ROKEYROAD MCCUTCHEN ELLIE | 840003134284973 | | | | | | 1 |
| ROKEYROAD MCCUTCHEN JAZZY | 840003013001278 | | | | | | |
| ROKEYROAD MCCUTCHEN JOYFUL | 840003013001324 | | | | | | |
| ROKEYROAD MCCUTCHEN KIMBER | 840003013001240 | C | | | | | |
| ROKEYROAD MCCUTCHEN PEPPER | 840003013001276 | | | | | | 3 |
| ROKEYROAD MCCUTCHEN RHYME | 840003013001257 | | | | | | |
| ROKEYROAD MEGASIRE RHYTHM | 840003134284972 | | | | | | |
| ROKEYROAD MERIDIAN JAMIE | 840003013001246 | | | | | | |
| ROKEYROAD MITCH BEAUTY | USA 142068717 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROKEYROAD MITEY RAINBOW-ET | USA 141452203 | | | | | | 1 |
| ROKEYROAD MITEY SATURN | USA 141684334 | | | | | | 1 |
| ROKEYROAD MNET RAINCLOUD-ET | 840003126460375 | | | | | | 1 |
| ROKEYROAD MNEVNT RIPPLES-ET | 840003126460373 | | | | | | |
| ROKEYROAD MNEVNT RUSSIA-ET | 840003126460365 | | | | | | |
| ROKEYROAD MNEVT RAINFALL-ET | 840003126460366 | | | | | | 1 |
| ROKEYROAD MNVT RAINSTORM-ET | 840003126460368 | | | | | | 1 |
| ROKEYROAD MOMAN EMERALD-ET | USA 141339001 | | | | | | |
| ROKEYROAD MOMAN ESCENCE-ET | USA 141338989 | | | | | | |
| ROKEYROAD NIAGRA BLISS | USA 140879467 | | | | | | |
| ROKEYROAD NIAGRA JANIYA-ET | USA 140923933 | | | | | | |
| ROKEYROAD NIAGRA JATARA | USA 141110019 | | | | | | |
| ROKEYROAD PALERMO JESSICA | USA 141329291 | C | | | | | |
| ROKEYROAD PROXY BEV | USA 142003345 | | | | | | 1 |
| ROKEYROAD REDLINR EM-RED-ET | USA 139151655 | | | | | | 1 |
| ROKEYROAD REDMAN CARLY-ET | 840003013001226 | | | | | | |
| ROKEYROAD REMARKABLE-RED-ET | USA 141904595 | | | | | | |
| ROKEYROAD RKSTR CHERISH-RED | 840003013001255 | | | | | | |
| ROKEYROAD RKSTR SIESTA-RED | 840003013001304 | | | | | | |
| ROKEYROAD ROKSTAR REMEDY-P | 840003134284975 | | | | | | |
| ROKEYROAD RUBICON RUBY-ET | 840003133371082 | | | | | | |
| ROKEYROAD SALVINO JAVA | 840003126460295 | | | | | | |
| ROKEYROAD SHANOSBER DART-ET | 840003013001316 | | | | | | |
| ROKEYROAD SHNSBR DEWDROP-ET | 840003013001263 | | | | | | |
| ROKEYROAD SHNSBR DOLLAR-ET | 840003013001262 | | | | | | |
| ROKEYROAD SID AFRICA | 840003134284986 | | | | | | |
| ROKEYROAD SID RESA-ET | 840003013001247 | | | | | | |
| ROKEYROAD SOCRATE JACKIE-ET | USA 139934339 | | | | | | |
| ROKEYROAD SOCRATES CYMBA | 840003134284976 | | | | | | |
| ROKEYROAD SOCRATES DOLL | 840003126460372 | | | | | | |
| ROKEYROAD SOCRATES JAMIE-ET | USA 139907564 | | | | | | |
| ROKEYROAD SOCRATES JERI-ET | USA 140018136 | | | | | | |
| ROKEYROAD SPUR SKETCH-RED | 840003013001277 | | | | | | |
| ROKEYROAD SS REDEEM-ET | 840003013001254 | | | | | | 1 |
| ROKEYROAD SUDAN BLESSED-ET | USA 141904568 | | | | | | |
| ROKEYROAD SYDNEY SATIN-ET | USA 140700246 | | | | | | |
| ROKEYROAD TIME LEONA | USA 141735245 | | | | | | |
| ROKEYROAD TOPSIDE EXCEDE-ET | 840003013001229 | | | | | | |
| ROKEYROAD-TS MASSEY JACIE | USA 142305214 | | | | | | |
| ROL-LYN RAMOS PAULINE | USA 63646604 | | | | | | |
| ROLINDA-GKM MILLION ACE-ET | USA 65945087 | | | | | | |
| ROLINDA-GKM PALER ALETA-ET | USA 70502371 | | | | | | |
| ROLINDA-GKM PALER ALLOY-ET | USA 70502380 | | | | | | |
| ROLINDA-GKM PALERMO ATTY-ET | USA 70502373 | C | | | | | |
| ROLINDA-GKM RAVISH ANT-ET | USA 70502353 | | | | | | 1 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLINDA-GKM RVSH ARCADE-ET | USA 70502355 | | | | | | |
| ROLINDACRES ARMITAGE CAT-ET | USA 71085928 | | | | | | |
| ROLINDACRES ARMITGE CITY-ET | USA 71085927 | | | | | | |
| ROLINDACRES ARMITGE JANE-ET | USA 71085934 | | | | | | |
| ROLINDACRES ARMTGE CAROL-ET | USA 71085923 | | | | | | |
| ROLINDACRES ARMTGE CLAIR-ET | USA 71085925 | | | | | | |
| ROLINDACRES BOOKEM AMY-ET | USA 71085930 | | | | | | |
| ROLINDACRES BOOKEM AVA-ET | USA 71085929 | | | | | | |
| ROLINDACRES BOOKM AFRAID-ET | USA 71085931 | | | | | | |
| ROLINDACRES CASHMERE-ET | USA 72891420 | | | | | | |
| ROLINDACRES COMMANDER 239 | USA 72891476 | | | | | | |
| ROLINDACRES CRANK IT 264-ET | 840003132413759 | | | C | | | |
| ROLINDACRES CRANK IT 265-ET | 840003132413760 | | | | | | |
| ROLINDACRES CRANK IT 266-ET | 840003132413761 | | | | | | |
| ROLINDACRES CREAM CANDY-ET | USA 71085924 | | | | | | |
| ROLINDACRES DADDY 164-ET | USA 71085958 | | | | | | 3 |
| ROLINDACRES DADDY 166-ET | USA 71085960 | | | | | | 3 |
| ROLINDACRES DADDY 167-ET | USA 71085961 | | | | | | |
| ROLINDACRES DAMARIS 252 | 840003132413747 | | | | | | |
| ROLINDACRES DEFENDER 231 | USA 72891468 | | | | | | |
| ROLINDACRES DELTA 240-ET | USA 72891477 | | | | | | |
| ROLINDACRES DELTA 241-ET | 840003132413736 | | | | | | |
| ROLINDACRES DELTA 242-ET | 840003132413737 | | | | | | |
| ROLINDACRES DELTA 243-ET | 840003132413738 | | | | | | |
| ROLINDACRES DELTA 245 | 840003132413740 | | | | | | |
| ROLINDACRES DELTA 248 | 840003132413743 | | | | | | |
| ROLINDACRES EPIC 173-ET | USA 71085967 | | | | | | |
| ROLINDACRES EPIC ALETA-ET | USA 71085941 | | | | | | |
| ROLINDACRES EPIC ALOT-ET | USA 71085942 | | | | | | |
| ROLINDACRES EPIC AMEN-ET | USA 71085946 | | | | | | |
| ROLINDACRES EPIC CICI-ET | USA 71085937 | | | | | | |
| ROLINDACRES EPIC CIERA-ET | USA 71085939 | | | | | | |
| ROLINDACRES EPIC JOPLIN | USA 71085936 | | | | | | |
| ROLINDACRES FLAME COIN-ET | USA 72891459 | | | | | | |
| ROLINDACRES GREATEST GRETA | USA 71085945 | | | | | | |
| ROLINDACRES HALOGEN COLOR | USA 72891463 | | | | | | |
| ROLINDACRES HALOGEN COOKIE | USA 72891471 | | | | | | |
| ROLINDACRES HALOGEN MISSY | USA 72891466 | | C | | | | |
| ROLINDACRES JACEY CHLOE-ET | USA 72891437 | | | | | | |
| ROLINDACRES JACKMAN 191-ET | USA 72891428 | | | C | | | 1 |
| ROLINDACRES JACKMAN 193-ET | USA 72891430 | | | C | | | 1 |
| ROLINDACRES JBR CORVETTE-ET | USA 72891456 | | | | | | |
| ROLINDACRES JEROD CLAP | USA 72891451 | | | | | | |
| ROLINDACRES JOHNSN COUCH-ET | USA 72891443 | | | C | | | |
| ROLINDACRES JOHNSN CUTIE-ET | USA 72891444 | | | | | | |

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|---|---|---|---|---|---|---|---|
| ROLINDACRES JOHNSON COZY-ET | USA 72891442 | | | C | | | |
| ROLINDACRES LATIMER 182-ET | USA 72891419 | | C | | | | 1 |
| ROLINDACRES LATIMER CAMO-ET | USA 72891423 | | | | | | |
| ROLINDACRES MACK CINDY-ET | USA 72891455 | | | | | | |
| ROLINDACRES MILLION ALEVE | USA 71085933 | | C | | | | |
| ROLINDACRES MILLION ALEX-ET | USA 65945081 | | C | | | | |
| ROLINDACRES MILLION ANIE-ET | USA 65945083 | | | | | | |
| ROLINDACRES MILLION ARIN-ET | USA 65945082 | | | | | | |
| ROLINDACRES MISSOURI 244 | 840003132413739 | | | | | | |
| ROLINDACRES MOGUL COTTON | USA 72891450 | | | | | | |
| ROLINDACRES MONTROSS 258 | 840003132413753 | | | | | | 1 |
| ROLINDACRES MONTROSS 263 | 840003132413758 | | | | | | |
| ROLINDACRES NUMERO UNO 168 | USA 71085962 | | | | | | |
| ROLINDACRES RAMOS PENNY-ET | USA 63335796 | | | | | | |
| ROLINDACRES REFLECTOR 237 | USA 72891474 | | | | | | |
| ROLINDACRES ROBUST AZREAL | USA 71085938 | | | | | | |
| ROLINDACRES RUBICON 259 | 840003132413754 | | | | | | |
| ROLINDACRES SHAMROCK ARTIST | USA 71085940 | | | | | | 1 |
| ROLINDACRES SNOW JULY | USA 72891422 | | | | | | |
| ROLINDACRES SUPER AVA-ET | USA 70502383 | | | | | | |
| ROLINDACRES SUPSIRE 169-ET | USA 71085963 | | | | | | 1 |
| ROLINDACRES SUPSIRE 170-ET | USA 71085964 | | | | | | |
| ROLINDACRES SUPSIRE 171-ET | USA 71085965 | | | | | | 1 |
| ROLINDACRES SUPSIRE 172-ET | USA 71085966 | | | | | | 1 |
| ROLL N VIEW HANNA BANANA-ET | 840003124680375 | | | | | | |
| ROLL N VIEW KING HAVANNA-ET | 840003124680379 | | | | | | |
| ROLL N VIEW RB JOY-RED-ET | 840003124680261 | | C | | | | 2 |
| ROLL-N-VIEW A CHARLOTTE-RED | 840003124680204 | | | | | | |
| ROLL-N-VIEW ADELIA-RED-ET | 840003130799888 | | | | | | |
| ROLL-N-VIEW ADELINE-RED-ET | 840003124680202 | | | | | | |
| ROLL-N-VIEW AFRYAH-RED-ET | 840003130799887 | | | | | | |
| ROLL-N-VIEW APPLESAUCE-RED | 840003124680217 | | | | | | |
| ROLL-N-VIEW ARISTU | 840003124680352 | | | | | | |
| ROLL-N-VIEW ATWD BRISSA-ET | USA 71269193 | | C | | | | |
| ROLL-N-VIEW BEAU AVALANCHE | 840003124680302 | | | C | | | |
| ROLL-N-VIEW BELGA DEEP BLUE | 840003124680281 | | | | | | |
| ROLL-N-VIEW BOLTON ALMA | USA 71269127 | | | | | | |
| ROLL-N-VIEW BOW ANISTYN-ET | USA 69994397 | | | | | | |
| ROLL-N-VIEW BOWSER ANGIE-ET | USA 69994392 | | | | | | |
| ROLL-N-VIEW BW AREANNA | 840003130799847 | | | | | | |
| ROLL-N-VIEW BW CAMEO-RED-ET | USA 72776414 | | | | | C | |
| ROLL-N-VIEW BYWAY AMITY | 840003130799812 | | | | | | |
| ROLL-N-VIEW CADABRA-RED-ET | 840003124680201 | | | | | | |
| ROLL-N-VIEW CAMELOT CLASSY | 840003124680298 | | | | | | |
| ROLL-N-VIEW CAMELT BROADWAY | 840003124680299 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLL-N-VIEW CAMERON ANISHA | USA 72776372 | | | | | | |
| ROLL-N-VIEW CAMERON DOMINIQ | USA 72776403 | | | | | | |
| ROLL-N-VIEW COLT RUBY-RED | USA 69994396 | | | | | | |
| ROLL-N-VIEW COR FLASHEY | 840003130799855 | | | | | | |
| ROLL-N-VIEW DELTA FAEGAN | 840003130799848 | | | | | | 1 |
| ROLL-N-VIEW DELTA HOPE-TW | 840003130799830 | | | | | | |
| ROLL-N-VIEW DOGMA DIANE-ET | 840003124680260 | | | | | | |
| ROLL-N-VIEW DOMAIN YOKO | USA 72776340 | | | | | | |
| ROLL-N-VIEW DOOR FARQUER | 840003124680341 | | | | | | |
| ROLL-N-VIEW DOORMAN BRIE | 840003124680300 | | | | | | 3 |
| ROLL-N-VIEW DOORMAN YUP | USA 72776399 | | | | | | |
| ROLL-N-VIEW DR ADDICTION-ET | 840003124680314 | | | | | | |
| ROLL-N-VIEW DU JOKER-RED-ET | 840003124680205 | | | | | | |
| ROLL-N-VIEW DUC ABRI-RED-ET | USA 72776429 | | | | | | |
| ROLL-N-VIEW DUCATI ALVA-RED | 840003124680240 | | | | | | |
| ROLL-N-VIEW EPIC DOROTHY-ET | USA 71269188 | | | | | | |
| ROLL-N-VIEW EPIC DOTTY-ET | USA 71269189 | | | | | | |
| ROLL-N-VIEW EXTREME BELLE | USA 72193392 | | | | | | |
| ROLL-N-VIEW EXTREME RAYS | USA 72776406 | | | | | | |
| ROLL-N-VIEW EXTRM BRIONA-ET | USA 72776356 | | C | | | | |
| ROLL-N-VIEW EXTRME BRIAR-ET | USA 72776354 | | C | | | | |
| ROLL-N-VIEW EXTRME BRITA-ET | USA 72776350 | | C | | | | |
| ROLL-N-VIEW FACEBOOK ETHEL | USA 71269176 | | | | | | |
| ROLL-N-VIEW FACEBOOK GLEAM | USA 72193389 | | | | | | |
| ROLL-N-VIEW FB DUROW | 840003130799821 | | | | | | |
| ROLL-N-VIEW FRANK 620 | USA 72193328 | | | | | | |
| ROLL-N-VIEW GC HINDER | 840003130799837 | | | | | | |
| ROLL-N-VIEW GLD BRIDGET-ET | USA 71269148 | | | | | | 3 |
| ROLL-N-VIEW GLDPP RAYNA-ET | USA 72776387 | | | | | | 3 |
| ROLL-N-VIEW GLDPP REINY-ET | USA 72776389 | | | | | | |
| ROLL-N-VIEW GLDPP RYO-ET | USA 72776393 | | | | | | |
| ROLL-N-VIEW GLDSN PEONY-ET | USA 71269171 | | | | | | |
| ROLL-N-VIEW GOLD BRINK-ET | USA 71269137 | | | | | | 3 |
| ROLL-N-VIEW GOLD BRITE-ET | USA 71269135 | | C | | | | 3 |
| ROLL-N-VIEW GOLD BROGAN-ET | USA 71269147 | | C | | | | 3 |
| ROLL-N-VIEW GOLDWYN KORA-ET | USA 139887356 | | | | | | 1 |
| ROLL-N-VIEW GOLDWYN KYRA-ET | USA 139887347 | | | | | C | |
| ROLL-N-VIEW GRAFEETI RHIANE | USA 72193347 | | | | | | 1 |
| ROLL-N-VIEW GRAFETI KRYSTAL | USA 72776405 | | | | | | |
| ROLL-N-VIEW HAYNOW | 840003124680367 | | | | | | |
| ROLL-N-VIEW JACEY BERLYNN | 840003124680285 | | | | | C | |
| ROLL-N-VIEW JACEY JOCI | 840003124680211 | | | | | | |
| ROLL-N-VIEW JACEY NADIRA | 840003124680242 | | | | | | |
| ROLL-N-VIEW JACEY RANDA | 840003124680250 | | | | | | |
| ROLL-N-VIEW KING COBRA-ET | 840003124680315 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLL-N-VIEW KING CROWN-ET | 840003124680313 | | | | | | |
| ROLL-N-VIEW LARSON ANDIE-ET | USA 71269131 | | C | | | | 3 |
| ROLL-N-VIEW LARSON ANNIE-ET | USA 71269128 | | C | | | | |
| ROLL-N-VIEW LAUTHORTY RAYNE | USA 71269151 | | | | | | 1 |
| ROLL-N-VIEW LAWMAN CRIMINAL | 840003124680293 | | | | | | |
| ROLL-N-VIEW LAWMAN ROBBERY | 840003124680291 | | | | | | |
| ROLL-N-VIEW LEXOR ALEXX-ET | USA 72193394 | | | | | | |
| ROLL-N-VIEW LEXR ABIGAIL-ET | USA 72776358 | | | C | | | |
| ROLL-N-VIEW LITHUM ADELE-ET | USA 72193369 | | | | | | |
| ROLL-N-VIEW MAIN ALITA-ET | 840003124680272 | | | | | | |
| ROLL-N-VIEW MAYFIELD LOVY | USA 72776360 | | | C | | | |
| ROLL-N-VIEW MC ALISE-ET | USA 72193377 | | | C | | | |
| ROLL-N-VIEW MCC ATINA | 840003130799901 | | | | | | |
| ROLL-N-VIEW MCC CHENELLE | 840003130799778 | | | | | | |
| ROLL-N-VIEW MCC SYRIONNA | 840003130799827 | | | | | | |
| ROLL-N-VIEW MCCHTN ARLEE | USA 72776390 | | | | | | |
| ROLL-N-VIEW MICHL YELENA-ET | USA 140238969 | | | | | | |
| ROLL-N-VIEW MILL YASMIN-ET | USA 140057197 | | C | | | | |
| ROLL-N-VIEW MILLION YANI-ET | USA 140057188 | | | | | | |
| ROLL-N-VIEW MLLION YETTA-ET | USA 140057179 | | | | | | |
| ROLL-N-VIEW MOGUL LISA | 840003124680229 | | | | | | |
| ROLL-N-VIEW MOGUL PIPPI | USA 72776428 | | | | | | 1 |
| ROLL-N-VIEW MYFIELD PAISLEY | USA 72193327 | | | C | | | |
| ROLL-N-VIEW O-STY YELL-O-ET | USA 71269142 | | | | | | |
| ROLL-N-VIEW O-STYLE BROOKE | USA 72193346 | | | | | C | |
| ROLL-N-VIEW O-STYLE FANCY | USA 71269169 | | | | | | 1 |
| ROLL-N-VIEW O-STYLE FAUCETT | USA 71269143 | | | C | | | |
| ROLL-N-VIEW OLYM BRONZE | 840003124680339 | | | | | C | |
| ROLL-N-VIEW OLYPIN ADIRA-ET | 840003124680269 | | | | | | |
| ROLL-N-VIEW OLYPN ABBA-ET | 840003124680270 | | | | | | |
| ROLL-N-VIEW OSMOND KELLY-ET | USA 71269120 | | | | | C | |
| ROLL-N-VIEW OSTYL PRESENT | USA 72193348 | | | | | | |
| ROLL-N-VIEW OSTYLE FAWN-ET | USA 69994393 | | | | | | |
| ROLL-N-VIEW OSTYLE FROST-ET | USA 69994395 | | | | | | |
| ROLL-N-VIEW OSTYLE JUNEBUG | USA 72193382 | | | C | | | |
| ROLL-N-VIEW OSTYLE KRISTY | USA 72776330 | | | C | | C | |
| ROLL-N-VIEW OYLMPIC RING | 840003124680311 | | | | | | 1 |
| ROLL-N-VIEW PARADISE FRIGID | 840003124680283 | | | | | | |
| ROLL-N-VIEW PARADISE MAUI | 840003124680279 | | | | | | |
| ROLL-N-VIEW RAELENTLESS | 840003130799802 | | | | | | |
| ROLL-N-VIEW ROXANNE-RED-ET | USA 71269195 | | | | | | |
| ROLL-N-VIEW RUB AMORA-ET | 840003130799846 | | | | | | |
| ROLL-N-VIEW RUBICON DANALEE | 840003130799869 | | C | | | | |
| ROLL-N-VIEW RUBICON REBA | 840003130799893 | | | | | | 1 |
| ROLL-N-VIEW SAVANNA | 840003124680210 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLL-N-VIEW SEAVER DELIVER | USA 72193384 | | | | | | |
| ROLL-N-VIEW SID NANI | USA 72776404 | | | | | | |
| ROLL-N-VIEW SMNT FRANCES-ET | USA 140306910 | C | C | | | C | |
| ROLL-N-VIEW SMNT FRAPPE-ET | USA 140306929 | C | | | | C | |
| ROLL-N-VIEW SMNT FRAYNE-ET | USA 140306901 | C | C | | | C | |
| ROLL-N-VIEW SS ANJELIQUE-TW | USA 72193386 | | | | | | |
| ROLL-N-VIEW SS HARMONY-ET | USA 71269177 | | | | | | |
| ROLL-N-VIEW SS HEAVEN-ET | USA 71269175 | | | | | | |
| ROLL-N-VIEW SS HILLARY-ET | USA 71269179 | | | | | | |
| ROLL-N-VIEW SUPER ANGELINA | USA 140823792 | | | | | | |
| ROLL-N-VIEW SUPSON FABEL-ET | USA 72193395 | | | | | | |
| ROLL-N-VIEW T MORE TOYS-RED | 840003124680274 | | | | | | |
| ROLL-N-VIEW WIND CHIME-ET | 840003130799832 | | | | | | |
| ROLL-N-VIEW WIND JAMMER | 840003124680384 | | | | | | |
| ROLL-N-VIEW WIND RAVEN-ET | 840003130799788 | | | | | | 4 |
| ROLL-N-VIEW WNBK BREEZE-ET | USA 72193368 | | | | | | 3 |
| ROLL-N-VIEW XTREME BRINA-ET | USA 72776347 | | C | | | | |
| ROLL-N-VIEW XTRM BERETTA-ET | USA 72776349 | | C | | | | |
| ROLL-N-VIEW XTRM BRIELLE-ET | USA 72776348 | | | | | | |
| ROLL-N-VIEW YALANDA | 840003124680209 | | | | | | |
| ROLL-N-VIEW ZUMBA DANICA-ET | 840003130799826 | | C | | | | |
| ROLLEN-NS ABS XGO YUNGO-RED | USA 172326539 | | | | | | |
| ROLLEN-NS BALTI RYE-RED-ET | USA 71446323 | | | | | | 1 |
| ROLLEN-NS C GAIN ROPE P-ET | USA 74359495 | | | | | | |
| ROLLEN-NS CLSUR WURELLY-RED | USA 170079262 | | | | | | |
| ROLLEN-NS CLT RETURN-RED-ET | USA 71446322 | | | | | | |
| ROLLEN-NS COLT RYO P-RED-ET | USA 71446328 | | | | | | |
| ROLLEN-NS CT RECOVER-RED-ET | USA 71446321 | | | | | | |
| ROLLEN-NS DAZ XEE AEE P-RED | USA 172327156 | | | | | | |
| ROLLEN-NS DCKWON ZONDRA-RED | USA 172326397 | | | | | | |
| ROLLEN-NS DOLO RAINY P-RED | USA 71446329 | | | | | | |
| ROLLEN-NS EFF CADELA PP-RED | USA 172354332 | | | | | | |
| ROLLEN-NS GOLDEN REAP P-RED | USA 71446334 | | | | | | |
| ROLLEN-NS HY UQU CELL P-RED | USA 172354239 | | | | | | |
| ROLLEN-NS K RIDE P-RED-ET | USA 71446337 | | | | | | |
| ROLLEN-NS KANU ROW P-RED | USA 71446339 | | | | | | |
| ROLLEN-NS LOGO REBA-X PP-RC | USA 71127712 | | | | | | |
| ROLLEN-NS LOU CEE PP-RED | USA 172354369 | | | | | | |
| ROLLEN-NS LYP X ANNIE P-RED | USA 172327174 | | | | | | |
| ROLLEN-NS OUT DONE REACH P | USA 71446335 | | | | | | |
| ROLLEN-NS OUTLINE RAFI P-ET | USA 71446341 | | | | | | |
| ROLLEN-NS PB-P DEVON-ET | 840003131146705 | | | | | | |
| ROLLEN-NS POWER RAVEN P-ET | USA 74359507 | | | | | | |
| ROLLEN-NS POWER ROBIN PP-ET | USA 74359506 | | | | | | |
| ROLLEN-NS POWERBAL REN P-ET | USA 74359508 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLLEN-NS PRINCE COLA P-RED | USA 172354202 | | | | | | |
| ROLLEN-NS PROXY RIVER P-RED | USA 71446327 | | | | | | 1 |
| ROLLEN-NS RE READY P-RED-ET | USA 71446332 | | | | | | |
| ROLLEN-NS RELIEF RYME P-ET | USA 71446333 | | | | | | |
| ROLLEN-NS RLF RULER-RED-ET | USA 71446331 | | | | | | |
| ROLLEN-NS S SHOT RINA P-ET | USA 74359505 | | | | | | |
| ROLLEN-NS S SHOT RITA P-ET | USA 74359504 | | | | | | |
| ROLLEN-NS S SHOT ROSA P-ET | USA 74359503 | | | | | | |
| ROLLEN-NS SWORD VEIGHT P | USA 170096124 | | | | | | |
| ROLLEN-NS VALENT CEER P-RED | USA 172354257 | | | | | | |
| ROLLERS LADD P-ADDISON-RED | USA 72647900 | | | | | | 1 |
| ROLLERS SHOTTLE MABLE-ET | USA 69777497 | | | | | C | |
| ROLLIN-HUELS BKEM CHER P-ET | USA 71268882 | | | | | | |
| ROLLIN-HUELS CAMELIA P-ET | USA 69632381 | | | | | | 1 |
| ROLLIN-HUELS CARI P-RED-ET | USA 73209469 | | | | | | |
| ROLLIN-HUELS CARI-RED-ET | USA 69632363 | C | | | | | 3 |
| ROLLIN-HUELS CARMEL P-ET | USA 71268907 | | | | | | |
| ROLLIN-HUELS CARMELA P-ET | USA 71268908 | | | | | | |
| ROLLIN-HUELS CARRIE P-RED | USA 71268904 | | | | | | |
| ROLLIN-HUELS CASTAWAY JACKY | USA 71268915 | | | | | | |
| ROLLIN-HUELS CELINE-RED-ET | USA 69632364 | C | | | | | |
| ROLLIN-HUELS CERINA P-ET | USA 73209460 | | | | | | |
| ROLLIN-HUELS CHAMPANE P-ET | USA 71268926 | | | | | | 1 |
| ROLLIN-HUELS CHARLENE-ET | USA 71268896 | | | | | | |
| ROLLIN-HUELS CHARM P-RED | USA 73209500 | | | | | | 1 |
| ROLLIN-HUELS CHENILLE P-ET | USA 71268898 | | | | | | |
| ROLLIN-HUELS CHIFFON P-ET | USA 69632346 | | | | | | |
| ROLLIN-HUELS CLASY P-RED-ET | USA 73209465 | | | | | | |
| ROLLIN-HUELS CLOVE P-ET | USA 71268875 | | | | | | |
| ROLLIN-HUELS CLOVER P-ET | USA 71268874 | | | | | | |
| ROLLIN-HUELS COLT CASI P-ET | USA 69632386 | | | | | | |
| ROLLIN-HUELS CRYSTAL P-ET | USA 71268918 | | | | | | |
| ROLLIN-HUELS JB FIFI PP-RED | USA 71268892 | | | | | | |
| ROLLIN-HUELS LARSON CAKE-ET | USA 71268859 | | C | | | | 3 |
| ROLLIN-HUELS MAGNAMIST-P-ET | USA 69632387 | | | | | | |
| ROLLIN-HUELS MISTY P-RED-ET | USA 69632385 | | | | | | |
| ROLLIN-HUELS MOGUL FANCY P | USA 71268951 | | | | | | |
| ROLLIN-HUELS RELIEF CHELS P | USA 73209519 | | | | | | 1 |
| ROLLIN-HUELS SID CORRIE P | USA 73209489 | | | | | | |
| ROLLIN-HUELS SM CHARLETT-ET | USA 71268897 | | | | | | |
| ROLLIN-HUELS SNOW CALLY-ET | USA 71268900 | | | | | | |
| ROLLIN-HUELS SNOW CAMMY-ET | USA 71268899 | C | | C | | | 1 |
| ROLLIN-HUELS SNOW CASSY-ET | USA 71268901 | C | | | | | 1 |
| ROLLING-LAWNS ALLEN BELL-ET | USA 137867758 | | | | | | |
| ROLLING-LAWNS AS BRITCHES | USA 72735560 | C | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLLING-LAWNS ATWOOD PANSY | USA 70546712 | | | | | | 3 |
| ROLLING-LAWNS BLANCHE-ET | USA 137867806 | | | | | C | |
| ROLLING-LAWNS CRIMSON SAGE | USA 70546696 | C | | | | | |
| ROLLING-LAWNS DURHAM BILLYE | USA 72735556 | | | | | | |
| ROLLING-LAWNS GOLDWYN BINGO | USA 65289564 | | | | | | |
| ROLLING-LAWNS GSUN PRIDE-ET | USA 143223920 | | | | | | |
| ROLLING-LAWNS GWYN BUFFY-ET | USA 142782437 | | | | | | |
| ROLLING-LAWNS NATALIE-ET | USA 142723575 | | | | | | |
| ROLLING-LAWNS NICE-ET | USA 142915747 | | | | | | |
| ROLLING-LAWNS OUT INTREST | USA 64182171 | | | | | | |
| ROLLING-M BRAXTON DONNA | USA 71275912 | | | | | | |
| ROLLING-M BRAXTON PENNY | USA 71275914 | | | | | | |
| ROLLING-M C45 MARLEE-RED-ET | USA 73792447 | | | | | | |
| ROLLING-M CASHCOIN KANDY | USA 73792461 | | | | | | 1 |
| ROLLING-M CASHCOIN KIST | USA 73792462 | | | | | | 1 |
| ROLLING-M CHARLIE KAT-ET | USA 73792436 | | | | | | |
| ROLLING-M CHARLIE KIT-ET | USA 73792437 | | | | | | |
| ROLLING-M DADDY KYLIE-ET | USA 73315839 | | | | | | |
| ROLLING-M FREDDIE GWEN-ET | USA 73792438 | | | | | | |
| ROLLING-M GABOR DUTCHESS | USA 143011567 | | | | | | |
| ROLLING-M GOLD CHIP ROSA-ET | USA 71798313 | | C | | | | |
| ROLLING-M GOLD CHIP ROSI-ET | USA 71798310 | | | | | | |
| ROLLING-M HEADLIN WINDY-ET | USA 73315856 | | | | | | |
| ROLLING-M HERO IRIS-ET | USA 72643944 | | | | | | |
| ROLLING-M HERO POLLY-ET | USA 73315849 | | | | | | |
| ROLLING-M HLINER WHISPER-ET | USA 73315854 | | | | | | |
| ROLLING-M HOLLENDALE DEF | USA 143119238 | | | C | | | |
| ROLLING-M IOTA KADIA-ET | USA 71275923 | | | | | | |
| ROLLING-M IOTA KADIE-ET | USA 71798289 | | | | | | |
| ROLLING-M IOTA KAYLA-ET | USA 72643939 | | | | | | |
| ROLLING-M IOTA KAYLENE-ET | USA 71275930 | | | | | | |
| ROLLING-M IOTA KRISTY | USA 71798304 | | | | | | |
| ROLLING-M IOTA REENA | USA 72643945 | | | | | | |
| ROLLING-M LITHI KAYLEIGH-ET | USA 73315837 | | | | | | |
| ROLLING-M LITHIUM KAYLA-ET | USA 73315838 | | | | | | |
| ROLLING-M MASSEY FAITH-ET | USA 73315861 | | | | | | |
| ROLLING-M MASSEY FREIDA-ET | USA 73315863 | | | | | | |
| ROLLING-M MASSEY KIMMY-ET | USA 73315855 | | | | | | |
| ROLLING-M MOGUL GAYLE-ET | USA 73315862 | | | | | | |
| ROLLING-M O-STYLE KRISTY-ET | USA 71798286 | | | | | | |
| ROLLING-M OAK KALENA-ET | USA 142960792 | | | | | | |
| ROLLING-M OAK KATINKA-ET | USA 142960260 | | | | | | |
| ROLLING-M OAK KEEPER | USA 73792460 | | | | | | |
| ROLLING-M OAK KRYSTAL-ET | USA 73792440 | | | | | | |
| ROLLING-M OAK WINNIE | USA 73792459 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROLLING-M OAK WINTER-ET | USA 73792434 | | | | | | |
| ROLLING-M PLANET INKY-ET | USA 71798322 | | | | | | |
| ROLLING-M SANCHEZ LEANNA | USA 71275904 | | | | | | |
| ROLLING-M SHAM JAMAIKA-ET | USA 71275926 | | | | | | |
| ROLLING-M SHAMR JEMAICA-ET | USA 71275925 | | | | | | 1 |
| ROLLING-M STYLE KRISTEN-ET | USA 71798285 | | | | | | |
| ROLLING-M SUPER INDRAY | USA 71275903 | | | | | | |
| ROLLING-M SUPER KELSEY-ET | USA 73315848 | | | | | | |
| ROLLING-M SUPER KRISANNE-ET | USA 73315853 | | | | | | |
| ROLLING-M SUPER WENDY-ET | USA 73315843 | | | | | | |
| ROLLING-M SUPER WHITNEY-ET | USA 73315858 | | | | | | |
| ROLLING-M SUPER WILLOW-ET | USA 73315844 | | | | | | |
| ROLLING-M SUPERSIRE 2 | USA 74678712 | | C | | | | |
| ROLLING-M SUPERSIRE WINE-ET | USA 73315857 | | | | | | |
| ROLLING-M TOYOTA RENDIE-ET | USA 71798309 | | C | | | | |
| ROLLING-M TOYOTA RENEE-ET | USA 71798307 | | C | | | | |
| ROLLING-M TOYOTA RESSI-ET | USA 71798308 | C | C | | | | |
| ROLLING-M UNO WILLA-ET | USA 71546475 | | | | | | |
| ROLLING-RDG R-ROJO-RED-ET | USA 65845382 | | | | | | |
| ROLLING-SPRING A EARTHLY-ET | USA 142631414 | | | | | | |
| ROLLING-SPRING ASHK EIRA-ET | USA 70718365 | | | | | C | 1 |
| ROLLING-SPRING ASHK ELSA-ET | USA 70718367 | | | | | C | |
| ROLLING-SPRING ASHK ELVI-ET | USA 70718366 | | | | | | 1 |
| ROLLING-SPRING B EMBASSY-ET | USA 64269593 | | | | | C | |
| ROLLING-SPRING BR EGYUD-ET | USA 71280610 | | | | | | |
| ROLLING-SPRING BR ESTINA-ET | USA 71280611 | | | | | | 1 |
| ROLLING-SPRING DAMI EASE-ET | USA 142512832 | | | | | | |
| ROLLING-SPRING ECCENTRIC-ET | USA 64269587 | | | | | | 1 |
| ROLLING-SPRING EMBRACE-ET | USA 61825836 | | | | | C | |
| ROLLING-SPRING EMINENCE-ET | USA 64269595 | | | | | C | 1 |
| ROLLING-SPRING ENITY-ET | USA 143389721 | | | | | | 1 |
| ROLLING-SPRING ESPIRIT-ET | USA 139608876 | | | | | | 1 |
| ROLLING-SPRING G ECIAT-ET | USA 64269576 | | | | | | 1 |
| ROLLING-SPRING G ENDURE-ET | USA 64269586 | | | | | | |
| ROLLING-SPRING G ENHANCE-ET | USA 139727391 | | | | | | |
| ROLLING-SPRING G ESCENCE-ET | USA 62660946 | | | | | | 1 |
| ROLLING-SPRING J ESSENTIAL | USA 141665779 | | | | | | |
| ROLLING-SPRING SA RUBY-ET | USA 141124814 | | | | | | |
| ROLLING-SPRING SCHZ ELLA-ET | USA 141495697 | | | | | | |
| ROLLING-SPRING SCZ EPPLE-ET | USA 141495688 | | | | | | |
| ROLLING-SPRING SID ELLEN-ET | USA 141875251 | | | | | | 1 |
| ROLLING-SPRING U ELEVATION | USA 71720436 | | | | | | |
| ROLLING-SPRING UNO E-DUO-ET | USA 142658648 | | | | | | 1 |
| ROLLING-SPRING UNO E-ONO-ET | USA 142658620 | | | | | | |
| ROLLING-SPRING UNO EJUNO-ET | USA 142658611 | | | | | | 1 |

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|---|---|---|---|---|---|---|---|
| ROLLING-SPRING WIND EL-ET | USA 71280606 | | | | | | 1 |
| ROMA-ACRES COLBY PIZZA-TW | USA 139417100 | | | | | | |
| ROMA-ACRES MANAT PEGGY | USA 137037250 | | | | | | |
| ROMA-ACRES POTTER PANSY-ET | USA 137424395 | | | | | | |
| ROMA-ACRES ZENITH MELODY | USA 137488104 | | | | | | |
| ROMA-WAY ARTIC 1151 | USA 53079670 | | | | | | |
| ROMANCE DORCY RISQUE-ET | USA 72702467 | | | | | | |
| ROMANCE RENAGADE | USA 67188689 | | | | | | |
| ROMANCE RHINESTONE-ET | USA 72765091 | | | | | | |
| RON-BEK SHAMROCK NADIA-ET | USA 71416998 | | | | | | |
| RON-BEK SHAMROCK NOEL-ET | USA 71416997 | | | | | | |
| RON-D-VILLE AIRTIME ADDISON | 840003004396426 | | | | | | |
| RON-JAN ABRAHAM 245 | USA 71866463 | | | | | | |
| RON-JAN DAY 253 | USA 71866471 | | | | | | |
| RON-JAN DAY 255 | USA 71866473 | | | | | | |
| RON-JAN ECOYNE ISY 223 | USA 71866441 | | | | | | |
| RON-JAN FREDDIE 135 | USA 71866484 | | | | | | |
| RON-JAN FREDDIE 191 | USA 71866409 | | | | | | |
| RON-JAN FREDDIE 212 | USA 71866430 | | | | | | |
| RON-JAN GALAXY 277 | USA 72475339 | | | | | | |
| RON-JAN GIFT 301-ET | USA 72475363 | | | | | | |
| RON-JAN GLEAM 311-ET | USA 72475373 | | | | | | |
| RON-JAN HILL 139 | USA 71866485 | | | | | | |
| RON-JAN JSUPER 203 365F | 840003125467002 | | | | | | |
| RON-JAN LEWIS 219 | USA 71866437 | | | | | | |
| RON-JAN LOGAN 234 | USA 71866452 | | | | | | |
| RON-JAN MASSEY 286 | USA 72475348 | | | | | | |
| RON-JAN MASSEY 293 | USA 72475355 | | | | | | |
| RON-JAN MCCUTCHEN 283 | USA 72475345 | | | | | | |
| RON-JAN MOGUL 319 | USA 72475381 | | | | | | |
| RON-JAN MONTEREY GLARE-ET | 840003125466989 | | | | | | |
| RON-JAN MONTEREY GLIMPSE-ET | 840003125466990 | | | | | | |
| RON-JAN PARKER 155 | USA 71866488 | | | | | | |
| RON-JAN SHAMROCK 196 | USA 71866414 | | | | | | |
| RON-JAN SHAN 282 | USA 72475344 | | | | | | |
| RON-NENE BURT DANDY-ET | USA 62343034 | | | | | | |
| RON-NENE BURT DEANA-ET | USA 63200264 | | | | | | |
| RON-NENE BURT DIXIE-ET | USA 63200263 | | | | | | |
| RON-NENE HIGHWAY DATA-ET | USA 71700197 | | | | | | |
| RON-NENE JAMMER DESTINY-ET | USA 62343026 | | | | | | |
| RON-NENE MAC DUSTY-ET | USA 64479498 | | | | | | |
| RON-NENE MAN DUST-ET | USA 69952669 | | | | | | |
| RON-NENE NAVY DELILAH-ET | USA 71700178 | | | | | | |
| RON-NENE NAVY DUCHESS-ET | USA 71700177 | | | | | | |
| RON-NENE PARKER DREAM-ET | USA 69952683 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RON-NENE SUDAN DESERT-ET | USA 70790975 | | | | | | |
| RON-ROU PRONTO CARLENA | USA 51716956 | | | | | | |
| RONBETH ALEXANDER PEARL | CAN 11072217 | | | | | | 1 |
| RONELEE ALRIGHT DABBOLA | USA 143169390 | | | | | | |
| RONELEE ALRIGHT DIONTA-ET | USA 142922349 | | | | | | |
| RONELEE ALTALEAF TWYLA-ET | USA 143307871 | | | | | | |
| RONELEE ARM DANYA JO | USA 141768454 | | | | | | |
| RONELEE ARM DASABEAR-ET | USA 142023424 | | | | | | |
| RONELEE ARM DASALYNN-ET | USA 142018356 | | | | | | |
| RONELEE ARM DOSEY DOE-ET | USA 141768360 | | | | | | |
| RONELEE ARMITAGE DAE-ET | USA 142307243 | | | | | | |
| RONELEE ARMITAGE DAKAYLA-ET | USA 142005338 | | | | | | |
| RONELEE ARMITAGE DAMARIS-ET | USA 142004627 | | | | | | |
| RONELEE ARMITAGE DASHA-ET | USA 142307252 | | | | | | |
| RONELEE ARMITAGE DENIAL-ET | USA 142160473 | | | | | | |
| RONELEE ARMITAGE DESIREE | USA 141768463 | | | | | | |
| RONELEE ARMITAGE DOWNY-ET | USA 141923897 | | | | | | |
| RONELEE ARMITAGE DOZE-ET | USA 141768230 | | | | | | |
| RONELEE ATWOOD DILLY-ET | USA 141732167 | | C | | | | |
| RONELEE BALISTO BEAUTY | USA 142996735 | | | | | | |
| RONELEE BALISTO DACINA | USA 143038399 | | | | | | |
| RONELEE BALISTO DAVINA | USA 142934227 | | | | | | |
| RONELEE BALISTO DAYLEE-ET | USA 142797578 | | | | | | |
| RONELEE BALISTO DAYSTAR-ET | USA 142842223 | | | | | | |
| RONELEE BALISTO DOODLEBUG | USA 142797064 | | | | | | |
| RONELEE BALISTO DORISSU-ET | USA 142746349 | | | | | | |
| RONELEE BALISTO DRAFTY-ET | USA 142746358 | | | | | | |
| RONELEE BALISTO DRIFTY-ET | USA 142842214 | | | | | | |
| RONELEE BAYONET DRAPERY-ET | USA 143564711 | | | | | | |
| RONELEE BAYONET DRIZZLE-ET | USA 143564720 | | | | | | |
| RONELEE BEAU DABRIA-ET | USA 141872799 | | C | | | | |
| RONELEE BEAU DEDRIANNA | USA 142023675 | | | | | | |
| RONELEE BEAU GLAZED | USA 141821337 | | | | | | |
| RONELEE BEN APPLEPIE | USA 142509494 | | | | | | |
| RONELEE BEN DORIS | USA 142508747 | | | | | | |
| RONELEE BOASTFUL SQUASH | USA 143531454 | | | | | | |
| RONELEE BOLIVER DASHING-ET | USA 140156047 | | | | | | |
| RONELEE BOLIVER DAVIANNA-ET | USA 140156113 | | | | | | |
| RONELEE BOLIVER DECORATE-ET | USA 140156122 | | C | | | | |
| RONELEE BOLIVER DEDICATED | USA 139793583 | | | | | | |
| RONELEE BOLIVER DELI-ET | USA 140156056 | | | | | | |
| RONELEE BOLIVER DOZEY-ET | USA 139531778 | | | | | | |
| RONELEE BOLIVER DRAWING-ET | USA 140156140 | | | | | | |
| RONELEE BOLIVER DREARY-ET | USA 139531796 | | | | | | |
| RONELEE BOLIVER DROOPY-ET | USA 139531787 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE BOMBERO ALLUSION | USA 143420354 | | | | | | |
| RONELEE BOMBERO DANAYA | USA 143260859 | | | | | | |
| RONELEE BOMBERO DARTMOUTH | USA 143326315 | | | | | | |
| RONELEE BRODIE DAMSELFLY | USA 143633491 | | | | | | |
| RONELEE BRODIE DELIRIUM | USA 143633576 | | C | | | | |
| RONELEE BRODIE STACEY | USA 143633419 | | | | | | |
| RONELEE CAMARO GUM | USA 143224976 | | | | | | |
| RONELEE CAMERN DARNIESHA-ET | USA 142018329 | | | | | | |
| RONELEE CAMERN DARVALYNN-ET | USA 142018347 | | | | | | |
| RONELEE CAMERN DARVIESHA-ET | USA 142018310 | | | | | | |
| RONELEE CAMERON 3286-ET | USA 72863275 | | | | | | |
| RONELEE CAMERON 3362-ET | USA 72863351 | | | | | | |
| RONELEE CAMERON DARIA-ET | USA 142018301 | | | | | | |
| RONELEE CAMERON DITZY | USA 142355639 | | | | | | |
| RONELEE CAMERON DOMINICA-ET | USA 142018338 | | | | | | |
| RONELEE CAMERON DONUTHOLE | USA 142023705 | | | | | | |
| RONELEE CAMERON DOZING | USA 142017823 | | | | | | |
| RONELEE CAMERON DUSTINE-ET | USA 142024087 | | | | | | |
| RONELEE CASH DARCYBETH-ET | USA 142922303 | | | | | | 1 |
| RONELEE CASHCOIN TARYN | USA 142921900 | | | | | | |
| RONELEE CASUAL DECORATIVE | USA 142797019 | | | | | | |
| RONELEE CASUAL DEREKA | USA 142797037 | | | | | | |
| RONELEE CATALYST DANETTA | USA 143045142 | | | | | | 3 |
| RONELEE CATALYST DATE | USA 143110686 | | | | | | |
| RONELEE CHEVROLET DUSTIMAE | USA 143074807 | | | | | | |
| RONELEE CHEVY DAAMETT-TW | USA 142996650 | | C | | | | |
| RONELEE CHEVY DAAMINE-TW | USA 142996641 | | | | | | |
| RONELEE DABBLES ROXY-ET | USA 69541331 | | | | | | |
| RONELEE DALMATION-ET | USA 140965700 | | C | | | | |
| RONELEE DANCING QUEEN | USA 142555909 | | | | | | |
| RONELEE DARCYS CHARM-ET | USA 142842205 | | | | | | |
| RONELEE DARCYS SPARKLE-ET | USA 143501882 | | | | | | |
| RONELEE DARCYS SPARKLY-ET | USA 143501891 | | | | | | |
| RONELEE DARK SECRET | USA 142555918 | | | | | | |
| RONELEE DASHINGS ALLURE | USA 142441299 | | | | | | |
| RONELEE DAWSON REGAL | USA 142746433 | | | | | | |
| RONELEE DAY DAYLILY | USA 142355657 | | | | | | |
| RONELEE DAYLIGHT GRIN | USA 142066126 | C | | | | | |
| RONELEE DEAN JODI | USA 142355518 | | | | | | |
| RONELEE DEDICATE-ET | USA 137974461 | | | | | | |
| RONELEE DELANO VANESSA | USA 142413496 | | | | | | |
| RONELEE DELISABETH-ET | USA 141055152 | | C | | | | |
| RONELEE DELTA BUBBLEBATH-TW | USA 143501846 | | | | | | |
| RONELEE DELTA BUBBLEGUM-TW | USA 143501855 | | | | | | |
| RONELEE DELTA DANITA | USA 143420390 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE DELTA DASH CAM | USA 143501930 | | | | | | |
| RONELEE DELTA DELI EXPRESS | USA 143420569 | | | | | | |
| RONELEE DELTA DELIA | USA 143501912 | | | | | | |
| RONELEE DELTA TALI | USA 143420550 | | | | | | |
| RONELEE DETERMINE DANCER-ET | USA 142555927 | | | | | | 3 |
| RONELEE DETERMINE DASHER-ET | USA 142555066 | | | | | | 3 |
| RONELEE DETERMINE DONNER-ET | USA 142555084 | | | | | | 3 |
| RONELEE DETERMINE HEAVENLY | USA 142723285 | | | | | | |
| RONELEE DETROIT DALLY-ET | USA 141088044 | | C | | | | 3 |
| RONELEE DETROIT DONNA-ET | USA 71616056 | | C | | | | 3 |
| RONELEE DICKEY DARING | USA 143074982 | | | | | | |
| RONELEE DIPPITY-DOO-ET | USA 140965492 | | C | | | | |
| RONELEE DISTINCTION DAELYNN | USA 142921955 | | | | | | |
| RONELEE DOBERMN DARIGOLD-ET | USA 141675459 | | | | | | |
| RONELEE DOMAIN GRETTA | USA 141675141 | | | | | | |
| RONELEE DOMAIN JAEDYN | USA 141550910 | | | | | | |
| RONELEE DOMAIN JOLIE | USA 141675132 | | | | | | |
| RONELEE DOORMAN DOORBELL | USA 142699124 | | | | | | |
| RONELEE DOORMAN DREAMGIRL | USA 142746684 | | C | | | C | |
| RONELEE DOORSOPEN AVA | USA 143633464 | | | | | C | 3 |
| RONELEE DOUBLETREE-TW-ET | USA 141872829 | | | | | | |
| RONELEE DRAFTY WINDOW-ET | USA 143564702 | | | | | | |
| RONELEE DRIFTER DENIMSKIRT | USA 142382824 | | | | | | |
| RONELEE DTRMIA GEORGIABROWN | USA 142746590 | | | | | | |
| RONELEE DTRMN GENTLENESS | USA 142699094 | | | | | | |
| RONELEE DUBLIN GLAZING | USA 142553756 | | C | | | | |
| RONELEE DUGOUT DECIDELY | USA 142746394 | | | | | | |
| RONELEE DUNKIN DONUT-ET | USA 141768306 | | | | | | |
| RONELEE DURHAM DORIANNA-ET | USA 142723409 | | | | | | |
| RONELEE DYNAMIC CHARACTER | USA 142508813 | | | | | | |
| RONELEE EARNHARDT DEMISUE | USA 142441208 | | | | | | |
| RONELEE EARNHARDT DESI-LOU | USA 142508765 | | | | | | |
| RONELEE ELEGANT DASA-TW | USA 139531040 | | | | | | |
| RONELEE EMBASSY SNICKER-ET | USA 142922237 | | | | | | |
| RONELEE ENFORCER WAND-ET | USA 142723388 | | | | | | |
| RONELEE ENTAIL DELTAFORCE | USA 143563710 | | | | | | |
| RONELEE ENTAIL DRAMA | USA 143564609 | | | | | | 3 |
| RONELEE ENTAIL MACADAMIA | USA 143633455 | | | | | | |
| RONELEE EPIC DAEWOO-ET | USA 141923888 | | | | | | |
| RONELEE EPIC DALISHA-ET | USA 142005280 | | | | | | |
| RONELEE EPIC DENISE | USA 142509506 | | | | | | |
| RONELEE EPIC DIJONAISE-ET | USA 142018299 | | | | | | |
| RONELEE EPIC DINNERWEAR | USA 142151682 | | | | | | |
| RONELEE ERNHARDT DAGMAR | USA 142441196 | | | | | | |
| RONELEE FACEBK DARTBOARD-ET | USA 141826659 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE FACEBK DELISSA-ET | USA 141768249 | | C | | | | |
| RONELEE FACEBOOK DARCY-ET | USA 141826668 | | | | | | |
| RONELEE FACEBOOK DATING | USA 142151673 | | | | | | |
| RONELEE FACEBOOK DOATING-ET | USA 141821458 | | | | | | |
| RONELEE FACEBOOK DOCTOR-ET | USA 141768267 | | | | | | |
| RONELEE FACEBOOK DORITO-ET | USA 141821449 | | | | | | |
| RONELEE FANCY FELICITY-ET | USA 143260868 | | | | | | |
| RONELEE FANCY FIONA-ET | USA 143326575 | | | | | | |
| RONELEE FEELING FANCY-ET | USA 142066386 | | | | | | |
| RONELEE FUCHSIA-ET | USA 143170736 | | | | | | |
| RONELEE GALAXY DESIRING-ET | USA 142413348 | | | | | | |
| RONELEE GALAXY DESIROUS-ET | USA 142413320 | | | | | | |
| RONELEE GALAXY DIXIE CRI-ET | 840003011817190 | | | | | | |
| RONELEE GALAXY QUEST-ET | USA 142555075 | | C | | | | |
| RONELEE GALXY DESIREABLE-ET | USA 142413339 | | | | | | |
| RONELEE GOLDCHIP APPLEBEE | USA 141871510 | | | | | | |
| RONELEE GOLDCHIP APRIL | USA 141675208 | | | | | | |
| RONELEE GOLDCHIP DAR | USA 141732297 | | | | | | |
| RONELEE GOLDCHIP DENTYNE-ET | USA 141872810 | | | | | | |
| RONELEE GOLDCHIP DORT | USA 141768388 | | | | | | |
| RONELEE GOLDCHIP GENEALOGY | USA 141732420 | | | | | | |
| RONELEE GOLDSUN DARVA-TW | USA 142508738 | | | | | | |
| RONELEE GOLDWN DISCOVERY-ET | USA 137300165 | | | | | | |
| RONELEE GOLDWYN DANAE-ET | USA 139413601 | | C | | | | 3 |
| RONELEE GOLDWYN DARLING-ET | USA 140156065 | | C | | | | |
| RONELEE GOLDWYN DENALI-ET | USA 139413580 | | | | | | 3 |
| RONELEE GOLDWYN DINAH-ET | USA 139413599 | | C | | | | 3 |
| RONELEE GOLDWYN DOLPHIN-ET | USA 137300183 | | | | | | 1 |
| RONELEE GRAFEETI APPROVE | USA 142995864 | | | | | | |
| RONELEE GRAFEETI DAWNETTE | USA 142996717 | | C | | | | 3 |
| RONELEE HEADLINER DANCER | USA 142746675 | | | | | | |
| RONELEE HEADLINER DANESAH | USA 143169514 | | | | | | |
| RONELEE HEADLINER DAP | USA 142383384 | | | | | | |
| RONELEE HEADLINER DISMAYED | USA 142553765 | | | | | | |
| RONELEE HEADLINER DOMILIA | USA 142508756 | | | | | | 1 |
| RONELEE HEADLINER DRAWER | USA 142746639 | | | | | | |
| RONELEE HEINZ DOWNY-ET | USA 143684835 | | | | | | |
| RONELEE HERO DONALYNN-ET | USA 69716533 | | C | | | | |
| RONELEE HERO GLORIA JO | USA 142746910 | | | | | | |
| RONELEE HIGHWAY DARYLS-ET | USA 142170966 | | | | | | |
| RONELEE HOMERUN DERBY | USA 143531511 | | | | | | |
| RONELEE HOMERUN QUILT | USA 143531502 | | | | | | |
| RONELEE IOTA DACIA-ET | USA 71926176 | | C | | | | |
| RONELEE IOTA DAKSHA-ET | USA 71916281 | | | | | | |
| RONELEE IOTA DANETTE-ET | USA 141456757 | | | | | | 3 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE IOTA DANISH-ET | USA 141675440 | | | | | | |
| RONELEE IOTA DAPHNIE-ET | USA 141550518 | | C | | | | |
| RONELEE IOTA DARLINGTON | USA 141453923 | | C | | | | |
| RONELEE IOTA DAVITA | USA 142005226 | | | | | | 3 |
| RONELEE IOTA DELISH-ET | USA 141550956 | | | | | | |
| RONELEE IOTA DELTA-ET | USA 141550947 | | C | | | | |
| RONELEE IOTA DEONTA | USA 142996744 | | | | | | |
| RONELEE IOTA DOMINO-ET | USA 141456748 | | | | | | 3 |
| RONELEE IOTA DOODLE-ET | USA 141550424 | | C | | | | |
| RONELEE IOTA DRAW | USA 141548863 | | | | | | |
| RONELEE IOTA GIAVANNA-ET | USA 141550983 | | | | | | |
| RONELEE IOTA GILDA-ET | USA 141551014 | | | | | | |
| RONELEE IOTA GILLIAN-ET | USA 141551005 | | | | | | |
| RONELEE IOTA GOLDFISH-ET | USA 142005301 | | | | | | |
| RONELEE JACEY DANOELLE | USA 143110716 | | | | | | |
| RONELEE JACEY DARINKA | USA 143110725 | | | | | | |
| RONELEE JACEY DARSHANA | USA 143075095 | | | | | | |
| RONELEE JACEY DASHAY | USA 142934236 | | C | | | | |
| RONELEE JACEY TRESSA | USA 142922095 | | | | | | |
| RONELEE JACKMAN SHERBERT | USA 142699218 | | | | | | |
| RONELEE JACKMAN SNAZZY-ET | USA 142602320 | | | C | | | |
| RONELEE JEEVES DISCOVER | USA 139977705 | | | | | | |
| RONELEE JEEVES JANE | USA 140057777 | | | C | | | |
| RONELEE JETSET DASHIA-ET | USA 142746367 | | | | | | |
| RONELEE JOSUPER BAMBI-ET | USA 143307844 | | | | | | |
| RONELEE JOSUPER BECCA-ET | USA 143307862 | | | | | | |
| RONELEE JOSUPER BELLA-ET | USA 143307853 | | | | | | |
| RONELEE JOSUPER BETHANY-ET | USA 143326520 | | | | | | |
| RONELEE JOSUPER DAEVA | USA 143326285 | | | | | | |
| RONELEE JOSUPER DARIGOLD | USA 143260448 | | | | | | |
| RONELEE JOSUPER MELISSA-ET | USA 143421300 | | | | | | |
| RONELEE JOSUPER MITTEN-ET | USA 143421289 | | | | | | |
| RONELEE JOSUPER MUFFIN-ET | USA 143421270 | | | | | | |
| RONELEE KINGBOY DARIELA | USA 143531463 | | | | | | |
| RONELEE KINGPIN DANUTA | USA 143420587 | | C | | | | 3 |
| RONELEE LABRON DOAT | USA 142841802 | | | | | | |
| RONELEE LADD DANEESA-ET | USA 142023488 | | | | | | |
| RONELEE LADD DAWNETTA-ET | USA 142023451 | | C | | | | 3 |
| RONELEE LADD DEANDRA-ET | USA 142023479 | | C | | | | 3 |
| RONELEE LADD LIN | USA 142066144 | | | | | | |
| RONELEE LAMAR GIRLISH | USA 143075107 | | | | | | |
| RONELEE LET IT SNOW AMY | USA 142996696 | | | | | | |
| RONELEE LEWIS DECORATION | USA 141462705 | | C | | | | |
| RONELEE LIQUID G MARIA-ET | USA 142699478 | | | | | | |
| RONELEE LIQUID GOLD DART-ET | USA 142746376 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RONELEE LIQUIDGOLD MAYA-ET | USA 142699469 | | | | | | |
| RONELEE LOU AMBROSIA-ET | USA 138828062 | | | | | | |
| RONELEE LOU DANICA | USA 139190214 | | | | | | 1 |
| RONELEE LOU GLANCE | USA 138800462 | | | | | | |
| RONELEE LOU GRACIE | USA 139099906 | | | | | | |
| RONELEE MAC DANIELLE-ET | USA 140423871 | | | | | | |
| RONELEE MAC DANYA-ETS | USA 140423862 | | C | | | | |
| RONELEE MAC DENA-ET | USA 140423899 | | | | | | |
| RONELEE MAC DESIRE-ET | USA 140423880 | | | | | | |
| RONELEE MAC DOROTHY-ET | USA 140423910 | | | | | | |
| RONELEE MAC DREAMY | USA 139407028 | | C | | | | |
| RONELEE MAGASIRE DACARA | USA 143420466 | | | | | | |
| RONELEE MAINE TARALYNN-ET | USA 143326566 | | | | | | |
| RONELEE MAINEVENT TAFFY-ET | USA 143326539 | | | | | | |
| RONELEE MAINEVENT TAMEKA-ET | USA 143326557 | | | | | | |
| RONELEE MAINEVENT TAYA-ET | USA 143326548 | | | | | | |
| RONELEE MAN OMAN DIANE-ET | USA 140557389 | | | | | | |
| RONELEE MANOMAN DARLA | USA 142746769 | | | | | | |
| RONELEE MANOMAN DEVISHA | USA 141548920 | | | | | | |
| RONELEE MANOMAN GIRLISH | USA 141453893 | | | | | | |
| RONELEE MCCTCH DANYA SUE-ET | USA 142413432 | | | | | | |
| RONELEE MCCTCHN DAZZLE-ET | USA 142555011 | | | | | | |
| RONELEE MCCTCHN DAZZLING-ET | USA 142555039 | | | | | | |
| RONELEE MCCUT DANYA BETH-ET | USA 142441178 | | C | | | | |
| RONELEE MCCUT DANYA LYNN-ET | USA 142441187 | | C | | | | |
| RONELEE MCCUTCHEN DACIE | USA 142508859 | | | | | | |
| RONELEE MCCUTCHEN DAME-ET | USA 142382815 | | | | | | |
| RONELEE MCCUTCHEN DASANI | USA 142383375 | | | | | | 3 |
| RONELEE MCCUTCHEN DAZELLE | USA 142797046 | | | | | | |
| RONELEE MCCUTCHEN DISCOVERY | USA 142355648 | | | | | | |
| RONELEE MCCUTCHEN DONEEN | USA 142274932 | | | | | | |
| RONELEE MCCUTCHEN GLIMMER | USA 142746835 | | | | | | |
| RONELEE MCCUTCHEN GLLIE JOY | USA 142746808 | | | | | | |
| RONELEE MCCUTCHEN JIFFY-ET | USA 142316445 | | | | | | |
| RONELEE MCCUTCHEN JULIE-ET | USA 142316436 | | | | | | |
| RONELEE MCCUTCHN DAMIANA-ET | USA 142355732 | | | | | | |
| RONELEE MCCUTCHN DREAMY ANN | USA 142413508 | | C | | | | |
| RONELEE MEGASIRE DAMETRA | USA 143420644 | | | | | | |
| RONELEE MGL DELICATESSEN-ET | USA 142211320 | | | | | | |
| RONELEE MIDNIGHT DAFENIA | USA 143045115 | | | | | | |
| RONELEE MIDNIGHT FROST-ET | USA 143038380 | | | | | | |
| RONELEE MIDNIGHT STAR-ET | USA 143075116 | | | | | | |
| RONELEE MILLION DEE DEE-ET | USA 140156092 | | | | | | |
| RONELEE MILLION DELIGHT-ET | USA 140156104 | | | | | | |
| RONELEE MILLION DIXIE-ET | USA 140156083 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE MILLION DOLLAR-ET | USA 140156074 | | | | | | |
| RONELEE MILLION GLAZE-ET | USA 140557307 | | | | | | |
| RONELEE MIXER DANCE | USA 142996632 | | | | | | |
| RONELEE MIXER DECIDUOUS-ET | USA 142441169 | | | | | | |
| RONELEE MIXER DIGITAL-ET | USA 142355741 | | C | | | | |
| RONELEE MIXER DURABLE-ET | USA 142355714 | | | | | | |
| RONELEE MIXER DYLANA | USA 143169448 | | | | | | |
| RONELEE MNTRY TRISCUIT-ET | USA 143260840 | | | | | | |
| RONELEE MOGUL DAVIANNA-ET | USA 142133242 | | | | | | |
| RONELEE MOGUL DAVINA CRI-ET | USA 72115655 | | | | | | |
| RONELEE MOGUL DAVISHA-ET | USA 142508653 | | | | | | |
| RONELEE MOGUL DAZZ | USA 142699179 | | | | | | |
| RONELEE MOGUL DEBUTANTE-ET | USA 142133224 | | | | | | |
| RONELEE MOGUL DELICIOUS-ET | USA 142211290 | | | | | | |
| RONELEE MOGUL DENALYNN | USA 142841781 | | | | | | |
| RONELEE MOGUL DENISHA-ET | USA 142394038 | | | | | | |
| RONELEE MOGUL DRASHAE-ET | USA 142245772 | | | | | | |
| RONELEE MOGUL DRISANNA-ET | USA 142275148 | | | | | | |
| RONELEE MOGUL DRIZZETA-ET | USA 142245763 | | C | | | | |
| RONELEE MOGUL GARLAND | USA 142921937 | | | | | | |
| RONELEE MOGUL GUMBALL | USA 142242827 | | | | | | |
| RONELEE MONT FANTASIA-ET | USA 143170709 | | | | | | |
| RONELEE MONTEREY FANTASY-ET | USA 143170727 | | | | | | |
| RONELEE MONTEREY SOPHIA | USA 143563596 | | | | | | 3 |
| RONELEE MONTEREY TWIX-ET | USA 143260831 | | | | | | |
| RONELEE MONTROSS SHERILYNN | USA 143224994 | | | | | | |
| RONELEE MR SAM DELFT-ET | USA 137093717 | | | | | | |
| RONELEE MR SAM DIVINE-ET | USA 137093726 | | | | | | |
| RONELEE MRS DIANA-ET | USA 137095139 | | | | | | |
| RONELEE OAK DAVONNA | USA 142746844 | | | | | | |
| RONELEE OAK DELISHA | USA 142746385 | | | | | | |
| RONELEE OAK SASHA-ET | USA 142699384 | | | | | | |
| RONELEE OAK SHAWNA-ET | USA 142699405 | | | | | | |
| RONELEE OAK SNOWBALL-ET | USA 142746330 | | | | | | |
| RONELEE OAK STACIA-ET | USA 142699432 | | | | | | |
| RONELEE OBSERVER DASLYN-ET | USA 141087977 | | | | | | |
| RONELEE OBSERVER DEMI-ET | USA 141141945 | | | | | | |
| RONELEE OBSERVER DURACEL-ET | USA 141141963 | | C | | | | |
| RONELEE OCTAVIAN DANY-ET | USA 143421261 | | | | | | |
| RONELEE OCTAVIAN TWILIGHT | USA 143420523 | | | | | | |
| RONELEE OCTOBER BREEZE-ET | USA 143501921 | | | | | | |
| RONELEE OCTOBER FEAST-ETS | USA 143531472 | | | | | | |
| RONELEE OCTOBER FESTIVAL-ET | USA 143501976 | | | | | | |
| RONELEE OCTOBER HARVEST-ET | USA 143501949 | | | | | | |
| RONELEE OCTOBER MIST-ET | USA 143501958 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE OCTOBER RAIN-ETS | USA 143531481 | | | | | | |
| RONELEE OCTOBER SKY-ET | USA 143501903 | | | | | | 3 |
| RONELEE OCTOBER SPRINKLE-ET | USA 143501967 | | | | | | |
| RONELEE PARTYROCK DEMETRIOS | USA 143045133 | | | | | | |
| RONELEE PARTYROCK SHELLY | USA 143169505 | | | | | | |
| RONELEE PAYTON DECORATING | USA 143531490 | | | | | | |
| RONELEE PEPPER DONNALYNN-ET | USA 143421243 | | | | | | |
| RONELEE PEPPPER DONNASUE-ET | USA 143421252 | | | | | | |
| RONELEE PRDSTN DELIVER-ET | USA 142603723 | | | | | | |
| RONELEE PRDSTN DEMOCRACY-ET | USA 142603714 | | | | | | 3 |
| RONELEE PRDSTN DOCTRINE-ET | USA 142603705 | | | | | | 3 |
| RONELEE PRDSTN SNOWBIRD-ET | USA 142699450 | | | | | | 3 |
| RONELEE PRDSTN STARLET-ET | USA 142699610 | | | | | | 3 |
| RONELEE PREDESTINE DELTARAY | USA 142603787 | | | | | | 3 |
| RONELEE PUNCH DARALIS-ET | USA 142316427 | | C | | | | |
| RONELEE PUNCH DARINKA GT-ET | USA 142316418 | | C | | | | |
| RONELEE PUNCH DELILA CRI-ET | 840003011817156 | | C | | | | |
| RONELEE PUNCH DITA-ET | USA 142384004 | | | | | | |
| RONELEE PUNCH DOLL-ET | USA 142242902 | | | | | | |
| RONELEE RACER DILVANNE | USA 143110695 | | | | | | |
| RONELEE RACER DORINA | USA 143326267 | | | | | | |
| RONELEE RACER FASHION-ET | USA 143038371 | | | | | | |
| RONELEE RACER FLAIRE-ET | USA 142934759 | | | | | | |
| RONELEE RACER FREESPIRIT-ET | USA 142934740 | | | | | | |
| RONELEE RACER SNOW PEA | USA 142934245 | | | | | | |
| RONELEE RBST DECORATING-ET | USA 142018280 | | | | | | |
| RONELEE ROBUST DULCIE | USA 141453978 | | | | | | |
| RONELEE ROSS DASH-ET | USA 141087986 | | | C | | | |
| RONELEE ROSS DECIDE-ET | USA 141088017 | | | | | | |
| RONELEE ROSS DECORE-ET | USA 141088008 | | | C | | | |
| RONELEE RSVP DEW-ET | USA 137950810 | | C | | | | |
| RONELEE RSVP DITZY-ET | USA 137755013 | | | | | | |
| RONELEE RSVP DREAM-ET | USA 137740888 | | C | | | | |
| RONELEE RUDOLPH JODI | USA 135864487 | | | | | | |
| RONELEE SECIETARIAT DYSMAS | USA 143420448 | | | | | | |
| RONELEE SECRET HAVEN P-ET | USA 143501873 | | | | | | |
| RONELEE SECRET PRIZE-P-ET | USA 143421319 | | | | | | |
| RONELEE SECRET RECIPE-P-ET | USA 143421328 | | | | | | |
| RONELEE SECRET SILVER | USA 143531418 | | | | | | |
| RONELEE SECRET TREASURE-ET | USA 142975244 | | | | | | |
| RONELEE SHAM DOUBLEFUDGE-ET | USA 141923879 | | | | | | |
| RONELEE SHAMROCK DANI-TW | USA 141821355 | | | | | | |
| RONELEE SHAMROCK DANUKA-TW | USA 141821346 | | C | | | | 3 |
| RONELEE SHAMROCK DASH-ET | USA 141733083 | | | | | | |
| RONELEE SHAMROCK DAVIDA-ET | USA 141550992 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE SHAN DARIANNA | USA 143169457 | | | | | | |
| RONELEE SHAN DIM | USA 143110707 | | | | | | |
| RONELEE SHAN DONYA-ET | USA 142555057 | | | | | | |
| RONELEE SHAN DOOLEY | USA 142555897 | | | | | | |
| RONELEE SHAN JOLENE | USA 142746817 | | | | | | |
| RONELEE SHAN SNOWGIRL | USA 142699160 | | | | | | |
| RONELEE SHERAC DAWN-ET | USA 141769099 | | | | | | 3 |
| RONELEE SHERAC DEJAVU-ET | USA 141872780 | | | | | | |
| RONELEE SHERAC DEVORAH-ET | USA 141774215 | | | | | | 3 |
| RONELEE SHERAC DOODLE-ET | USA 141768212 | | | | | | |
| RONELEE SHERAC DOTTIE-ET | USA 141774224 | | | | | | 3 |
| RONELEE SHERUC DRISTAN-ET | USA 141826677 | | | | | | |
| RONELEE SHKSPR DIJON-ET | USA 142841660 | | | | | | |
| RONELEE SHKSPR SILVER-ET | USA 142842193 | | | | | | |
| RONELEE SHMRCK DANICAJO-TW | USA 142216763 | | | | | | 1 |
| RONELEE SHOTBOLT DYNASTY-ET | USA 141456711 | | C | | | | |
| RONELEE SHOTTBOLT DORIAN-ET | USA 141456720 | | C | | | | |
| RONELEE SHOTTBOLT DULCIE-ET | USA 141821467 | | C | | | | |
| RONELEE SHOTTLE DENISE | USA 139188822 | | | | | | |
| RONELEE SHTGLSS DULANEE-ET | USA 142413375 | | | | | | |
| RONELEE SILVER BRACELET-ET | USA 143633660 | | | | | | |
| RONELEE SILVER DESLANNA | USA 143326306 | | | | | | |
| RONELEE SILVER DESSA | USA 143307312 | | | | | | |
| RONELEE SILVER DOLLARS-ET | USA 143647942 | | | | | | |
| RONELEE SILVER POLISH-ET | USA 143633679 | | | | | | |
| RONELEE SILVER WAND-ET | USA 143421391 | | | | | | |
| RONELEE SILVER WHISPER-ET | USA 143421412 | | | | | | 3 |
| RONELEE SILVER WHITNEY-ET | USA 143421364 | | | | | | |
| RONELEE SILVER WINNIE-ET | USA 143421382 | | | | | | |
| RONELEE SILVER WONDER-ET | USA 143421403 | | | | | | |
| RONELEE SNOW LEOPARD-ET | USA 142555936 | | C | | | C | |
| RONELEE SNOW SPARKLING-ET | USA 143501864 | | C | | | C | |
| RONELEE SNOWBOOTS-ET | USA 141462929 | | C | | | | |
| RONELEE SNOWDRIFT-ET | USA 141675383 | | | | | | 3 |
| RONELEE SNOWFALL-ET | USA 141675392 | | | C | | | 3 |
| RONELEE SNOWFLAKE-ET | USA 141675404 | | | C | | | 3 |
| RONELEE SNOWHITE-ET | USA 141462910 | | | | | | |
| RONELEE SNOWSTORM-ET | USA 141874876 | | | | | | |
| RONELEE SSI HERO D 5459-ET | USA 68997716 | | C | | | | |
| RONELEE SSI HERO D 7157-ET | 840003007701812 | | C | | | | |
| RONELEE SSI HERO D 7158-ET | 840003007701813 | | | | | | |
| RONELEE SSI HERO D 7164-ET | 840003007701819 | | | | | | |
| RONELEE SSI OBSERVE 5546-ET | USA 70119247 | | | | | | |
| RONELEE SUDAN DUSTI-ET | USA 142133215 | | | | | | |
| RONELEE SUGAR BLOSSOM | USA 142508699 | | C | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONELEE SUMMER STORM-ET | USA 142723502 | | | | | | |
| RONELEE SUPER DELAYNE-ET | USA 140969393 | | | | | | |
| RONELEE SUPERSIRE DOT | USA 142602357 | | C | | | | |
| RONELEE SUPERSIRE TAMMY-ET | USA 142211311 | | | | | | |
| RONELEE SUPERSIRE TARA-ET | USA 142355705 | | | | | | |
| RONELEE SUPERSIRE TARYN-ET | USA 142151619 | | | | | | |
| RONELEE SUPERSIRE TOOTIE-ET | USA 142355693 | | | | | | |
| RONELEE SUPERSIRE TRISHA-ET | USA 142211339 | | | | | | |
| RONELEE SUPRSIRE TWINKLE-ET | USA 142355723 | | | | | | |
| RONELEE SWEET NELLIE | USA 142441235 | | | | | | |
| RONELEE TAILOR BELLBOTTOM | USA 143633585 | | | | | | |
| RONELEE TANGO DANE | USA 142797112 | | C | | | | |
| RONELEE TANGO DARASUE | USA 143074973 | | C | | | | |
| RONELEE TANGO DENIABILITY | USA 142921991 | | C | | | | |
| RONELEE TANGO DOSITEO | USA 143045124 | | | | | | |
| RONELEE TANGO DOZZLE | USA 142797121 | | | | | | |
| RONELEE TANGO JINGLEBELL | USA 143307198 | | C | | | | |
| RONELEE TOYSTRY DELICACY-ET | USA 137974452 | | C | | | | |
| RONELEE TOYSTY DECIDIOUS-ET | USA 137974443 | | | | | | |
| RONELEE UNO DABBLEICIOUS-ET | USA 142133233 | | C | | | | |
| RONELEE UNO DABBRIELLE-ET | USA 142151637 | | | | | | |
| RONELEE UNO DABBY-ET | USA 142151646 | | C | | | | |
| RONELEE UNO DAMOSEL-ET | USA 142133046 | | C | | | | |
| RONELEE UNO DARINGLY-ET | USA 142133037 | | | | | | |
| RONELEE UNO DELIRIOUS-ET | USA 142151628 | | | | | | |
| RONELEE UNO DESIGNER | USA 142841790 | | | | | | |
| RONELEE UNO DONNALIA-ET | USA 142242881 | | | | | | |
| RONELEE UNO JINGLE-ET | USA 142242890 | | | | | | |
| RONELEE WILD BEAST DELTASUE | USA 143169260 | | | | | | |
| RONELEE YODER DARCYLOU-ET | USA 143421430 | | | | | | |
| RONELEE YODER DATING | USA 143633400 | | | | | | |
| RONELEE ZENITH DAINTY-ET | USA 55385416 | | C | | | | |
| RONELEE ZENITH DELFT-ET | USA 139318410 | | | | | | |
| RONELEE ZENITH GLAZE-ET | USA 137095232 | C | | | | | |
| RONJANCO BM ZO 292F-ET | 840003013064529 | | | | | | |
| RONJANCO DAM 226 317F-ET | 840003130001757 | | | C | | | |
| RONJANCO DLT TAB 410F-ET | 840003125466957 | | | | | | |
| RONJANCO DLT TAB 411F-ET | 840003125466956 | | | | | | |
| RONJANCO DLT TAB 412F-ET | 840003125466955 | | | | | | |
| RONJANCO DM221 408F-ET | 840003125466959 | | | | | | |
| RONJANCO DM226 322F-ET | 840003130001762 | | | | | | |
| RONJANCO SILVER 332 406F-ET | 840003125466961 | | | | | | |
| RONJANCO TNG 89 332F-ET | USA 72475394 | | | | | | |
| RONKS BRADNICK DAKOTA | USA 56532878 | | | | | | |
| RONKS BRETT TACOMA | USA 56532857 | | | | | | |

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|---|---|---|---|---|---|---|---|
| RONKS DEFENDER ROYAL | 840003125602861 | | | | | | |
| RONKS GAMBLER SPARKY | 840003125602867 | C | | | | | |
| RONKS HEADLINER TWISTER | USA 142889536 | | | | | | |
| RONKS SHAN TWLIGHT | USA 53795985 | | | | | | |
| RONKS SHOTTLE DAYTON | USA 53795794 | | C | | | C | |
| RONKS SUPERSIRE DOMINO | USA 53795941 | | C | | | C | |
| RONKSTAR TIME ALLI | USA 70359220 | | | | | | |
| RONLAND ALCHEMY JINGLE | USA 71837365 | | | | | | 1 |
| RONLAND ALRIGHT MABEL | USA 73424526 | | | | | | |
| RONLAND BOMB NILE | USA 73424560 | | | | | | |
| RONLAND BOMBERO JANNIE | USA 73424540 | | | | | | |
| RONLAND COMMANDER JEANNIE | USA 73424559 | | | | | | |
| RONLAND DEFENDER JELLY | USA 73424514 | | | | | | 1 |
| RONLAND DELTA JAUNITA-ET | 840003131981556 | | | | | | |
| RONLAND DELTA JAZLYN-ET | 840003131981557 | | | | | | 1 |
| RONLAND DELTA JULES-ET | 840003131981554 | | | | | | |
| RONLAND DISTINCTION JUNCO | USA 73424490 | | | | | | |
| RONLAND DIVA KESHA | USA 71837360 | | C | | | | 3 |
| RONLAND EPIC JANELLE-ET | USA 71837347 | | | | | | 1 |
| RONLAND EPIC JOLT-ET | USA 71837358 | | | | | | |
| RONLAND EPIC JOURNEY JO-ET | USA 71837348 | | | | | | |
| RONLAND EPIC MARIAH-ET | USA 71837394 | | | | | | |
| RONLAND EXPLODE MIAMI-ET | USA 71837375 | | | | | | |
| RONLAND G CHIP JOSEE | USA 70836241 | | | | | | |
| RONLAND GALAXY JADYN | USA 71837413 | | | | | | |
| RONLAND GALAXY MAXI | USA 71837417 | | | | | | |
| RONLAND GOLD DIVA RIHANNA | USA 70836235 | | | | | | |
| RONLAND GOLDCHIP JATORI-ET | USA 70836234 | | | | | | |
| RONLAND GOLDCHIP JULISA | USA 70836237 | | | | | | |
| RONLAND IOTA JOSIE | USA 71837327 | | | | | | 1 |
| RONLAND JAGUAR JOJO-ET | USA 73424567 | | | | | | |
| RONLAND JANINES JENNY-ET | USA 15933567 | | | | | | |
| RONLAND JATARA LONG JAMELIA | USA 73424495 | | | | | | |
| RONLAND JAVA PS JACOBIA-ET | USA 66602329 | | | | | C | |
| RONLAND JEDI JOCELYN-ET | USA 137859865 | | | | | | |
| RONLAND JET JILLIAN-ET | USA 69849772 | | | | | | |
| RONLAND JEWEL JATARA | USA 69303449 | | | | | | |
| RONLAND JOSUPER JESENIA | 840003131981523 | | | | | | |
| RONLAND JUDIAN JIGGLER | USA 137659988 | | | C | | | |
| RONLAND JUPITER UNO JORDAN | USA 71837339 | | | | | | |
| RONLAND KING JAG JENSKI-ET | USA 73424561 | | | | | | |
| RONLAND KING JAMAICA-ET | 840003129015984 | | | | | | |
| RONLAND KING JAMIE-ET | 840003129016363 | | | | | | |
| RONLAND KING JANICKA-ET | 840003129016322 | | | | | | |
| RONLAND KING JANTINE-ET | 840003129016402 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONLAND KING JATARA-ET | 840003129016405 | | | | | | |
| RONLAND KING JORJA-ET | USA 73424569 | | | | | | |
| RONLAND KINGBOY JANIA-ET | USA 73424571 | | | | | | |
| RONLAND LEXOR BETH-ET | USA 71837395 | | | | | | |
| RONLAND LITHIUM JORDAN | USA 71837372 | | | | | | |
| RONLAND LONG DREAM | USA 73424499 | | | | | | |
| RONLAND MANFRED JACKIE | USA 128605879 | | | | | | |
| RONLAND MANOMAN JELLO-ET | USA 70836223 | | | | | | 1 |
| RONLAND MCCUTCH JESSICA | USA 71837389 | | | | | | 1 |
| RONLAND MOGUL JET | USA 71837351 | | | | | | |
| RONLAND MONTEREY JAYANA-ET | USA 73424580 | | | | | | |
| RONLAND MONTEREY JILLIAN-TW | 840003131981540 | | | | | | |
| RONLAND MONTEREY JOANNE-ET | USA 73424578 | | | | | | |
| RONLAND MONTEREY JULIANA-TW | 840003131981541 | | | | | | 1 |
| RONLAND MONTEREY JULIET-ET | USA 73424579 | | | | | | |
| RONLAND MONTROSS JACLYN | USA 73424563 | | C | | | | |
| RONLAND MONTROSS JAN | USA 73424544 | | | | | | 1 |
| RONLAND MONTROSS JANESA | USA 73424537 | | | | | | |
| RONLAND MONTROSS JONATHA | USA 73424566 | | | | | | |
| RONLAND MONTY JACEY-TW | 840003131981546 | | | | | | |
| RONLAND MONTY JACKIE-ET | USA 73424577 | | | | | | |
| RONLAND MONTY JAKINNA-TW | 840003131981547 | | | | | | |
| RONLAND MORTY JUNI CRI-ET | USA 61089273 | C | | | | | |
| RONLAND NIAGRA JOYCE-ET | USA 69303525 | | | C | | | |
| RONLAND NIAGRA JURIST-ET | USA 69303484 | | | | | | 1 |
| RONLAND NIAGRA JUSTICE-ET | USA 69303482 | | | | | | |
| RONLAND NITA MERV NATASHA | USA 17092736 | | | | | | |
| RONLAND NUCLEAR JUNE | USA 70836224 | | | | | | |
| RONLAND OLYMPIAN JETTA-ET | USA 73424546 | | | | | | |
| RONLAND PETRONE JANNY | USA 71837388 | | | | | | |
| RONLAND PLANET JASPAR | USA 66602349 | | | | | | |
| RONLAND R-PINELAWN MYLEE | USA 70836233 | | | | | | |
| RONLAND RACER JANICA-ET | USA 73424520 | | | | | | |
| RONLAND RACER JAREN-ET | USA 73424541 | | | | | | 1 |
| RONLAND RACER JOSETTE-ET | USA 73424565 | | | | | | |
| RONLAND SHAMROCK GEORGIA | USA 70836252 | | C | | | | |
| RONLAND SHAMROCK JADEN | USA 70836238 | | | | | | |
| RONLAND SHAMROCK JESSICA-ET | USA 70836253 | | | | | | 1 |
| RONLAND SHAMROCK MITZIE | USA 70836221 | | | | | | |
| RONLAND SHAN BRONWYN-ET | USA 71837424 | | | | | | |
| RONLAND SHERAC JILL-ET | USA 71837333 | | | | | | 1 |
| RONLAND SILVER JEMIMA-ET | 840003131981558 | | | | | | |
| RONLAND SILVER JINNI | 840003131981561 | | | | | | |
| RONLAND SILVER JOZLYN-ET | 840003131981562 | | | | | | |
| RONLAND SILVER JULEE-ET | 840003131981565 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RONLAND SILVER JULISKA-ET | 840003131981564 | | | | | | |
| RONLAND SILVER MINK | 840003131981552 | | | | | | |
| RONLAND SS GALENA | USA 71837392 | | | | | | |
| RONLAND SS JATORIA-ET | USA 70836254 | | | | | | |
| RONLAND SS JAZZY | USA 73424487 | | | | | | |
| RONLAND SS JUMANA | USA 73424482 | | | | | | |
| RONLAND SS JUNEAU | USA 71837368 | | | | | | |
| RONLAND SS MARSHA | USA 71837386 | | | | | | |
| RONLAND SUPER LARGE JUBILEE | USA 70836261 | | | | | | |
| RONLAND SUPERSONIC JAGUAR | USA 71837363 | | | | | | |
| RONLAND SUPERSONIC JULIA | USA 71837341 | | | | | | |
| RONLAND TANGO CAMI | USA 73424506 | | | | | | |
| RONLAND TANGO GISELLE | USA 73424504 | | C | | | | |
| RONLAND TANGO JACKIE | USA 73424488 | | C | | | | |
| RONLAND TANGO JAYDE | USA 73424494 | | C | | | | 1 |
| RONLAND TANGO JULINKA | USA 73424484 | | C | | | | |
| RONLAND TANGO JULISHA | USA 73424483 | | | | | | 1 |
| RONLAND TATUM JACKY | USA 73424547 | | C | | | | |
| RONLAND TESK JANINE | USA 14798897 | | | | | | |
| RONLAND UNO GLORIA-ET | USA 71837344 | | | | | | |
| RONLAND UNO GYPSY-ET | USA 71837362 | | C | | | | |
| RONLAND UNO JAGUAR-ET | USA 71837377 | | | | | | |
| RONLAND VOTTO JANAY-ET | USA 73424530 | | | | | | |
| RONLAND WILLPOWER MARAH | USA 73424505 | | | | | | |
| RONLAND YODER NITARA | 840003131981525 | | | | | | |
| ROORDA AL TAKIERA-ET | USA 68814703 | | | | | | |
| ROORDA BEACN 15422 MALLA-ET | USA 70338927 | | | | | | |
| ROORDA BOLTON 6640 | USA 62828765 | | | | | | |
| ROORDA BRISCO MAIN15692-ET | USA 71013566 | | | | | | |
| ROORDA BRISCO MARY 15659-ET | USA 71013533 | | | | | | |
| ROORDA BRISCO MEME 15660-ET | USA 71013534 | | | | | | 1 |
| ROORDA BRISCO MEXY 15687-ET | USA 71013561 | | | | | | 1 |
| ROORDA BRISCO MIA 15662-ET | USA 71013536 | | | | | | 1 |
| ROORDA CAMERON MANDY 15626 | USA 71013500 | | | | | | |
| ROORDA CAMERON MITTY 15627 | USA 71013501 | | | | | | |
| ROORDA CUT MCCINDY 15917-ET | USA 71013791 | | | | | C | |
| ROORDA CUT MCJANE 15914-ET | USA 71013788 | | | | | | |
| ROORDA CUT MYSTERY 19174-ET | USA 72316717 | | | | | | |
| ROORDA CUTCHEN MAY 15897-ET | USA 71013771 | | | | | | |
| ROORDA CUTCHEN MIA 15894-ET | USA 71013768 | | | | | | |
| ROORDA CUTCHEN MIT 15899-ET | USA 71013773 | | | | | | |
| ROORDA DADDY MARY 15802-ET | USA 71013676 | | C | | | | |
| ROORDA DOM MIREASA 15257-ET | USA 70338762 | | | | | | |
| ROORDA DOM MIRISA 15254-ET | USA 70338760 | | | | | | |
| ROORDA DOM MIRMA 15293-ET | USA 70338798 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROORDA DOMAIN 15254-ET | USA 70338759 | | | | | | |
| ROORDA EPIC MIKAL 15670-ET | USA 71013544 | | | | | | |
| ROORDA EPIC MISTIC 15669-ET | USA 71013543 | | | | | C | |
| ROORDA G W ATWOOD 15276-ET | USA 70338781 | | | | | | |
| ROORDA G W ATWOOD 15282 | USA 70338787 | | | | | | |
| ROORDA G W ATWOOD 15306 | USA 70338811 | | | | | | |
| ROORDA G W ATWOOD 15397-ET | USA 70338902 | | | | | | |
| ROORDA GC 15527 MONTANA-ET | USA 71013401 | | | | | | |
| ROORDA GC BABE 15540-ET | USA 71013414 | | | | | | |
| ROORDA GC BABY 15545-ET | USA 71013419 | | | | | | |
| ROORDA GC BANG 15539-ET | USA 71013413 | | | | | | |
| ROORDA GC BING 15537-ET | USA 71013411 | | | | | | |
| ROORDA GC BRITNEY 15547-ET | USA 71013421 | | | | | | |
| ROORDA GOLDWYN 6608-ET | USA 62828733 | | | | | | 1 |
| ROORDA GOLDWYN 6804-ET | USA 65415703 | | | | | | |
| ROORDA GOLDWYN 6806-ET | USA 65415705 | | | | | | 1 |
| ROORDA GOLDWYN 6808-ET | USA 65415707 | | | | | | 1 |
| ROORDA HEAD MIONA 15792-ET | USA 71013666 | | | | | | |
| ROORDA HI MEAL 15711-ET | USA 71013585 | | | | | | |
| ROORDA HI MELANY 15708-ET | USA 71013582 | | | | | | |
| ROORDA HI MELINDA 15702-ET | USA 71013576 | | | | | | |
| ROORDA IOTA DROITA 15415-ET | USA 70338920 | | | | | | |
| ROORDA LATH 15481 DARDAR-ET | USA 70338986 | | | | | | 1 |
| ROORDA LITH MARY 15812-ET | USA 71013686 | | | | | | |
| ROORDA LITHIUM MIA 15787-ET | USA 71013661 | | | | | | |
| ROORDA MAN-O-MAN 15401-ET | USA 70338906 | | | | | | |
| ROORDA MAY AIR 15835-ET | USA 71013709 | | | C | | | |
| ROORDA MAY AIR 15842-ET | USA 71013716 | | | C | | | |
| ROORDA MAY DORIS 15829-ET | USA 71013703 | | | | | | 3 |
| ROORDA MAY MAID 15779-ET | USA 71013653 | | | | | | |
| ROORDA MAY MARG 15824-ET | USA 71013698 | | | C | | | 3 |
| ROORDA MAY MCBABY 15866-ET | USA 71013740 | | | C | | | |
| ROORDA MAY MCFLY 15858-ET | USA 71013732 | | | | | | |
| ROORDA MAY MCMIRNA 15853-ET | USA 71013727 | | | C | | | |
| ROORDA MAY MCMONEY 15864-ET | USA 71013738 | | | C | | | |
| ROORDA MAY MEAB 15785-ET | USA 71013659 | | | | | | |
| ROORDA MAY MERCY 15860-ET | USA 71013734 | | | C | | C | |
| ROORDA MAY MIA 15782-ET | USA 71013656 | | | | | | |
| ROORDA MAY MYCALA 15818-ET | USA 71013692 | | | | | | |
| ROORDA MAYDAY 15856-ET | USA 71013730 | | | C | | C | |
| ROORDA MCCUT DANCE 15904-ET | USA 71013778 | | | | | | |
| ROORDA MCCUT DANNY 15902-ET | USA 71013776 | | | | | | |
| ROORDA MCCUT MAYLI 15915-ET | USA 71013789 | | | | | | |
| ROORDA MCCUT MOANA 15909-ET | USA 71013783 | | | | | C | |
| ROORDA MCCUT MOOD 15907-ET | USA 71013781 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROORDA MO MARILYN 15735-ET | USA 71013609 | | | | | | |
| ROORDA MO MIRIAM 15723-ET | USA 71013597 | | | | | | |
| ROORDA MOGUL ANNI 15804-ET | USA 71013678 | | | | | | |
| ROORDA MOGUL DARBY 15796-ET | USA 71013670 | | | | | | 3 |
| ROORDA MOGUL MANNA 15739-ET | USA 71013613 | | | | | C | |
| ROORDA MOGUL MARY 15722-ET | USA 71013596 | | | | | | |
| ROORDA MOGUL MIRA 15734-ET | USA 71013608 | | | | | | |
| ROORDA MOGUL MIRRY 15817-ET | USA 71013691 | | | | | | 3 |
| ROORDA MOGUL MKYLA 15731-ET | USA 71013605 | | | | | C | |
| ROORDA OB MAKKI 14700-ET | USA 70709285 | | | | | | |
| ROORDA OB MCKENZIE 15267-ET | USA 70338772 | | | | | C | |
| ROORDA OB MIRANA 15262-ET | USA 70338767 | | | | | | |
| ROORDA OB MIRCELA 15265-ET | USA 70338770 | | | | | C | |
| ROORDA OB MIRELL 15269-ETS | USA 70338774 | | | | | | |
| ROORDA OB MIRELLA 15270-ETS | USA 70338775 | | | | | | |
| ROORDA OB MIRIAM 15381-ET | USA 70338886 | | | | | | |
| ROORDA OBSVR MAJIC 15272-ET | USA 70338777 | | | | | C | |
| ROORDA PET DABBLE 15886-ET | USA 71013760 | | | | | | |
| ROORDA PET MIRAGE 16007 | USA 72709490 | | | | | | |
| ROORDA PETRONE AIR 15857-ET | USA 71013731 | | | | | | |
| ROORDA PETRONE AIR15852-ET | USA 71013726 | | | | | | |
| ROORDA PETRONE AMY 15861-ET | USA 71013735 | | | | | | |
| ROORDA PETRONE ANN 15863-ET | USA 71013737 | | | | | | |
| ROORDA RACER 8738 | USA 74118032 | | | | | | |
| ROORDA ROBST DROID 15400-ET | USA 70338905 | | | | | | |
| ROORDA ROBST ESTER 14736-ET | USA 70709321 | | | | | | |
| ROORDA SHOTTLE 6798-ET | USA 65415697 | | | | | | |
| ROORDA SHOTTLE 6802-ET | USA 65415701 | | | | | C | |
| ROORDA SHOTTLE 6803-ET | USA 65415702 | | | | | | |
| ROORDA SHOTTLE 6809-ET | USA 65415708 | | | | | C | |
| ROORDA SHOTTLE 6811-ET | USA 65415710 | | | | | | |
| ROORDA SHOTTLE 6824-ET | USA 65415723 | | | | | | |
| ROORDA SNOW DOG 15851-ET | USA 71013725 | | | | | | |
| ROORDA SNOW MAG 15825-ET | USA 71013699 | | | | | | |
| ROORDA SNOW MITTEN 15836-ET | USA 71013710 | | | | | | |
| ROORDA SR 15457 DYNOMITE-ET | USA 70338962 | | | | | | |
| ROORDA SR 15465 DIAMOND-ET | USA 70338970 | | | | | | |
| ROORDA SR 15470 DYNAMIC-ET | USA 70338975 | | | | | | |
| ROORDA SROCK 15460 AWARD-ET | USA 70338965 | | | | | | |
| ROORDA SROCK MELINDA 15632 | USA 71013506 | | | | | | 1 |
| ROORDA SS DABBLE 15879-ET | USA 71013753 | | | | | | |
| ROORDA SS DYNAMIC 15876-ET | USA 71013750 | | | | | | 3 |
| ROORDA SS MANDY 15885-ET | USA 71013759 | | | | | | |
| ROORDA SS MANDY 19095-ET | USA 72316638 | | | | | | |
| ROORDA SS MCCARI 15884-ET | USA 71013758 | | | | | C | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROORDA SS MCJONI 15887-ET | USA 71013761 | | | | | C | |
| ROORDA SS MCKENZ 15865-ET | USA 71013739 | | | | | C | |
| ROORDA SS MERRITT 15889-ET | USA 71013763 | | | | | | |
| ROORDA SS MERRY15878-ET | USA 71013752 | | | | | | |
| ROORDA SS MINOW 15881-ET | USA 71013755 | | | | | | |
| ROORDA SS MIRCELA 15882-ET | USA 71013756 | | | | | | |
| ROORDA SS MIRELLA 15877-ET | USA 71013751 | | | | | | |
| ROORDA SS MIRROR 15880-ET | USA 71013754 | | | | | | |
| ROORDA SUPER 15264-ET | USA 70338769 | | | | | | |
| ROORDA SUPER DROOP 15869-ET | USA 71013743 | | | | | | |
| ROORDA SUPER EDEN | USA 68814856 | | | | | | |
| ROORDA SUPER MARGE 15872-ET | USA 71013746 | | | | | | |
| ROORDA SUPER MARY 15871-ET | USA 71013745 | | | | | | |
| ROORDA SUPER MIA 15874-ET | USA 71013748 | | | | | | |
| ROORDA TOYSTORY 6792-ET | USA 65415691 | | | | | | |
| ROORDA TOYSTORY 6794-ET | USA 65415693 | | | | | | |
| ROORDA TOYSTORY 6800-ET | USA 65415699 | | | | | | |
| ROORDA UNO DABBLE 15788-ET | USA 71013662 | | | | | | |
| ROORDA UNO MADDIE 15741-ET | USA 71013615 | | | | | | |
| ROORDA UNO MARI 15733-ET | USA 71013607 | | | | | | |
| ROORDA UNO MARI 18588-ET | USA 71705005 | | | | | | |
| ROORDA UNO MARIS 15720-ET | USA 71013594 | | | | | | |
| ROORDA UNO MARY 15724-ET | USA 71013598 | | | | | | |
| ROORDA UNO MATTIE 15738-ET | USA 71013612 | | | | | | |
| ROORDA UNO MC CARI 15927-ET | USA 71013801 | | | | | C | |
| ROORDA UNO MCMARY 15838-ET | USA 71013712 | | | | | C | |
| ROORDA UNO MCMARY 15844-ET | USA 71013718 | | | | | C | |
| ROORDA UNO MEAGAN 15726-ET | USA 71013600 | | | | | | |
| ROORDA UNO MEGAN 15839-ET | USA 71013713 | | | | | | |
| ROORDA UNO MERRITT 15728-ET | USA 71013602 | | | | | | |
| ROORDA UNO MERRY 15740-ET | USA 71013614 | | | | | | |
| ROORDA UNO MICKY 15834-ET | USA 71013708 | | | | | C | |
| ROORDA UNO MITTEN 15830-ET | USA 71013704 | | | | | | |
| ROORDA UNO MOLLIE 15849-ET | USA 71013723 | | | | | C | |
| ROORDA UNO MONEY 15845-ET | USA 71013719 | | | | | C | |
| ROORDA UNO MONTANA 15832-ET | USA 71013706 | | | | | | |
| ROOSTERRIDGE DESTNSYDNEY-ET | USA 73318640 | | | | | | |
| ROOSTERRIDGE DESTNSYLVYA-ET | USA 73318641 | | | | | | |
| ROOSTERRIDGE DSTNSYNDILU-ET | USA 73459372 | | | | | | |
| ROOSTERRIDGE FLYNSPARKLE-ET | USA 73950782 | | | | | | |
| ROOSTERRIDGE JOSUPER JAZZY | USA 73629607 | | | | | | |
| ROOSTERRIDGE PONDER FLOWER | USA 74694328 | | | | | | |
| ROOSTERRIDGE SUPERKITTY | USA 73950783 | | | | | | |
| ROPIES ALEXANDER BEACH-ET | USA 70692153 | | | | | | 3 |
| ROPIES DETROIT BREE-ET | USA 72244048 | | | | | | 3 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROPIES GABOR BARBIE-ET | USA 74315680 | | C | | | | |
| ROPIES GOLDWYN BARB-ET | USA 71431558 | | C | | | | 3 |
| ROPIES GOLDWYN BRONZE-ET | USA 71932580 | | | | | | 3 |
| ROPIES GOLDWYN FLASH-ET | USA 70412639 | | | | | | |
| ROPIES HILL BEAUTY | USA 72478673 | | | | | | |
| ROPIES HILL BONNIE-ET | USA 71932579 | | | | | | |
| ROPIES SANCHEZ BRAVE-ET | USA 73431401 | | | | | | |
| ROPIES SHOTTLE BERRY-ET | USA 70412644 | | C | | | C | |
| ROPIES SHOTTLE BRONZE-ET | USA 70412643 | | C | | | | |
| ROPIES WHITEFACE ROSE | USA 72478672 | | | | | | |
| ROPIES WHITEFACE SANDY | USA 72478669 | | | | | | |
| ROPUT G W ATWOOD KOLIE | USA 70290009 | | | | | | |
| ROPUT GOLDWYN MARQUEE | USA 64629776 | | | | | | |
| ROPUT GOLDWYN NIKKI-ET | USA 66769435 | | | | | | |
| ROS-LOR GUTHRIE HERO | USA 141956293 | | | | | | |
| ROS-LOR SHAMROCK SAHARA | USA 142911789 | | | | | | |
| ROS-SUE-KLE KRIMP | USA 71446430 | | | | | | 1 |
| ROS-SUE-KLE LADY-RED | USA 71446410 | | | | | | 1 |
| ROS-SUE-KLE LILAC | USA 69867612 | | | | | | 1 |
| ROS-SUE-KLE WHEAT | USA 55913895 | | | | | | |
| ROSA-MYST DEFIANT MORENA | 840003132388973 | | | | | | |
| ROSABLE CHAMPION BECHNUT-ET | USA 135876543 | | | | | | |
| ROSAHOFF HILL VIVA | USA 56272288 | | | | | | |
| ROSAHOFF ICEMAN HELEN | USA 58604441 | | | | | | |
| ROSAHOFF SHAMPOO DAISY | USA 56272270 | | | | | | |
| ROSAHOFF WILTON HAYDEN | USA 58604437 | | | | | | |
| ROSATRES FORBIDDEN 515 | USA 62261527 | | | | | | |
| ROSBURG AFTERSHOCK R159 | USA 66522140 | | | | | | |
| ROSBURG AFTERSHOCK R163 | USA 66522144 | | | | | | |
| ROSBURG ATLANTIC R181 | USA 69758101 | | | | | | |
| ROSBURG AUSTIN R186 | USA 69758106 | | | | | | |
| ROSBURG AUSTIN R188 | USA 69758108 | | | | | | |
| ROSBURG AUSTIN R194 | USA 70927470 | | | | | | |
| ROSBURG BOLTON R144 | USA 66522125 | | | | | | |
| ROSBURG BOWSER R198 | USA 70927474 | C | | | | | |
| ROSBURG BOXER R164 | USA 69758084 | | | | | | |
| ROSBURG BOXER R167 | USA 69758087 | | | | | | |
| ROSBURG BOXER R191 | USA 70927467 | | | | | | |
| ROSBURG BRETT R197 | USA 70927473 | | | | | | |
| ROSBURG CAILO R165 | USA 69758085 | | | | | | |
| ROSBURG DEAN R208 | USA 70927484 | | | | | | |
| ROSBURG DENALI R177 | USA 69758097 | | | | | | 3 |
| ROSBURG DENALI R178-TW | USA 69758098 | | | | | | 3 |
| ROSBURG DENALI R179-TW | USA 69758099 | | | | | | 3 |
| ROSBURG DENALI R199 | USA 70927475 | | C | | | | 3 |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSBURG DICKEY R187 | USA 69758107 | | | | | | |
| ROSBURG DICKEY R190 | USA 70927466 | | | | | | |
| ROSBURG DOMAIN R202 | USA 70927478 | | | | | | |
| ROSBURG GARRISON SHE R139 | USA 63393912 | | | | | | |
| ROSBURG GODFREY R150 | USA 66522131 | | | | | | |
| ROSBURG LARGE R205 | USA 70927481 | | | | | | |
| ROSBURG LARGE R206 | USA 70927482 | | | | | | |
| ROSBURG MACHINIST R172 | USA 69758092 | | | | | | |
| ROSBURG MTOTO DEBBIE-ET | USA 73257813 | | | | | | |
| ROSBURG O MAN DESTANY R88 | USA 61191877 | | | | | | |
| ROSBURG ONWARD R185 | USA 69758105 | | | | | | |
| ROSBURG PALERMO R182 | USA 69758102 | | | | | | |
| ROSBURG PALERMO R193 | USA 70927469 | | | | | | 3 |
| ROSBURG PALERMO R200 | USA 70927476 | | | | | | |
| ROSBURG PATRIOT R157 | USA 66522138 | | C | | | | |
| ROSBURG ROY CHRISTAL R92 | USA 61191881 | | | | | | |
| ROSBURG SHERAC R192 | USA 70927468 | | | | | | |
| ROSBURG SOTO R184 | USA 69758104 | | | | | | |
| ROSBURG SPEARMINT R173 | USA 69758093 | | | | | C | |
| ROSBURG SUPERSIRE 378 | USA 71365269 | | | | | | |
| ROSBURG TRUMP R195 | USA 70927471 | | | | | | |
| ROSE-BROOK HERSHEL KATEY | USA 135052990 | | | | | | |
| ROSE-BROOK MITEY P TIGER | USA 141467287 | | | | | | |
| ROSE-BROOK SS TIPPSY | 840003001264244 | | | | | | |
| ROSE-E-RAIN JRDN LINDALU-ET | USA 70088262 | | | | | | |
| ROSE-E-RAIN MAGNA P GLIMMER | USA 71743157 | | | | | | |
| ROSE-E-RAIN SCENC P GAGA-ET | USA 74147107 | | | | | | |
| ROSE-E-RAIN SCNCE P GIGI-ET | USA 74147110 | | | | | | |
| ROSE-E-VUE JORDAN HARGA-RED | USA 61208817 | C | | | | | |
| ROSE-E-VUE SPY REAL | USA 61208843 | | | | | | |
| ROSE-LYN SHOTTLE CANDY-ET | USA 138767266 | | | | | | |
| ROSE-RYANS LIESL LOLA | USA 70914243 | | | | | | |
| ROSE-RYANS SEPT STORM LEXUS | USA 66657605 | | | | | | |
| ROSE-VUE AFTRSHOCK MINDY-ET | USA 141551023 | | | | | C | 1 |
| ROSE-VUE ATWOOD APRIL-ET | USA 142487145 | | | | | | 1 |
| ROSE-VUE MULAN REBECCA | USA 140698800 | | | | | | |
| ROSE-VUE TALENT FANTASTIC | USA 139316632 | | | | | | 1 |
| ROSEANE 140-ET | DEU 349803649 | | | | | | |
| ROSEDALE AWESOME GEM-ET | USA 140244261 | | | | | | |
| ROSEDALE BACK TO CLASS | USA 71580642 | | | | | | |
| ROSEDALE BAFFLE ME-RED-ET | 840003130798682 | | | | | | |
| ROSEDALE BIG DRAMA-ET | USA 140006098 | | | | | C | |
| ROSEDALE DARLINGROSE-RED-ET | USA 72364690 | | | | | | 1 |
| ROSEDALE DRIVEN BY SUCCESS | USA 70890873 | | | | | | |
| ROSEDALE DROUGHT RELIEF-ET | USA 71580643 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSEDALE FANCYPANTS D HONEY | USA 69264073 | | | | | | 3 |
| ROSEDALE GOLDEN GIRL-ET | USA 139999738 | | | | | | |
| ROSEDALE HP R-L LADY-RED-ET | USA 141046165 | | | | | | |
| ROSEDALE ISNT SHE CLEVER-ET | USA 71580664 | | | | | | |
| ROSEDALE ISNTSHELOVEABLE-ET | USA 71580666 | | C | | | | 1 |
| ROSEDALE LUCKY LADY-ET | USA 72364691 | | | | | | |
| ROSEDALE LUCKY-ROSE-RED | USA 70890883 | | | | | | |
| ROSEDALE NARLY-ROSE-RED-ET | USA 140048306 | | | | | | |
| ROSEDALE PREDICTION-ET | USA 139154658 | | | | | | |
| ROSEDALE RAPID REDUX-RED | USA 70891910 | | | | | | |
| ROSEDALE RESPECT-RED | USA 137028795 | | | | | | |
| ROSEDALE SHES PHONOMENAL-ET | USA 70890869 | | | | | | |
| ROSEDALE SKY DIVA-RED-ET | USA 139649419 | | | | | | 3 |
| ROSEDALE SMOKIN HOT-RED | 840003130798687 | | | | | | 3 |
| ROSEDALE SOUGHT AFTER | USA 70890867 | | | | | C | |
| ROSEDALE TURN MEIN-RED-ET | USA 71580670 | | | | | | 1 |
| ROSEDALE WIL TAKECHARGE-ET | USA 72364697 | | | | | | |
| ROSEDALE WITHDISTINCTION-ET | USA 140032358 | | | | | C | |
| ROSEHAVEN BOOKEM 2393-ET | USA 70299277 | | | | | | |
| ROSEHAVEN BOOKEM 2395-ET | USA 70299279 | | | | | | |
| ROSEHAVEN BOOKEM 2399-ET | USA 70299283 | | | | | | |
| ROSELAND SOVEREIGN 4605-TW | USA 142562640 | | | | | | 3 |
| ROSELAND SOVEREIGN 4606-TW | USA 142562659 | | | | | | 3 |
| ROSELUND-VIEW CHAMP KALLIE | USA 55589962 | C | | | | | |
| ROSELUND-VIEW MOTTO EDNA | USA 56478372 | | | | | C | |
| ROSELUND-VIEW SANCHEZ INNA | USA 55589963 | | | | | | |
| ROSELUND-VIEW SIDNEY MINKO | USA 56478686 | | | | | | |
| ROSELUND-VIEW SUPER MAYLY | USA 55589971 | | | | | | |
| ROSENHOLM ROLAND BLANKET | USA 73724030 | | | | | | |
| ROSENHOLM SHAMROCK ODESSA | USA 73723987 | C | | | | | |
| ROSEVIEW-MN ADAMARIS CRI-ET | USA 71452088 | | | | | | |
| ROSEVIEW-MN ADVENT MARIA | USA 55622871 | | | | | | |
| ROSEVIEW-MN ALEXIS CRI-ET | USA 71451980 | | | | | | 1 |
| ROSEVIEW-MN ALIZA CRI-ET | USA 71451983 | | | | | | |
| ROSEVIEW-MN ECYN ADA CRI-ET | USA 71452092 | | | | | | |
| ROSEVIEW-MN LUNCH FALYN | USA 52310332 | | | | | | |
| ROSEVIEW-MN ONWARD KIT | USA 55622741 | | | | | | |
| ROSEVIEW-MN TOYSTORY NASCAR | USA 52891791 | | | | | | |
| ROSIERS BLEXY GOLDWYN-ET | CAN 106117534 | | | | | | 1 |
| ROSLEN ARMANI FAWNDU | 840003014626083 | | | | | | |
| ROSLEN FARMS AFTERSHOK JAN | 840003014626096 | | | | | C | |
| ROSLEN FARMS ATWOOD LUCY | 840003014626085 | | | | | | |
| ROSLEN FARMS MUNUGGETS PECK | 840003014626100 | | | | | | |
| ROSLEN FRM REALITY FAWN-RED | 840003010518920 | | | | | | |
| ROSSDALE ADV T12542-RED-ET | USA 69517878 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSSDALE IOTA R13329-ET | USA 70609203 | | | | | | |
| ROSSDALE PRONTO RUBY | USA 139713998 | | | | | | |
| ROSSDALE RAMOS RAMIE-ET | USA 139766987 | | | | | | |
| ROSSDALE SHF ALEX RACEY-ET | USA 66758162 | | | | | | 1 |
| ROSSDALE SHF ALEX RALLY-ET | USA 66758183 | | | | | | |
| ROSSDALE SHF ALEX REBA-ET | USA 66758165 | | | | | | |
| ROSSDALE SHF ALEX REIGN-ET | USA 66758163 | | | | | | 1 |
| ROSSDALE SHF ALEX REYNA-ET | USA 66758182 | | | | | | 1 |
| ROSSDALE SHF ALEX RUTH-ET | USA 66758166 | | | | | | |
| ROSSDALE SHF ARM R13506-ET | USA 70609380 | | | | | | 1 |
| ROSSDALE SHF CM R14272 | USA 71631485 | | | | | | |
| ROSSDALE SHF DYN R13471-ET | USA 70609345 | | | | | | |
| ROSSDALE SHF FREDDIE R13239 | USA 70609113 | | | | | | |
| ROSSDALE SHF FREDDIE R13360 | USA 70609234 | | | | | | |
| ROSSDALE SHF IOTA R13004-ET | USA 70608878 | | | | | | |
| ROSSDALE SHF IOTA R13005-ET | USA 70608879 | | | | | | |
| ROSSDALE SHF IOTA R13015-ET | USA 70608889 | | | | | | |
| ROSSDALE SHF IOTA R13325-ET | USA 70609199 | | | | | | |
| ROSSDALE SHF IOTA R13327-ET | USA 70609201 | | | | | | |
| ROSSDALE SHF IOTA R13330-ET | USA 70609204 | | | | | | |
| ROSSDALE SHF IOTA R13332-ET | USA 70609206 | | | | | | 1 |
| ROSSDALE SHF IOTA R13334-ET | USA 70609208 | | | | | | |
| ROSSDALE SHF JIVS R13168-ET | USA 70609042 | | | | | | |
| ROSSDALE WILDMAN RECHES | USA 66777781 | | | | | | |
| ROSY-LANE ANTRIM 5953 | USA 72146631 | | | | | | |
| ROSY-LANE CABRIOLET 7242 | USA 72146920 | | C | C | | | |
| ROSY-LANE CABRIOLET 7894 | 840003126311549 | | | | | | |
| ROSY-LANE CABRIOLET 7910 | 840003126311565 | | | | | | |
| ROSY-LANE DENIM 5584 | USA 70273996 | | | | | | |
| ROSY-LANE FREDDIE 7407 | USA 72147085 | | | | | | |
| ROSY-LANE HALOGEN 7683 | USA 72147361 | | | | | | |
| ROSY-LANE JIVES 5131 | USA 69830829 | | | | | | |
| ROSY-LANE JIVES 5530 | USA 70273942 | | | | | | |
| ROSY-LANE JIVES 5531 | USA 70273943 | | | | | | |
| ROSY-LANE JIVES 5826 | USA 72146504 | | C | | | | |
| ROSY-LANE LAURENS TRUTHFUL | USA 69830562 | | | | | C | |
| ROSY-LANE LLC ARMITAGE 5475 | USA 70273887 | | | | | | |
| ROSY-LANE LLC TREASURE 5220 | USA 69830918 | | | | | | |
| ROSY-LANE MAURICE 5867 | USA 72146545 | C | | | | | |
| ROSY-LANE MAURICE 5996 | USA 72146674 | | | | | | |
| ROSY-LANE MILLION 4376 | USA 68601451 | | C | C | | | |
| ROSY-LANE MOGUL TONI-ET | 840003131666432 | | | | | C | |
| ROSY-LANE MOGUL TROUBLE-ET | 840003131666436 | | | | | | |
| ROSY-LANE MONARCH 7377 | USA 72147055 | C | | | | | |
| ROSY-LANE NOMINEE 7585 | USA 72147263 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSY-LANE PERRY 5640 | USA 70274052 | | | | | | |
| ROSY-LANE PETRONE 5728-TW | USA 70274140 | | | | | | |
| ROSY-LANE PETRONE 5729-TW | USA 70274141 | | | | | | |
| ROSY-LANE PETRONE 7150 | USA 72146828 | | | | | C | |
| ROSY-LANE PREDESTIN 7397 | USA 72147075 | | | | | | 3 |
| ROSY-LANE PREDESTINE 7394 | USA 72147072 | | | | | | |
| ROSY-LANE RAMOS 4166 | USA 65895670 | | | C | | | |
| ROSY-LANE RODGERS 7780 | 840003126311435 | C | | | | | |
| ROSY-LANE SOTO 4946 | USA 69830644 | | | | | | |
| ROSY-LANE TRUTH BE TOLD-ET | 840003131666435 | | | | | C | |
| ROSY-LANE TRUTH OR DARE-ET | 840003131666425 | | | | | | |
| ROSY-LANE WISEMAN 7490 | USA 72147168 | | | | | | |
| ROSY-LANE WISEMAN TAYLOR-TW | 840003013614092 | | | | | | |
| ROSY-LANE WISEMAN TIZZLE-TW | 840003013614093 | | | | | | |
| ROSYBROOK SHOTTLES SPOOKY | USA 142155378 | | | | | | |
| ROSYLANE-LLC 1480 7314 | USA 72146992 | | | | | | |
| ROSYLANE-LLC 4MOST 5874 | USA 72146552 | | | | | | |
| ROSYLANE-LLC 7175 | USA 72146853 | | | | | | |
| ROSYLANE-LLC 7201 | USA 72146879 | | | C | | | |
| ROSYLANE-LLC 7356 | USA 72147034 | | | | | | |
| ROSYLANE-LLC 7360 | USA 72147038 | | | | | | |
| ROSYLANE-LLC AIRNET 5404 | USA 70273816 | | | C | | | |
| ROSYLANE-LLC AIRNET 5446 | USA 70273858 | | | | | | |
| ROSYLANE-LLC ALRIGHT 7421 | USA 72147099 | | | | | | |
| ROSYLANE-LLC ALRIGHT 7431 | USA 72147109 | C | | | | | |
| ROSYLANE-LLC ALRIGHT 7444 | USA 72147122 | | | | | | |
| ROSYLANE-LLC ALRIGHT 7571 | USA 72147249 | | | | | C | |
| ROSYLANE-LLC ANTRIM 5940-TW | USA 72146618 | | | | | | |
| ROSYLANE-LLC ANTRIM 5941-TW | USA 72146619 | | | | | | |
| ROSYLANE-LLC ANTRIM 5945 | USA 72146623 | | | | | | |
| ROSYLANE-LLC ANTRIM 5947 | USA 72146625 | | | | | | |
| ROSYLANE-LLC ANTRIM 5948 | USA 72146626 | | | | | | |
| ROSYLANE-LLC ANTRIM 5960 | USA 72146638 | | | C | | | |
| ROSYLANE-LLC ANTRIM 5967 | USA 72146645 | | | | | | |
| ROSYLANE-LLC ANTRIM 5969 | USA 72146647 | | | | | | |
| ROSYLANE-LLC ANTRIM 5973 | USA 72146651 | | | | | | |
| ROSYLANE-LLC ANTRIM 5978 | USA 72146656 | | | | | | |
| ROSYLANE-LLC ANTRIM 7045 | USA 72146723 | | | | | | |
| ROSYLANE-LLC ARMANI 7472 | USA 72147150 | | | | | | |
| ROSYLANE-LLC ARMANI 7474-TW | USA 72147152 | | | | | | |
| ROSYLANE-LLC ARMANI 7475-TW | USA 72147153 | | | | | | |
| ROSYLANE-LLC ARMANI 7476 | USA 72147154 | | | | | | |
| ROSYLANE-LLC ARMANI 7479 | USA 72147157 | | | | | | |
| ROSYLANE-LLC ARMANI 7480 | USA 72147158 | | | | | | |
| ROSYLANE-LLC ARMANI 7484 | USA 72147162 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC ARMANI 7485 | USA 72147163 | | | | | | |
| ROSYLANE-LLC ARMANI 7487 | USA 72147165 | | | | | | |
| ROSYLANE-LLC ARMANI 7489 | USA 72147167 | | | | | | |
| ROSYLANE-LLC ARMANI 7491 | USA 72147169 | | | | | | |
| ROSYLANE-LLC ARMANI 7492 | USA 72147170 | | | | | | |
| ROSYLANE-LLC ARMANI 7493 | USA 72147171 | | | | | | |
| ROSYLANE-LLC ARMANI 7494 | USA 72147172 | | | | | | |
| ROSYLANE-LLC ARMANI 7499 | USA 72147177 | | | | | | |
| ROSYLANE-LLC ARMANI 7500 | USA 72147178 | | | | | | |
| ROSYLANE-LLC ARMANI 7501 | USA 72147179 | | | | | | |
| ROSYLANE-LLC ARMANI 7505 | USA 72147183 | | | | | | |
| ROSYLANE-LLC ARMANI 7507 | USA 72147185 | | | | | | |
| ROSYLANE-LLC ARMANI 7508 | USA 72147186 | | | | | | |
| ROSYLANE-LLC ARMANI 7513 | USA 72147191 | | | | | | |
| ROSYLANE-LLC ARMANI 7516 | USA 72147194 | | | | | | |
| ROSYLANE-LLC ARMANI 7517 | USA 72147195 | | | | | | |
| ROSYLANE-LLC ARMANI 7523 | USA 72147201 | | | | | | |
| ROSYLANE-LLC ARMANI 7529 | USA 72147207 | | | | | | |
| ROSYLANE-LLC ARMANI 7539 | USA 72147217 | | | | | | |
| ROSYLANE-LLC ARMANI 7543 | USA 72147221 | | | | | | |
| ROSYLANE-LLC ARMANI 7546 | USA 72147224 | | | | | | |
| ROSYLANE-LLC ARMANI 7548 | USA 72147226 | | | | | | |
| ROSYLANE-LLC ARMANI 7553 | USA 72147231 | | | | | | |
| ROSYLANE-LLC ARMANI 7555 | USA 72147233 | | | | | | |
| ROSYLANE-LLC ARMANI 7562 | USA 72147240 | | | | | | |
| ROSYLANE-LLC ARMANI 7570 | USA 72147248 | | | | | | |
| ROSYLANE-LLC ARMI 5532-TW | USA 70273944 | | | | | | |
| ROSYLANE-LLC ARMI 5533-TW | USA 70273945 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5382 | USA 70273794 | | C | | | C | |
| ROSYLANE-LLC ARMITAGE 5401 | USA 70273813 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5436 | USA 70273848 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5440 | USA 70273852 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5445 | USA 70273857 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5454 | USA 70273866 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5458 | USA 70273870 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5470 | USA 70273882 | | | C | | | |
| ROSYLANE-LLC ARMITAGE 5502 | USA 70273914 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5540 | USA 70273952 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5550 | USA 70273962 | | | | | | |
| ROSYLANE-LLC ARMITAGE 5578 | USA 70273990 | | | | | | |
| ROSYLANE-LLC ARMITAGE 7350 | USA 72147028 | | | | | | |
| ROSYLANE-LLC BALISTO 7309 | USA 72146987 | | | | | | |
| ROSYLANE-LLC BANFF 5765 | USA 72146443 | | | | | | |
| ROSYLANE-LLC BANFF 5830 | USA 72146508 | | | | | | |
| ROSYLANE-LLC BANFF 5877 | USA 72146555 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC BANFF 5880 | USA 72146558 | | | C | | | |
| ROSYLANE-LLC BANFF 5889 | USA 72146567 | | | | | | |
| ROSYLANE-LLC BANFF 5890 | USA 72146568 | | | C | | | |
| ROSYLANE-LLC BANFF 5895 | USA 72146573 | | | C | | | |
| ROSYLANE-LLC BANFF 5906 | USA 72146584 | | | | | | |
| ROSYLANE-LLC BARNEY 5939 | USA 72146617 | | | | | C | |
| ROSYLANE-LLC BARNEY 5942 | USA 72146620 | | | | | | |
| ROSYLANE-LLC BARNEY 5946 | USA 72146624 | | | | | | |
| ROSYLANE-LLC BARNEY 5956 | USA 72146634 | | | | | | |
| ROSYLANE-LLC BARNEY 5957 | USA 72146635 | | | | | | |
| ROSYLANE-LLC BARNEY 5958 | USA 72146636 | | | | | | |
| ROSYLANE-LLC BARNEY 5961 | USA 72146639 | | | | | | |
| ROSYLANE-LLC BARNEY 5972 | USA 72146650 | | | C | | | |
| ROSYLANE-LLC BARNEY 5977 | USA 72146655 | | | C | | | |
| ROSYLANE-LLC BARNEY 7001 | USA 72146679 | | | | | | |
| ROSYLANE-LLC BARNEY 7046 | USA 72146724 | | | | | | |
| ROSYLANE-LLC BARNEY 7093 | USA 72146771 | | | | | | |
| ROSYLANE-LLC BARNEY 7342 | USA 72147020 | | | | | | 3 |
| ROSYLANE-LLC BARNEY 7354 | USA 72147032 | | | | | | |
| ROSYLANE-LLC BARNEY 7357 | USA 72147035 | | | | | | |
| ROSYLANE-LLC BARNEY 7359 | USA 72147037 | | | | | | |
| ROSYLANE-LLC BARNEY 7370 | USA 72147048 | | | | | | |
| ROSYLANE-LLC BARNEY 7383 | USA 72147061 | | | | | | |
| ROSYLANE-LLC BARNEY 7393 | USA 72147071 | | | | | | |
| ROSYLANE-LLC BARNEY 7402 | USA 72147080 | | | | | | |
| ROSYLANE-LLC BARNEY 7403 | USA 72147081 | | | | | | |
| ROSYLANE-LLC BARNEY 7412 | USA 72147090 | | | | | | |
| ROSYLANE-LLC BARNEY 7446 | USA 72147124 | | | | | | |
| ROSYLANE-LLC BARNEY 7452 | USA 72147130 | | | C | | | |
| ROSYLANE-LLC BARNEY 7463 | USA 72147141 | | | | | | |
| ROSYLANE-LLC BARNEY 7511 | USA 72147189 | | | | | | |
| ROSYLANE-LLC BEACON 5279 | USA 70273691 | | | | | | |
| ROSYLANE-LLC BELUGA 7229 | USA 72146907 | | | | | | |
| ROSYLANE-LLC BELUGA 7232 | USA 72146910 | | | C | | | |
| ROSYLANE-LLC BELUGA 7239 | USA 72146917 | | | C | | | |
| ROSYLANE-LLC BELUGA 7244 | USA 72146922 | | | | | | |
| ROSYLANE-LLC BELUGA 7247 | USA 72146925 | | | | | | |
| ROSYLANE-LLC BELUGA 7265 | USA 72146943 | | | C | | | |
| ROSYLANE-LLC BELUGA 7275 | USA 72146953 | | | | | | |
| ROSYLANE-LLC BETTMAN 7825 | 840003126311480 | | | | | | |
| ROSYLANE-LLC BETTMAN 7861 | 840003126311516 | | | | | | |
| ROSYLANE-LLC BLISTO 7315-TW | USA 72146993 | | | | | | |
| ROSYLANE-LLC BLISTO 7316-TW | USA 72146994 | | | | | | |
| ROSYLANE-LLC BOASTFUL 8042 | 840003126311697 | | | | | | |
| ROSYLANE-LLC BOLIVER 4005 | USA 65895509 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC BOLIVER 4016 | USA 65895520 | | | C | | | |
| ROSYLANE-LLC BOLIVER 4074 | USA 65895578 | | | C | | | |
| ROSYLANE-LLC BOLIVER 4123 | USA 65895627 | | | C | | | |
| ROSYLANE-LLC BOLIVER 4170 | USA 65895674 | | | | | | |
| ROSYLANE-LLC BOLIVER 4179 | USA 65895683 | | | C | | | |
| ROSYLANE-LLC BOLIVER 4189 | USA 65895693 | | | | | | |
| ROSYLANE-LLC BOOKEM 5128 | USA 69830826 | | | | | | |
| ROSYLANE-LLC BOOKEM 5143 | USA 69830841 | | | | | | |
| ROSYLANE-LLC BOOKEM 5164 | USA 69830862 | | | | | | |
| ROSYLANE-LLC BOOKEM 5171 | USA 69830869 | | | | | | |
| ROSYLANE-LLC BOOKEM 5175 | USA 69830873 | | | | | | |
| ROSYLANE-LLC BOOKEM 5176 | USA 69830874 | | | | | | |
| ROSYLANE-LLC BOOKEM 5177 | USA 69830875 | | | C | | | |
| ROSYLANE-LLC BOOKEM 5181 | USA 69830879 | | | C | | | |
| ROSYLANE-LLC BOOKEM 5186 | USA 69830884 | | | | | | |
| ROSYLANE-LLC BOOKEM 5189-ET | USA 69830887 | | | | | | |
| ROSYLANE-LLC BOOKEM 5212 | USA 69830910 | | | | | | |
| ROSYLANE-LLC BOOKEM 5218 | USA 69830916 | | | | | | |
| ROSYLANE-LLC BOOKEM 5222 | USA 69830920 | | | | | | |
| ROSYLANE-LLC BOOKEM 5231 | USA 69830929 | | | | | | |
| ROSYLANE-LLC BOOKEM 5232-ET | USA 69830930 | | | | | | |
| ROSYLANE-LLC BOOKEM 5234 | USA 69830932 | | | | | | |
| ROSYLANE-LLC BOOKEM 5238 | USA 69830936 | | | | | | |
| ROSYLANE-LLC BOOKEM 5248 | USA 69830946 | | | | | | |
| ROSYLANE-LLC BOOKEM 5262 | USA 70273674 | | | | | | |
| ROSYLANE-LLC BOOKEM 5265 | USA 70273677 | | | | | | |
| ROSYLANE-LLC BOOKEM 5272 | USA 70273684 | | | | | C | |
| ROSYLANE-LLC BOOKEM 5274 | USA 70273686 | | | | | | |
| ROSYLANE-LLC BOOKEM 5286 | USA 70273698 | | | | | | |
| ROSYLANE-LLC BOOKEM 5300 | USA 70273712 | | | C | | | |
| ROSYLANE-LLC BOOKEM 5314-ET | USA 70273726 | | | | | | 1 |
| ROSYLANE-LLC BOOKEM 5316 | USA 70273728 | C | | | | | |
| ROSYLANE-LLC BOOKEM 5317 | USA 70273729 | | | | | | |
| ROSYLANE-LLC BOOKEM 5320 | USA 70273732 | | | | | | |
| ROSYLANE-LLC BOOKEM 5322 | USA 70273734 | | | | | | |
| ROSYLANE-LLC BOOKEM 5325 | USA 70273737 | | | | | | |
| ROSYLANE-LLC BOOKEM 5329 | USA 70273741 | | | | | | |
| ROSYLANE-LLC BOOKEM 5340 | USA 70273752 | | | | | | |
| ROSYLANE-LLC BOOKEM 5343 | USA 70273755 | | | | | | |
| ROSYLANE-LLC BOOKEM 5375 | USA 70273787 | | | C | | | |
| ROSYLANE-LLC BOOKEM 5385 | USA 70273797 | | | | | | |
| ROSYLANE-LLC BOOKEM 5395 | USA 70273807 | | | | | | |
| ROSYLANE-LLC BOOKEM 5396 | USA 70273808 | | | | | | |
| ROSYLANE-LLC BOOKEM 5411 | USA 70273823 | | | | | C | |
| ROSYLANE-LLC BOOKEM 5427 | USA 70273839 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC BOOKEM 5460 | USA 70273872 | | | | | | |
| ROSYLANE-LLC BOOKEM 5467 | USA 70273879 | | | | | | |
| ROSYLANE-LLC BOOKEM 5468 | USA 70273880 | | | | | | |
| ROSYLANE-LLC BOOKEM 5476 | USA 70273888 | | | | | | |
| ROSYLANE-LLC BOOKEM 5486 | USA 70273898 | | | | | | |
| ROSYLANE-LLC BOOKEM 5488 | USA 70273900 | | | | | | |
| ROSYLANE-LLC BOOKEM 5495 | USA 70273907 | | | C | | | |
| ROSYLANE-LLC BOOKEM 5541-TW | USA 70273953 | | | | | | |
| ROSYLANE-LLC BOOKEM 5542-TW | USA 70273954 | | | | | | |
| ROSYLANE-LLC BOWDEN 5881 | USA 72146559 | | | | | | |
| ROSYLANE-LLC BOWDEN 7221 | USA 72146899 | | | | | C | |
| ROSYLANE-LLC BOWSER 4944 | USA 69830642 | | | | | | |
| ROSYLANE-LLC BOWSER 4985 | USA 69830683 | | | | | | |
| ROSYLANE-LLC BOWSER 5005 | USA 69830703 | | | | | | 3 |
| ROSYLANE-LLC BOWSER 5018-ET | USA 69830716 | | | C | | | |
| ROSYLANE-LLC BOWSER 5033 | USA 69830731 | | | | | | |
| ROSYLANE-LLC BOWSER 5108 | USA 69830806 | | | | | | |
| ROSYLANE-LLC BOWSER 5135-TW | USA 69830833 | | | | | | |
| ROSYLANE-LLC BOWSER 5136-TW | USA 69830834 | | | C | | | |
| ROSYLANE-LLC BOWSER 5146 | USA 69830844 | | | C | | | |
| ROSYLANE-LLC BOWSER 5153 | USA 69830851 | | | C | | | |
| ROSYLANE-LLC BOWSER 5157 | USA 69830855 | | | | | | |
| ROSYLANE-LLC BOWSER 5161 | USA 69830859 | | | | | | |
| ROSYLANE-LLC BOWSER 5172 | USA 69830870 | | | | | | |
| ROSYLANE-LLC BOWSER 5180 | USA 69830878 | | | | | | |
| ROSYLANE-LLC BOWSER 5192-TW | USA 69830890 | | | | | | |
| ROSYLANE-LLC BOWSER 5201 | USA 69830899 | | | | | | |
| ROSYLANE-LLC BOWSER 5206 | USA 69830904 | | | C | | | |
| ROSYLANE-LLC BOWSER 5224 | USA 69830922 | | | | | | |
| ROSYLANE-LLC BOWSER 5227 | USA 69830925 | | | | | | |
| ROSYLANE-LLC BOWSER 5230 | USA 69830928 | | | | | | |
| ROSYLANE-LLC BOWSER 5380-TW | USA 70273792 | | | | | | |
| ROSYLANE-LLC BOWSER 5381-TW | USA 70273793 | | | | | | |
| ROSYLANE-LLC BOWSER 5391 | USA 70273803 | | | | | | |
| ROSYLANE-LLC BOWSER 5412 | USA 70273824 | | | C | | | |
| ROSYLANE-LLC BOWSER 5437 | USA 70273849 | | | | | | |
| ROSYLANE-LLC BOWSER 5456 | USA 70273868 | | | | | | |
| ROSYLANE-LLC BOWSER 5483 | USA 70273895 | | | | | | |
| ROSYLANE-LLC BOWSER 5504 | USA 70273916 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7176 | USA 72146854 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7185 | USA 72146863 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7191 | USA 72146869 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7196 | USA 72146874 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7214 | USA 72146892 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7218 | USA 72146896 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC CABRIOLET 7219 | USA 72146897 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7223 | USA 72146901 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7226 | USA 72146904 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7231 | USA 72146909 | | | C | | | |
| ROSYLANE-LLC CABRIOLET 7235 | USA 72146913 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7248 | USA 72146926 | | | C | | | |
| ROSYLANE-LLC CABRIOLET 7249 | USA 72146927 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7251 | USA 72146929 | | | C | | | |
| ROSYLANE-LLC CABRIOLET 7253 | USA 72146931 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7254 | USA 72146932 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7262 | USA 72146940 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7268 | USA 72146946 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7822 | 840003126311477 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7828 | 840003126311483 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7833 | 840003126311488 | | | | | C | 1 |
| ROSYLANE-LLC CABRIOLET 7834 | 840003126311489 | | | C | | | |
| ROSYLANE-LLC CABRIOLET 7845 | 840003126311500 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7846 | 840003126311501 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7847 | 840003126311502 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7848 | 840003126311503 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7849 | 840003126311504 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7851 | 840003126311506 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7854 | 840003126311509 | | | C | | | |
| ROSYLANE-LLC CABRIOLET 7855 | 840003126311510 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7856 | 840003126311511 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7857 | 840003126311512 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7858 | 840003126311513 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7859 | 840003126311514 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7874 | 840003126311529 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7877 | 840003126311532 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7878 | 840003126311533 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7884 | 840003126311539 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7886 | 840003126311541 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7912 | 840003126311567 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7913 | 840003126311568 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7920 | 840003126311575 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7925 | 840003126311580 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7938 | 840003126311593 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7952 | 840003126311607 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7971 | 840003126311626 | | | | | | |
| ROSYLANE-LLC CABRIOLET 7989 | 840003126311644 | | | | | | |
| ROSYLANE-LLC CAIN 7690 | USA 72147368 | | | | | | 3 |
| ROSYLANE-LLC CAIN 7702 | USA 72147380 | | | | | | |
| ROSYLANE-LLC CAIN 7709 | USA 72147387 | | | | | | |
| ROSYLANE-LLC CAIN 7712 | USA 72147390 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC CAIN 7726 | USA 72147404 | | | | | | |
| ROSYLANE-LLC CAIN 7739 | USA 72147417 | | | | | | |
| ROSYLANE-LLC CALIBER 4888 | USA 69830586 | | | C | | | |
| ROSYLANE-LLC CALIBER 4891 | USA 69830589 | | | | | | |
| ROSYLANE-LLC CALIBER 4905 | USA 69830603 | | | | | | |
| ROSYLANE-LLC CARL 3589 | USA 64499427 | | | | | | |
| ROSYLANE-LLC CASCADE 5725 | USA 70274137 | | | | | | |
| ROSYLANE-LLC CASCADE 5732 | USA 70274144 | | | | | | |
| ROSYLANE-LLC CHAIRMAN 5099 | USA 69830797 | | | | | | 1 |
| ROSYLANE-LLC CHEVROL7693-TW | USA 72147371 | | | | | | |
| ROSYLANE-LLC CHEVROL7694-TW | USA 72147372 | | | | | | |
| ROSYLANE-LLC CHEVROL7797-TW | 840003126311452 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7621 | USA 72147299 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7635 | USA 72147313 | | | C | | | |
| ROSYLANE-LLC CHEVROLET 7672 | USA 72147350 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7685 | USA 72147363 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7710 | USA 72147388 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7747 | USA 72147425 | | | | | | |
| ROSYLANE-LLC CHEVROLET 7798 | 840003126311453 | | C | | | | |
| ROSYLANE-LLC CHEVROLET 7802 | 840003126311457 | | | C | | | |
| ROSYLANE-LLC CHEVROLET 7824 | 840003126311479 | | | | | | |
| ROSYLANE-LLC CHEVROT7796-TW | 840003126311451 | | | | | | |
| ROSYLANE-LLC COLT 5347-RED | USA 70273759 | | | | | | 1 |
| ROSYLANE-LLC COLT 5374 | USA 70273786 | | | C | | | |
| ROSYLANE-LLC COLT 5494-RED | USA 70273906 | | | | | | |
| ROSYLANE-LLC COLT 5559 | USA 70273971 | | | | | | |
| ROSYLANE-LLC CYPRUS 4981 | USA 69830679 | | | | | | |
| ROSYLANE-LLC CYPRUS 5001 | USA 69830699 | | | | | | |
| ROSYLANE-LLC CYPRUS 5041 | USA 69830739 | | | | | | |
| ROSYLANE-LLC CYPRUS 5086-TW | USA 69830784 | | | | | | |
| ROSYLANE-LLC DEAN 5803 | USA 72146481 | | | | | | |
| ROSYLANE-LLC DEAN 5813 | USA 72146491 | | | C | | | |
| ROSYLANE-LLC DEAN 5815 | USA 72146493 | | | | | | |
| ROSYLANE-LLC DEAN 5820 | USA 72146498 | | | | | | |
| ROSYLANE-LLC DEAN 5823 | USA 72146501 | | | | | | |
| ROSYLANE-LLC DEAN 5828 | USA 72146506 | | | | | | |
| ROSYLANE-LLC DEAN 5837 | USA 72146515 | | | | | | |
| ROSYLANE-LLC DEAN 5842 | USA 72146520 | | | | | | |
| ROSYLANE-LLC DEAN 5884 | USA 72146562 | | | | | | |
| ROSYLANE-LLC DEAN 5893 | USA 72146571 | | | | | | |
| ROSYLANE-LLC DEAN 5896 | USA 72146574 | | | | | C | |
| ROSYLANE-LLC DEAN 5982 | USA 72146660 | | | | | | |
| ROSYLANE-LLC DEAN 7013 | USA 72146691 | | | | | | |
| ROSYLANE-LLC DEAN 7631-TW | USA 72147309 | | | | | | |
| ROSYLANE-LLC DEAN 7632-TW | USA 72147310 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC DEAN 7643 | USA 72147321 | | | | | | |
| ROSYLANE-LLC DEAN 7650 | USA 72147328 | | | C | | | |
| ROSYLANE-LLC DEAN 7652 | USA 72147330 | | | | | | |
| ROSYLANE-LLC DEAN 7654 | USA 72147332 | | | C | | | |
| ROSYLANE-LLC DEAN 7689 | USA 72147367 | | | C | | | |
| ROSYLANE-LLC DEBUT 7269 | USA 72146947 | | | | | | |
| ROSYLANE-LLC DEBUT 7281 | USA 72146959 | | | | | | |
| ROSYLANE-LLC DEBUT 7283 | USA 72146961 | | | | | | |
| ROSYLANE-LLC DEBUT 7284 | USA 72146962 | | | | | C | |
| ROSYLANE-LLC DEBUT 7288 | USA 72146966 | | | | | | |
| ROSYLANE-LLC DEBUT 7292 | USA 72146970 | | | | | | |
| ROSYLANE-LLC DEBUT 7297 | USA 72146975 | | | | | | |
| ROSYLANE-LLC DEBUT 7306 | USA 72146984 | | | C | | | |
| ROSYLANE-LLC DEBUT 7313 | USA 72146991 | | | | | | |
| ROSYLANE-LLC DEBUT 7330 | USA 72147008 | | | | | | |
| ROSYLANE-LLC DEBUT 7399 | USA 72147077 | | | | | | |
| ROSYLANE-LLC DEFECTOR 7564 | USA 72147242 | | | | | | |
| ROSYLANE-LLC DELTA 10018-ET | 840003132555308 | | | | | | |
| ROSYLANE-LLC DELTA 10090-ET | 840003132555380 | | | | | | |
| ROSYLANE-LLC DELTA 10096-ET | 840003132555386 | | | | | | |
| ROSYLANE-LLC DELTA 10121 | 840003132555411 | | | | | | |
| ROSYLANE-LLC DELTA 10125-ET | 840003132555415 | | | | | | |
| ROSYLANE-LLC DELTA 10128 | 840003132555418 | | | | | | |
| ROSYLANE-LLC DELTA 10132 | 840003132555422 | | | | | | |
| ROSYLANE-LLC DELTA 10135 | 840003132555425 | | | | | | |
| ROSYLANE-LLC DELTA 10152 | 840003132555442 | | | | | | |
| ROSYLANE-LLC DELTA 10153 | 840003132555443 | | | | | | |
| ROSYLANE-LLC DELTA 10164 | 840003132555454 | | | | | | |
| ROSYLANE-LLC DELTA 10171 | 840003132555461 | | | | | | |
| ROSYLANE-LLC DELTA 10178 | 840003132555468 | | | | | | |
| ROSYLANE-LLC DELTA 10181 | 840003132555471 | | | | | | |
| ROSYLANE-LLC DELTA 10185 | 840003132555475 | | | | | | |
| ROSYLANE-LLC DELTA 10186 | 840003132555476 | | | | | | |
| ROSYLANE-LLC DELTA 10189 | 840003132555479 | | | | | | |
| ROSYLANE-LLC DELTA 10191 | 840003132555481 | | | | | | |
| ROSYLANE-LLC DELTA 10193 | 840003132555483 | | | | | | |
| ROSYLANE-LLC DELTA 10194 | 840003132555484 | | | | | | |
| ROSYLANE-LLC DELTA 10195 | 840003132555485 | | | | | | |
| ROSYLANE-LLC DELTA 10197 | 840003132555487 | | | | | | |
| ROSYLANE-LLC DELTA 10198 | 840003132555488 | | | | | | |
| ROSYLANE-LLC DELTA 10202 | 840003132555492 | | | | | | |
| ROSYLANE-LLC DELTA 10203 | 840003132555493 | | | | | | |
| ROSYLANE-LLC DELTA 10204 | 840003132555494 | | | | | | |
| ROSYLANE-LLC DELTA 10208 | 840003132555498 | | | | | | |
| ROSYLANE-LLC DELTA 10209 | 840003132555499 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC DELTA 10212 | 840003132555502 | | | | | | |
| ROSYLANE-LLC DELTA 10214 | 840003132555504 | | | | | | |
| ROSYLANE-LLC DELTA 10215 | 840003132555505 | | | | | | |
| ROSYLANE-LLC DELTA 10216 | 840003132555506 | | | | | | |
| ROSYLANE-LLC DELTA 10217 | 840003132555507 | | | | | | |
| ROSYLANE-LLC DELTA 10218 | 840003132555508 | | | | | | |
| ROSYLANE-LLC DELTA 10222 | 840003132555512 | | | | | | |
| ROSYLANE-LLC DELTA 10223 | 840003132555513 | | | C | | | |
| ROSYLANE-LLC DELTA 10224 | 840003132555514 | | | | | | |
| ROSYLANE-LLC DELTA 10228 | 840003132555518 | | | | | | |
| ROSYLANE-LLC DELTA 10233 | 840003132555523 | | | | | | |
| ROSYLANE-LLC DELTA 10234 | 840003132555524 | | | | | | |
| ROSYLANE-LLC DELTA 10235 | 840003132555525 | | | | | | |
| ROSYLANE-LLC DELTA 10240 | 840003132555530 | C | | | | | |
| ROSYLANE-LLC DELTA 10242 | 840003132555532 | | | | | | |
| ROSYLANE-LLC DELTA 10244 | 840003132555534 | | | | | | |
| ROSYLANE-LLC DELTA 10246 | 840003132555536 | | | | | | |
| ROSYLANE-LLC DELTA 10247 | 840003132555537 | | | | | | |
| ROSYLANE-LLC DELTA 10249 | 840003132555539 | | | | | | |
| ROSYLANE-LLC DELTA 7898 | 840003126311553 | | | | | | |
| ROSYLANE-LLC DELTA 7903 | 840003126311558 | | | | | | |
| ROSYLANE-LLC DELTA 7904 | 840003126311559 | | | | | | |
| ROSYLANE-LLC DELTA 7911 | 840003126311566 | | | | | | |
| ROSYLANE-LLC DELTA 7932 | 840003126311587 | | | | | | |
| ROSYLANE-LLC DELTA 7936 | 840003126311591 | | | | | C | |
| ROSYLANE-LLC DELTA 8009-ET | 840003126311664 | | | | | | |
| ROSYLANE-LLC DELTA 8047-ET | 840003126311702 | | | | | | |
| ROSYLANE-LLC DELTA 8049-ET | 840003126311704 | | | | | | |
| ROSYLANE-LLC DELTA 8060-ET | 840003126311715 | | | | | | |
| ROSYLANE-LLC DELTA 8074-ET | 840003126311729 | | | | | | |
| ROSYLANE-LLC DELTA 8126 | 840003126311781 | | | | | | |
| ROSYLANE-LLC DELTA 8170 | 840003126311825 | | | | | | |
| ROSYLANE-LLC DELTA 8181 | 840003126311836 | | | | | | |
| ROSYLANE-LLC DELTA 8186 | 840003126311841 | | | | | | |
| ROSYLANE-LLC DELTA 8196 | 840003126311851 | | | | | | |
| ROSYLANE-LLC DELTA 8215 | 840003126311870 | | | | | | |
| ROSYLANE-LLC DELTA 8216 | 840003126311871 | | | | | | |
| ROSYLANE-LLC DELTA 8224-TW | 840003126311879 | | | | | | |
| ROSYLANE-LLC DELTA 8225-TW | 840003126311880 | | | | | | |
| ROSYLANE-LLC DELTA 8244 | 840003126311899 | | | | | | |
| ROSYLANE-LLC DENIM 5393 | USA 70273805 | | | | | | |
| ROSYLANE-LLC DENIM 5405 | USA 70273817 | | | C | | | |
| ROSYLANE-LLC DENIM 5407 | USA 70273819 | | | | | | |
| ROSYLANE-LLC DENIM 5422 | USA 70273834 | | | | | | |
| ROSYLANE-LLC DENIM 5435 | USA 70273847 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC DENIM 5439 | USA 70273851 | | | | | | |
| ROSYLANE-LLC DENIM 5452 | USA 70273864 | | | | | | |
| ROSYLANE-LLC DENIM 5464 | USA 70273876 | | | | | | |
| ROSYLANE-LLC DENIM 5472 | USA 70273884 | | | | | | |
| ROSYLANE-LLC DENIM 5503 | USA 70273915 | | | | | | |
| ROSYLANE-LLC DENIM 5505 | USA 70273917 | | | | | | |
| ROSYLANE-LLC DENIM 5508 | USA 70273920 | | | | | | |
| ROSYLANE-LLC DENIM 5510 | USA 70273922 | | | | | | |
| ROSYLANE-LLC DENIM 5514 | USA 70273926 | | | C | | | 1 |
| ROSYLANE-LLC DENIM 5529 | USA 70273941 | | | | | | |
| ROSYLANE-LLC DENIM 5545 | USA 70273957 | | | | | | |
| ROSYLANE-LLC DENIM 5549 | USA 70273961 | | | | | | |
| ROSYLANE-LLC DENIM 5557 | USA 70273969 | | | | | | |
| ROSYLANE-LLC DENIM 5574 | USA 70273986 | | | | | | |
| ROSYLANE-LLC DENIM 5602 | USA 70274014 | | | | | C | |
| ROSYLANE-LLC DENIM 5652 | USA 70274064 | | | | | | |
| ROSYLANE-LLC DENIM 5653 | USA 70274065 | | | | | | |
| ROSYLANE-LLC DENIM 5655 | USA 70274067 | | | | | | |
| ROSYLANE-LLC DENIM 5662 | USA 70274074 | | | | | | |
| ROSYLANE-LLC DENIM 5664 | USA 70274076 | | | | | | |
| ROSYLANE-LLC DENIM 5666 | USA 70274078 | | | C | | | |
| ROSYLANE-LLC DENIM 5667 | USA 70274079 | | | | | | |
| ROSYLANE-LLC DENIM 5672 | USA 70274084 | | | | | | |
| ROSYLANE-LLC DENIM 5674 | USA 70274086 | | | | | | |
| ROSYLANE-LLC DENIM 5675 | USA 70274087 | | | | | | |
| ROSYLANE-LLC DENIM 5687 | USA 70274099 | | | | | | |
| ROSYLANE-LLC DENIM 5695 | USA 70274107 | | | | | | |
| ROSYLANE-LLC DENIM 5705 | USA 70274117 | | | | | | |
| ROSYLANE-LLC DENIM 5714 | USA 70274126 | | | | | | |
| ROSYLANE-LLC DENIM 5724 | USA 70274136 | | | | | | |
| ROSYLANE-LLC DENIM 5734 | USA 70274146 | | | | | C | |
| ROSYLANE-LLC DENIM 5741 | USA 70274153 | | | | | | |
| ROSYLANE-LLC DENIM 5749 | USA 70274161 | | | | | | |
| ROSYLANE-LLC DENIM 5750 | USA 72146428 | | | | | | |
| ROSYLANE-LLC DENIM 5759 | USA 72146437 | | | | | | |
| ROSYLANE-LLC DENIM 5770 | USA 72146448 | | | | | | |
| ROSYLANE-LLC DENIM 5799 | USA 72146477 | | | | | | |
| ROSYLANE-LLC DENIM 5802 | USA 72146480 | | | | | | |
| ROSYLANE-LLC DENIM 5809 | USA 72146487 | | | | | | |
| ROSYLANE-LLC DENIM 5814 | USA 72146492 | | | | | | |
| ROSYLANE-LLC DENIM 5825 | USA 72146503 | | | | | | |
| ROSYLANE-LLC DENIM 5831 | USA 72146509 | | | C | | | |
| ROSYLANE-LLC DENIM 5832 | USA 72146510 | | | | | | |
| ROSYLANE-LLC DENIM 5833 | USA 72146511 | | | | | | |
| ROSYLANE-LLC DENIM 5840 | USA 72146518 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC DENIM 5841 | USA 72146519 | | | | | | |
| ROSYLANE-LLC DENIM 5846 | USA 72146524 | | | | | | |
| ROSYLANE-LLC DENIM 5852 | USA 72146530 | | | | | | |
| ROSYLANE-LLC DENIM 5853 | USA 72146531 | | | | | | |
| ROSYLANE-LLC DENIM 5894 | USA 72146572 | | | | | | |
| ROSYLANE-LLC DENIM 5908 | USA 72146586 | | | | | | |
| ROSYLANE-LLC DESHAUN 10211 | 840003132555501 | | | | | | |
| ROSYLANE-LLC DESTRY 5159 | USA 69830857 | | | | | | |
| ROSYLANE-LLC DESTRY 5215 | USA 69830913 | | | C | | | 3 |
| ROSYLANE-LLC DESTRY 5377 | USA 70273789 | | | | | | |
| ROSYLANE-LLC DETROIT 4889 | USA 69830587 | | | | | | 1 |
| ROSYLANE-LLC DIE-HARD 3533 | USA 63235290 | | | C | | | |
| ROSYLANE-LLC DISCUS 5352-TW | USA 70273764 | | | | | | |
| ROSYLANE-LLC DISCUS 5353-TW | USA 70273765 | | | | | | |
| ROSYLANE-LLC DISCUS 5362-TW | USA 70273774 | | | | | | |
| ROSYLANE-LLC DISCUS 5363-TW | USA 70273775 | | | | | | |
| ROSYLANE-LLC DOZER 5783 | USA 72146461 | | | | | | |
| ROSYLANE-LLC DUBLIN 5872 | USA 72146550 | | C | C | | | |
| ROSYLANE-LLC DUBLIN 5878-TW | USA 72146556 | | C | | | | |
| ROSYLANE-LLC DUBLIN 5879-TW | USA 72146557 | | C | | | | |
| ROSYLANE-LLC DUBLIN 5882 | USA 72146560 | | C | | | | |
| ROSYLANE-LLC DUBLIN 5898 | USA 72146576 | | | | | | |
| ROSYLANE-LLC DUBLIN 5933 | USA 72146611 | | C | | | | |
| ROSYLANE-LLC DUBLIN 7026 | USA 72146704 | | C | | | | |
| ROSYLANE-LLC ECOYNE 5513 | USA 70273925 | | | | | | |
| ROSYLANE-LLC ECOYNE 5519 | USA 70273931 | | | | | | |
| ROSYLANE-LLC ECOYNE 5522 | USA 70273934 | | | C | | | |
| ROSYLANE-LLC ECOYNE 5558 | USA 70273970 | | | | | | |
| ROSYLANE-LLC ECOYNE 5560 | USA 70273972 | | | | | | |
| ROSYLANE-LLC EPIC 5742 | USA 70274154 | | | | | | |
| ROSYLANE-LLC EXTREME 5130 | USA 69830828 | | | | | | |
| ROSYLANE-LLC EXTREME 5137 | USA 69830835 | | | | | | |
| ROSYLANE-LLC EXTREME 5423 | USA 70273835 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5528 | USA 70273940 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5636 | USA 70274048 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5681 | USA 70274093 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5683 | USA 70274095 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5731 | USA 70274143 | | | | | | |
| ROSYLANE-LLC FACEBOOK 5733 | USA 70274145 | | | | | | |
| ROSYLANE-LLC FLYN 7351 | USA 72147029 | | | | | | |
| ROSYLANE-LLC FREDDIE 4397 | USA 68601472 | | | | | | |
| ROSYLANE-LLC FREDDIE 4443 | USA 68601518 | | | | | | |
| ROSYLANE-LLC FREDDIE 4576 | USA 68601651 | | | | | | |
| ROSYLANE-LLC FREDDIE 4633 | USA 68601708 | | | | | | |
| ROSYLANE-LLC FREDDIE 4747 | USA 68601822 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC FREDDIE 4837 | USA 69830535 | | | | | | |
| ROSYLANE-LLC FREDDIE 5037 | USA 69830735 | | | | | | |
| ROSYLANE-LLC FREDDIE 5049 | USA 69830747 | | | | | | |
| ROSYLANE-LLC FREDDIE 5103 | USA 69830801 | | | | | | |
| ROSYLANE-LLC FREDDIE 5124 | USA 69830822 | | | | | | |
| ROSYLANE-LLC FREDDIE 5125 | USA 69830823 | | | | | | |
| ROSYLANE-LLC FREDDIE 5126 | USA 69830824 | C | | | | | |
| ROSYLANE-LLC FREDDIE 5140 | USA 69830838 | C | | | | | |
| ROSYLANE-LLC FREDDIE 5149 | USA 69830847 | | | | | | |
| ROSYLANE-LLC FREDDIE 5162 | USA 69830860 | | | | | | |
| ROSYLANE-LLC FREDDIE 5216 | USA 69830914 | | | | | | |
| ROSYLANE-LLC FREDDIE 5244 | USA 69830942 | | | | | | |
| ROSYLANE-LLC FREDDIE 5292 | USA 70273704 | | | | | | |
| ROSYLANE-LLC FREDDIE 5294 | USA 70273706 | | | | | | |
| ROSYLANE-LLC FREDDIE 5296 | USA 70273708 | | | C | | | |
| ROSYLANE-LLC FREDDIE 5298 | USA 70273710 | | | | | | |
| ROSYLANE-LLC FREDDIE 5308 | USA 70273720 | | | | | | |
| ROSYLANE-LLC FREDDIE 5311 | USA 70273723 | | | | | | |
| ROSYLANE-LLC FREDDIE 5327 | USA 70273739 | | | | | | |
| ROSYLANE-LLC FREDDIE 5339 | USA 70273751 | | | | | | |
| ROSYLANE-LLC FREDDIE 5341 | USA 70273753 | | | | | | |
| ROSYLANE-LLC FREDDIE 5348 | USA 70273760 | | | | | | |
| ROSYLANE-LLC FREDDIE 5360 | USA 70273772 | | | | | | |
| ROSYLANE-LLC FREDDIE 5365 | USA 70273777 | C | | | | | |
| ROSYLANE-LLC FREDDIE 5366 | USA 70273778 | | | | | | |
| ROSYLANE-LLC FREDDIE 5369 | USA 70273781 | | | | | | |
| ROSYLANE-LLC FREDDIE 5444 | USA 70273856 | | | | | | |
| ROSYLANE-LLC FREDDIE 5873 | USA 72146551 | | | | | | |
| ROSYLANE-LLC FREDDIE 5891 | USA 72146569 | | | | | | |
| ROSYLANE-LLC FREDDIE 5904 | USA 72146582 | | | | | | |
| ROSYLANE-LLC FREDDIE 5905 | USA 72146583 | | | | | | |
| ROSYLANE-LLC FREDDIE 5911 | USA 72146589 | | | | | | |
| ROSYLANE-LLC FREDDIE 5914 | USA 72146592 | | | | | | |
| ROSYLANE-LLC FREDDIE 5918 | USA 72146596 | | | | | | |
| ROSYLANE-LLC FREDDIE 5924 | USA 72146602 | | | | | | |
| ROSYLANE-LLC FREDDIE 5930 | USA 72146608 | | | | | | |
| ROSYLANE-LLC FREDDIE 5951 | USA 72146629 | | | | | | |
| ROSYLANE-LLC FREDDIE 5952 | USA 72146630 | | | | | | |
| ROSYLANE-LLC FREDDIE 5983 | USA 72146661 | | | | | | |
| ROSYLANE-LLC FREDDIE 7190 | USA 72146868 | | | | | | |
| ROSYLANE-LLC FREDDIE 7192 | USA 72146870 | | | | | | |
| ROSYLANE-LLC FREDDIE 7195 | USA 72146873 | | | | | | |
| ROSYLANE-LLC FREDDIE 7197 | USA 72146875 | | | | | | |
| ROSYLANE-LLC FREDDIE 7205 | USA 72146883 | | | | | | |
| ROSYLANE-LLC FREDDIE 7224 | USA 72146902 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC FREDDIE 7233 | USA 72146911 | | | | | | |
| ROSYLANE-LLC FREDDIE 7240 | USA 72146918 | | | | | | |
| ROSYLANE-LLC FREDDIE 7243 | USA 72146921 | | | | | | |
| ROSYLANE-LLC FREDDIE 7252 | USA 72146930 | | | | | | |
| ROSYLANE-LLC FREDDIE 7280 | USA 72146958 | | | | | | |
| ROSYLANE-LLC FREDDIE 7287 | USA 72146965 | | | | | | |
| ROSYLANE-LLC FREDDIE 7289 | USA 72146967 | | | | | | |
| ROSYLANE-LLC FREDDIE 7300 | USA 72146978 | | | | | | |
| ROSYLANE-LLC FREDDIE 7319 | USA 72146997 | | | C | | | |
| ROSYLANE-LLC FREDDIE 7353 | USA 72147031 | | | | | | |
| ROSYLANE-LLC FREDDIE 7392 | USA 72147070 | | | | | | |
| ROSYLANE-LLC FREDDIE 7405 | USA 72147083 | | | | | | |
| ROSYLANE-LLC FREDDIE 7406 | USA 72147084 | | | | | | |
| ROSYLANE-LLC FREDDIE 7408 | USA 72147086 | | | | | | |
| ROSYLANE-LLC FREDDIE 7419 | USA 72147097 | | | | | | |
| ROSYLANE-LLC FREDDIE 7420 | USA 72147098 | | | | | | |
| ROSYLANE-LLC FREDDIE 7424 | USA 72147102 | | | | | | |
| ROSYLANE-LLC FREDDIE 7427 | USA 72147105 | | | | | | |
| ROSYLANE-LLC FREDDIE 7428 | USA 72147106 | | | | | | |
| ROSYLANE-LLC FREDDIE 7432 | USA 72147110 | | | | | | |
| ROSYLANE-LLC FREDDIE 7451 | USA 72147129 | | | | | | |
| ROSYLANE-LLC FREDDIE 7459 | USA 72147137 | | | | | | |
| ROSYLANE-LLC FREDDIE 7464 | USA 72147142 | | | | | | |
| ROSYLANE-LLC FREDDIE 7467 | USA 72147145 | | | | | | |
| ROSYLANE-LLC FREDDIE 7478 | USA 72147156 | | | | | | |
| ROSYLANE-LLC FREDDIE 7481 | USA 72147159 | | | | | | |
| ROSYLANE-LLC FREDDIE 7527 | USA 72147205 | | | | | | |
| ROSYLANE-LLC FREDDIE 7532 | USA 72147210 | | | | | | |
| ROSYLANE-LLC FREDDIE 7535 | USA 72147213 | | | | | | |
| ROSYLANE-LLC FREDDIE 7536 | USA 72147214 | | | | | | |
| ROSYLANE-LLC FREDDIE 7542 | USA 72147220 | | | | | | |
| ROSYLANE-LLC FREDDIE 7566 | USA 72147244 | | | | | | |
| ROSYLANE-LLC FREDDIE 7606 | USA 72147284 | | | | | | |
| ROSYLANE-LLC FREDDIE 7748 | USA 72147426 | | | | | | |
| ROSYLANE-LLC FREDDIE 7768 | 840003126311423 | | | | | | |
| ROSYLANE-LLC FREDDIE 7774 | 840003126311429 | | | | | | |
| ROSYLANE-LLC FREDDIE 7775 | 840003126311430 | C | | | | | |
| ROSYLANE-LLC FREDDIE 7777 | 840003126311432 | | | | | | |
| ROSYLANE-LLC FREDDIE 7784 | 840003126311439 | | | | | | |
| ROSYLANE-LLC FREDDIE 7786 | 840003126311441 | | | | | | |
| ROSYLANE-LLC FREDDIE 7788 | 840003126311443 | | | | | | |
| ROSYLANE-LLC FREDDIE 7789 | 840003126311444 | | | | | | |
| ROSYLANE-LLC FREDDIE 7800 | 840003126311455 | | | C | | | |
| ROSYLANE-LLC FREDDIE 7801 | 840003126311456 | | | | | | |
| ROSYLANE-LLC FREDDIE 7821 | 840003126311476 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC FREDDIE 7830 | 840003126311485 | | | | | | |
| ROSYLANE-LLC FREDDIE 7832 | 840003126311487 | | | | | | |
| ROSYLANE-LLC FREDDIE 7835 | 840003126311490 | | | | | | |
| ROSYLANE-LLC FREDDIE 7868 | 840003126311523 | | | | | | |
| ROSYLANE-LLC FREDDIE 7905 | 840003126311560 | | | | | | |
| ROSYLANE-LLC FREDDIE 7924 | 840003126311579 | | | | | | |
| ROSYLANE-LLC FREDDIE 7929 | 840003126311584 | | | | | | 1 |
| ROSYLANE-LLC FREDDIE 7935 | 840003126311590 | | | | | | |
| ROSYLANE-LLC FREDDIE 7969 | 840003126311624 | | | | | | |
| ROSYLANE-LLC FREDDIE 8001 | 840003126311656 | | | | | | |
| ROSYLANE-LLC FREDDIE 8021 | 840003126311676 | | | | | | |
| ROSYLANE-LLC FREDDIE 8050 | 840003126311705 | | | | | | |
| ROSYLANE-LLC FREDDIE4739-ET | USA 68601814 | | | | | | |
| ROSYLANE-LLC FREDDIE5225-ET | USA 69830923 | | | | | | |
| ROSYLANE-LLC FREDDIE7759-TW | 840003126311414 | | | | | | |
| ROSYLANE-LLC FREDDIE7760-TW | 840003126311415 | | | | | | |
| ROSYLANE-LLC FREDIE 5357-TW | USA 70273769 | | | | | | |
| ROSYLANE-LLC FREDIE 5358-TW | USA 70273770 | | | | | | |
| ROSYLANE-LLC FUELUP 7680-TW | USA 72147358 | | | | | | |
| ROSYLANE-LLC FUELUP 7686 | USA 72147364 | | | | | | 1 |
| ROSYLANE-LLC FUELUP 7687 | USA 72147365 | | | | | | |
| ROSYLANE-LLC FUELUP 7696 | USA 72147374 | | | | | | |
| ROSYLANE-LLC FUELUP 7711 | USA 72147389 | | | | | | |
| ROSYLANE-LLC FUELUP 7765 | 840003126311420 | | | | | | |
| ROSYLANE-LLC FUELUP 7770 | 840003126311425 | | | | | | |
| ROSYLANE-LLC FUELUP 7827 | 840003126311482 | | | | | | |
| ROSYLANE-LLC FUELUP 7842 | 840003126311497 | | | | | | |
| ROSYLANE-LLC GALAXY 7071 | USA 72146749 | | | | | | |
| ROSYLANE-LLC GALAXY 7077 | USA 72146755 | | | | | | |
| ROSYLANE-LLC GALAXY 7095 | USA 72146773 | | | | | | |
| ROSYLANE-LLC GALAXY 7100 | USA 72146778 | | | | | | |
| ROSYLANE-LLC GALAXY 7423 | USA 72147101 | | | C | | | |
| ROSYLANE-LLC GALLON 5096 | USA 69830794 | | | | | | |
| ROSYLANE-LLC GALLON 5104 | USA 69830802 | | | | | | |
| ROSYLANE-LLC GALLON 5110 | USA 69830808 | | | | | | |
| ROSYLANE-LLC GALLON 5112 | USA 69830810 | | | | | | |
| ROSYLANE-LLC GALLON 5114 | USA 69830812 | | | | | | |
| ROSYLANE-LLC GALLON 5115-ET | USA 69830813 | | | | | | |
| ROSYLANE-LLC GALLON 5117 | USA 69830815 | | | | | | |
| ROSYLANE-LLC GALLON 5118 | USA 69830816 | | | | | | |
| ROSYLANE-LLC GALLON 5132 | USA 69830830 | | | | | | |
| ROSYLANE-LLC GALLON 5139 | USA 69830837 | | | | | | |
| ROSYLANE-LLC GALLON 5148 | USA 69830846 | | | | | | |
| ROSYLANE-LLC GALLON 5150 | USA 69830848 | | | | | | |
| ROSYLANE-LLC GALLON 5160 | USA 69830858 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC GALLON 5174-ET | USA 69830872 | | | | | | |
| ROSYLANE-LLC GALLON 5191 | USA 69830889 | | | C | | | |
| ROSYLANE-LLC GALLON 5195 | USA 69830893 | | | | | | |
| ROSYLANE-LLC GALLON 5196-TW | USA 69830894 | | | | | | |
| ROSYLANE-LLC GALLON 5197-TW | USA 69830895 | | | | | | |
| ROSYLANE-LLC GALLON 5198 | USA 69830896 | | | | | | |
| ROSYLANE-LLC GALLON 5199 | USA 69830897 | | | C | | | |
| ROSYLANE-LLC GALLON 5205 | USA 69830903 | | | | | | |
| ROSYLANE-LLC GALLON 5249-ET | USA 69830947 | | | | | | |
| ROSYLANE-LLC GENUITY8051-ET | 840003126311706 | | | | | | |
| ROSYLANE-LLC GENUITY8125-ET | 840003126311780 | | | | | | |
| ROSYLANE-LLC GOLDWYN 4162 | USA 65895666 | | | | | | |
| ROSYLANE-LLC GOLDWYN 4200 | USA 65895704 | | | | | | 1 |
| ROSYLANE-LLC GONZO 5418 | USA 70273830 | | | | | C | |
| ROSYLANE-LLC GONZO 5424 | USA 70273836 | | | | | | |
| ROSYLANE-LLC GONZO 5432 | USA 70273844 | | | | | | |
| ROSYLANE-LLC GONZO 5479 | USA 70273891 | | | | | | |
| ROSYLANE-LLC GONZO 5534 | USA 70273946 | | | | | | |
| ROSYLANE-LLC GR8M8 4814 | USA 69830512 | | | C | | | |
| ROSYLANE-LLC GRAFEETI 5399 | USA 70273811 | | | | | | |
| ROSYLANE-LLC GRAFEETI 5447 | USA 70273859 | | | | | C | 1 |
| ROSYLANE-LLC GRAFEETI 5459 | USA 70273871 | | | | | | |
| ROSYLANE-LLC GREATEST 5543 | USA 70273955 | | | | | | |
| ROSYLANE-LLC GREATEST 5566 | USA 70273978 | | | | | | |
| ROSYLANE-LLC GREATEST 5588 | USA 70274000 | | | | | | 1 |
| ROSYLANE-LLC GREATEST 5599 | USA 70274011 | | | | | | |
| ROSYLANE-LLC GREATEST 5600 | USA 70274012 | | | | | | |
| ROSYLANE-LLC GREATEST 5744 | USA 70274156 | | | | | | |
| ROSYLANE-LLC GREATST5544-ET | USA 70273956 | | | | | | |
| ROSYLANE-LLC GREATST5570-TW | USA 70273982 | | | | | | |
| ROSYLANE-LLC GREATST5571-TW | USA 70273983 | | | | | | |
| ROSYLANE-LLC GREER 7182 | USA 72146860 | | | | | | |
| ROSYLANE-LLC GREER 7301 | USA 72146979 | | | | | | |
| ROSYLANE-LLC GREER 7305 | USA 72146983 | | | | | | |
| ROSYLANE-LLC HALOGEN 7594 | USA 72147272 | | | | | | |
| ROSYLANE-LLC HALOGEN 7600 | USA 72147278 | | | | | | |
| ROSYLANE-LLC HALOGEN 7601 | USA 72147279 | | | | | | |
| ROSYLANE-LLC HALOGEN 7602 | USA 72147280 | | | | | | |
| ROSYLANE-LLC HALOGEN 7603 | USA 72147281 | | | | | | |
| ROSYLANE-LLC HALOGEN 7605 | USA 72147283 | | | | | | |
| ROSYLANE-LLC HALOGEN 7645 | USA 72147323 | | | | | | |
| ROSYLANE-LLC HALOGEN 7657 | USA 72147335 | | | | | | |
| ROSYLANE-LLC HALOGEN 7660 | USA 72147338 | | | | | | |
| ROSYLANE-LLC HALOGEN 7662 | USA 72147340 | | | | | | |
| ROSYLANE-LLC HALOGEN 7664 | USA 72147342 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC HALOGEN 7667 | USA 72147345 | | | | | | |
| ROSYLANE-LLC HALOGEN 7679 | USA 72147357 | | | | | | |
| ROSYLANE-LLC HALOGEN 7688 | USA 72147366 | | | | | | |
| ROSYLANE-LLC HALOGEN 7691 | USA 72147369 | | | | | | |
| ROSYLANE-LLC HALOGEN 7706 | USA 72147384 | | | | | | |
| ROSYLANE-LLC HALOGEN 7707 | USA 72147385 | | | | | | |
| ROSYLANE-LLC HALOGEN 7723 | USA 72147401 | | | | | | |
| ROSYLANE-LLC HALOGEN 7729 | USA 72147407 | | | | | | |
| ROSYLANE-LLC HALOGEN 7730 | USA 72147408 | | | | | | |
| ROSYLANE-LLC HALOGEN 7744 | USA 72147422 | | | | | | |
| ROSYLANE-LLC HALOGEN 7778 | 840003126311433 | | | | | | |
| ROSYLANE-LLC HALOGEN 7779 | 840003126311434 | | | | | | |
| ROSYLANE-LLC HALOGEN 7782 | 840003126311437 | | | | | | |
| ROSYLANE-LLC HALOGEN 7792 | 840003126311447 | | | | | | |
| ROSYLANE-LLC HALOGEN 7795 | 840003126311450 | | | | | | |
| ROSYLANE-LLC HALOGEN 7803 | 840003126311458 | | | | | | |
| ROSYLANE-LLC HALOGEN 7814 | 840003126311469 | | | | | | |
| ROSYLANE-LLC HALOGEN 7818 | 840003126311473 | | | | | | |
| ROSYLANE-LLC HALOGEN 7820 | 840003126311475 | | | | | | |
| ROSYLANE-LLC HALOGEN 7863 | 840003126311518 | | | | | | |
| ROSYLANE-LLC HALOGEN 7869 | 840003126311524 | | | | | | |
| ROSYLANE-LLC HALOGEN 7917 | 840003126311572 | | | | | | |
| ROSYLANE-LLC HAZELTON 5273 | USA 70273685 | | | | | | |
| ROSYLANE-LLC HAZELTON 5290 | USA 70273702 | | | C | | | |
| ROSYLANE-LLC HAZELTON 5364 | USA 70273776 | | | | | | |
| ROSYLANE-LLC HERO 5708 | USA 70274120 | | | | | | |
| ROSYLANE-LLC HERO 5709 | USA 70274121 | | | | | | |
| ROSYLANE-LLC HERO 5713 | USA 70274125 | | | | | | |
| ROSYLANE-LLC HERO 5738 | USA 70274150 | | | | | | |
| ROSYLANE-LLC HERO 5766 | USA 72146444 | | | | | | |
| ROSYLANE-LLC HUNTER 5551 | USA 70273963 | | | | | | |
| ROSYLANE-LLC HUNTER 5580-TW | USA 70273992 | | | | | | |
| ROSYLANE-LLC HUNTER 5581-TW | USA 70273993 | | | | | | |
| ROSYLANE-LLC HUNTER 5589 | USA 70274001 | | | | | | |
| ROSYLANE-LLC HUNTER 5593-TW | USA 70274005 | | | | | | |
| ROSYLANE-LLC HUNTER 5594-TW | USA 70274006 | | | | | | |
| ROSYLANE-LLC HUNTER 5595 | USA 70274007 | | | | | | |
| ROSYLANE-LLC HUNTER 5596 | USA 70274008 | | | | | | |
| ROSYLANE-LLC HUNTER 5603-TW | USA 70274015 | | | | | | |
| ROSYLANE-LLC HUNTER 5604-TW | USA 70274016 | | | | | | |
| ROSYLANE-LLC HUNTER 5622 | USA 70274034 | | | | | | |
| ROSYLANE-LLC HUNTER 5626 | USA 70274038 | | | | | | |
| ROSYLANE-LLC HUNTER 5627 | USA 70274039 | | | | | | |
| ROSYLANE-LLC HUNTER 5637 | USA 70274049 | | | | | | |
| ROSYLANE-LLC HUNTER 5641 | USA 70274053 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC HUNTER 5642 | USA 70274054 | | | | | | |
| ROSYLANE-LLC HUNTER 5654 | USA 70274066 | | | | | | |
| ROSYLANE-LLC HUNTER 5663 | USA 70274075 | | | | | | |
| ROSYLANE-LLC HUNTER 5665 | USA 70274077 | | | | | | |
| ROSYLANE-LLC HUNTER 5679 | USA 70274091 | | | | | | |
| ROSYLANE-LLC HUNTER 5692 | USA 70274104 | | | C | | | |
| ROSYLANE-LLC HUNTER 5736 | USA 70274148 | | | | | | |
| ROSYLANE-LLC HUNTER 5740 | USA 70274152 | | | | | | |
| ROSYLANE-LLC HUNTER 5763 | USA 72146441 | | | | | | |
| ROSYLANE-LLC JABIR 7385-ET | USA 72147063 | | | | | | |
| ROSYLANE-LLC JACEY 7337 | USA 72147015 | | | | | | |
| ROSYLANE-LLC JACEY 7344 | USA 72147022 | | | | | | 1 |
| ROSYLANE-LLC JACEY 7355-ET | USA 72147033 | | | | | | |
| ROSYLANE-LLC JACEY 7358 | USA 72147036 | | | | | | |
| ROSYLANE-LLC JACEY 7363 | USA 72147041 | | | | | | |
| ROSYLANE-LLC JACEY 7367 | USA 72147045 | | | | | | |
| ROSYLANE-LLC JACEY 7378 | USA 72147056 | | | | | | |
| ROSYLANE-LLC JACEY 7379 | USA 72147057 | | | | | | |
| ROSYLANE-LLC JACEY 7389 | USA 72147067 | | | | | | |
| ROSYLANE-LLC JACEY 7401 | USA 72147079 | | | | | | |
| ROSYLANE-LLC JACEY 7404 | USA 72147082 | | | | | | |
| ROSYLANE-LLC JACEY 7409 | USA 72147087 | | | | | | |
| ROSYLANE-LLC JACEY 7411 | USA 72147089 | | | | | | |
| ROSYLANE-LLC JACEY 7414 | USA 72147092 | | | | | | |
| ROSYLANE-LLC JACEY 7614 | USA 72147292 | | | | | | |
| ROSYLANE-LLC JACEY 7624 | USA 72147302 | | | | | | |
| ROSYLANE-LLC JACEY 7718 | USA 72147396 | | | | | C | |
| ROSYLANE-LLC JACEY 7721 | USA 72147399 | | | | | | |
| ROSYLANE-LLC JACEY 7733 | USA 72147411 | | | | | | |
| ROSYLANE-LLC JACEY 7749 | USA 72147427 | | | | | | |
| ROSYLANE-LLC JARDIN 4071 | USA 65895575 | | | | | | |
| ROSYLANE-LLC JARDIN 4121 | USA 65895625 | | | | C | | |
| ROSYLANE-LLC JARDIN 4174 | USA 65895678 | | | | C | | |
| ROSYLANE-LLC JARDIN 4176 | USA 65895680 | | | | C | | |
| ROSYLANE-LLC JARDIN 4192 | USA 65895696 | | | | C | | |
| ROSYLANE-LLC JARMIL 5113 | USA 69830811 | | | | | | |
| ROSYLANE-LLC JARMIL 5122-TW | USA 69830820 | | | C | | | |
| ROSYLANE-LLC JARMIL 5123-TW | USA 69830821 | | | C | | | |
| ROSYLANE-LLC JARMIL 5133-TW | USA 69830831 | | | | | | |
| ROSYLANE-LLC JARMIL 5134-TW | USA 69830832 | | | | | | |
| ROSYLANE-LLC JARMIL 5154 | USA 69830852 | | | | | | |
| ROSYLANE-LLC JARMIL 5200 | USA 69830898 | | | | | | |
| ROSYLANE-LLC JARVIS 5236 | USA 69830934 | | | | | | |
| ROSYLANE-LLC JARVIS 5245 | USA 69830943 | | | | | | |
| ROSYLANE-LLC JARVIS 5250 | USA 70273662 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC JARVIS 5293 | USA 70273705 | | | | | | |
| ROSYLANE-LLC JARVIS 5307 | USA 70273719 | | | | | | |
| ROSYLANE-LLC JARVIS 5315 | USA 70273727 | | | | | | |
| ROSYLANE-LLC JARVIS 5324 | USA 70273736 | | | | | | |
| ROSYLANE-LLC JARVIS 5328 | USA 70273740 | | | | | | |
| ROSYLANE-LLC JARVIS 5370 | USA 70273782 | | | | | | |
| ROSYLANE-LLC JARVIS 5378 | USA 70273790 | | | | | | |
| ROSYLANE-LLC JARVIS 5379 | USA 70273791 | | | | | | |
| ROSYLANE-LLC JARVIS 5383 | USA 70273795 | | | | | | |
| ROSYLANE-LLC JEEVES 4095 | USA 65895599 | | | | | | |
| ROSYLANE-LLC JEEVES 4096 | USA 65895600 | | | | | | |
| ROSYLANE-LLC JIVES 5101 | USA 69830799 | | | | | | |
| ROSYLANE-LLC JIVES 5102 | USA 69830800 | | | | | | |
| ROSYLANE-LLC JIVES 5121 | USA 69830819 | | | C | | | |
| ROSYLANE-LLC JIVES 5226-ET | USA 69830924 | | | | | | |
| ROSYLANE-LLC JIVES 5253-ET | USA 70273665 | | | | | | |
| ROSYLANE-LLC JIVES 5276-TW | USA 70273688 | | | | | | |
| ROSYLANE-LLC JIVES 5297-ET | USA 70273709 | | | | | | |
| ROSYLANE-LLC JIVES 5299 | USA 70273711 | | | | | | |
| ROSYLANE-LLC JIVES 5301-ET | USA 70273713 | | | | | | |
| ROSYLANE-LLC JIVES 5302-ET | USA 70273714 | | | | | | |
| ROSYLANE-LLC JIVES 5309-ET | USA 70273721 | | | | | | |
| ROSYLANE-LLC JIVES 5313 | USA 70273725 | | | | | | |
| ROSYLANE-LLC JIVES 5350 | USA 70273762 | | | C | | | |
| ROSYLANE-LLC JIVES 5371 | USA 70273783 | | | | | | |
| ROSYLANE-LLC JIVES 5372 | USA 70273784 | | | C | | | |
| ROSYLANE-LLC JIVES 5386 | USA 70273798 | | | | | | |
| ROSYLANE-LLC JIVES 5388 | USA 70273800 | | | | | | |
| ROSYLANE-LLC JIVES 5409 | USA 70273821 | | | | | | |
| ROSYLANE-LLC JIVES 5413 | USA 70273825 | | | | | | |
| ROSYLANE-LLC JIVES 5415 | USA 70273827 | | | | | | |
| ROSYLANE-LLC JIVES 5417-ET | USA 70273829 | | | | | | |
| ROSYLANE-LLC JIVES 5421-ET | USA 70273833 | | | | | | |
| ROSYLANE-LLC JIVES 5428 | USA 70273840 | | | | | | |
| ROSYLANE-LLC JIVES 5433 | USA 70273845 | | | | | | |
| ROSYLANE-LLC JIVES 5450-ET | USA 70273862 | | | | | | |
| ROSYLANE-LLC JIVES 5453-ET | USA 70273865 | | | | | | |
| ROSYLANE-LLC JIVES 5457 | USA 70273869 | | | | | | |
| ROSYLANE-LLC JIVES 5465-TW | USA 70273877 | | | | | | |
| ROSYLANE-LLC JIVES 5466-TW | USA 70273878 | | | | | | |
| ROSYLANE-LLC JIVES 5501-ET | USA 70273913 | | | | | | |
| ROSYLANE-LLC JIVES 5511 | USA 70273923 | | | | | | |
| ROSYLANE-LLC JIVES 5516 | USA 70273928 | | | | | | |
| ROSYLANE-LLC JIVES 5536-ET | USA 70273948 | | | | | | |
| ROSYLANE-LLC JIVES 5556 | USA 70273968 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC JIVES 5585 | USA 70273997 | | | | | | |
| ROSYLANE-LLC JIVES 5591-TW | USA 70274003 | | | | | | |
| ROSYLANE-LLC JIVES 5592-TW | USA 70274004 | | | | | | |
| ROSYLANE-LLC JIVES 5611 | USA 70274023 | | | | | | |
| ROSYLANE-LLC JIVES 5616-TW | USA 70274028 | | | | | | |
| ROSYLANE-LLC JIVES 5619 | USA 70274031 | | | C | | | |
| ROSYLANE-LLC JIVES 5623 | USA 70274035 | | | | | | 3 |
| ROSYLANE-LLC JIVES 5689 | USA 70274101 | | | | | | |
| ROSYLANE-LLC JIVES 5693 | USA 70274105 | | | | | | |
| ROSYLANE-LLC JIVES 5698 | USA 70274110 | | | | | | |
| ROSYLANE-LLC JIVES 5700 | USA 70274112 | | | | | | |
| ROSYLANE-LLC JIVES 5707 | USA 70274119 | | | C | | | |
| ROSYLANE-LLC JIVES 5719-TW | USA 70274131 | | | | | | |
| ROSYLANE-LLC JIVES 5720-TW | USA 70274132 | | | | | | |
| ROSYLANE-LLC JIVES 5727 | USA 70274139 | | | | | | |
| ROSYLANE-LLC JIVES 5739 | USA 70274151 | | | | | | 1 |
| ROSYLANE-LLC JIVES 5782 | USA 72146460 | | | | | | |
| ROSYLANE-LLC JIVES 5790 | USA 72146468 | | | | | | |
| ROSYLANE-LLC JIVES 5793 | USA 72146471 | | | | | | |
| ROSYLANE-LLC JIVES 5804 | USA 72146482 | | | | | | |
| ROSYLANE-LLC JIVES 5808 | USA 72146486 | | | C | | | |
| ROSYLANE-LLC JIVES 5810 | USA 72146488 | | | | | | |
| ROSYLANE-LLC JIVES 5811 | USA 72146489 | | | C | | | |
| ROSYLANE-LLC JIVES 5812 | USA 72146490 | | | | | | |
| ROSYLANE-LLC JIVES 5819 | USA 72146497 | | | C | | | |
| ROSYLANE-LLC JIVES 5845 | USA 72146523 | | | | | | |
| ROSYLANE-LLC JIVES 5849 | USA 72146527 | | | | | | |
| ROSYLANE-LLC JIVES 5850 | USA 72146528 | | | | | | |
| ROSYLANE-LLC JIVES 5854 | USA 72146532 | | | C | | | |
| ROSYLANE-LLC JOSIAH 7079 | USA 72146757 | C | | C | | | |
| ROSYLANE-LLC JOSIAH 7097 | USA 72146775 | | | C | | | |
| ROSYLANE-LLC JOSUPER 7785 | 840003126311440 | | | | | | |
| ROSYLANE-LLC JOSUPER 7840 | 840003126311495 | | | | | | |
| ROSYLANE-LLC JOSUPER 7934 | 840003126311589 | | | | | | |
| ROSYLANE-LLC JOSUPER 7940 | 840003126311595 | | | | | | |
| ROSYLANE-LLC JOSUPER 7953 | 840003126311608 | | | | | | |
| ROSYLANE-LLC JOSUPER 7956 | 840003126311611 | | | | | | |
| ROSYLANE-LLC JOSUPER 7958 | 840003126311613 | | | | | | |
| ROSYLANE-LLC JOSUPER 7963 | 840003126311618 | | | | | | |
| ROSYLANE-LLC JOSUPER 7976 | 840003126311631 | | | | | | |
| ROSYLANE-LLC JOSUPER 7986 | 840003126311641 | | | | | | |
| ROSYLANE-LLC JOSUPER 7988 | 840003126311643 | | | | | | |
| ROSYLANE-LLC JOSUPER 7993 | 840003126311648 | | | | | | |
| ROSYLANE-LLC JOSUPER 7994 | 840003126311649 | | | | | | |
| ROSYLANE-LLC JOSUPER 7996 | 840003126311651 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC JOSUPER 7997 | 840003126311652 | | | | | | |
| ROSYLANE-LLC JOSUPER 8000 | 840003126311655 | | | | | | |
| ROSYLANE-LLC JOSUPER 8002 | 840003126311657 | | | | | | |
| ROSYLANE-LLC JOSUPER 8005 | 840003126311660 | | | | | | |
| ROSYLANE-LLC JOSUPER 8010 | 840003126311665 | | | | | | |
| ROSYLANE-LLC JOSUPER 8014 | 840003126311669 | | | | | | |
| ROSYLANE-LLC JOSUPER 8025 | 840003126311680 | | | | | | |
| ROSYLANE-LLC JOSUPER 8031 | 840003126311686 | | | | | | |
| ROSYLANE-LLC JOSUPER 8033 | 840003126311688 | | | | | C | |
| ROSYLANE-LLC JOSUPER 8038 | 840003126311693 | | | | | | |
| ROSYLANE-LLC JOSUPER 8043 | 840003126311698 | | | | | | |
| ROSYLANE-LLC JOSUPER 8056 | 840003126311711 | | | | | C | |
| ROSYLANE-LLC JOSUPER 8066 | 840003126311721 | | | | | | |
| ROSYLANE-LLC JOSUPER 8067 | 840003126311722 | | | | | | |
| ROSYLANE-LLC JOSUPER 8086 | 840003126311741 | | | | | | |
| ROSYLANE-LLC JOSUPER 8133 | 840003126311788 | | | | | | |
| ROSYLANE-LLC JOSUPER 8156 | 840003126311811 | | | | | | |
| ROSYLANE-LLC JUDAH 7433-ET | USA 72147111 | | | | | | |
| ROSYLANE-LLC KEEPSAK7838-TW | 840003126311493 | | | | | | |
| ROSYLANE-LLC KEEPSAK7839-TW | 840003126311494 | | | | | | |
| ROSYLANE-LLC KID 5003 | USA 69830701 | | | | | | |
| ROSYLANE-LLC KID 5006-ET | USA 69830704 | | | | | | |
| ROSYLANE-LLC KID 5045 | USA 69830743 | | | | | | |
| ROSYLANE-LLC LA-BRON7295-ET | USA 72146973 | | | | | | |
| ROSYLANE-LLC LA-BRON7318-ET | USA 72146996 | | | | | | |
| ROSYLANE-LLC LA-BRON7349-ET | USA 72147027 | | | | | | |
| ROSYLANE-LLC LABRON 7336-ET | USA 72147014 | | | | | | |
| ROSYLANE-LLC LARGE 5521 | USA 70273933 | | | | | | |
| ROSYLANE-LLC LARGE 5563 | USA 70273975 | | | | | | |
| ROSYLANE-LLC LARGE 5634-TW | USA 70274046 | | | | | | |
| ROSYLANE-LLC LARGE 5635-TW | USA 70274047 | | | | | | |
| ROSYLANE-LLC LARGE 5643 | USA 70274055 | | | | | | |
| ROSYLANE-LLC LARGE 5651 | USA 70274063 | | | | | | |
| ROSYLANE-LLC LARGE 5668 | USA 70274080 | | | | | | |
| ROSYLANE-LLC LARGE 7413 | USA 72147091 | | | | | | |
| ROSYLANE-LLC LATIMER 5937 | USA 72146615 | | | | | C | 1 |
| ROSYLANE-LLC LATIMER 5938 | USA 72146616 | | | | | | 1 |
| ROSYLANE-LLC LATIMER 5950 | USA 72146628 | | | | | C | |
| ROSYLANE-LLC LATIMER 5955 | USA 72146633 | | | | | | |
| ROSYLANE-LLC LATIMER 7028 | USA 72146706 | | | | | | 1 |
| ROSYLANE-LLC LATIMER 7041 | USA 72146719 | | | | | | 1 |
| ROSYLANE-LLC LATIMER 7048 | USA 72146726 | | | | | | 1 |
| ROSYLANE-LLC LATIMER 7049 | USA 72146727 | | | | | | 1 |
| ROSYLANE-LLC LAYNE 7724 | USA 72147402 | | | | | | |
| ROSYLANE-LLC LEIF 4272 | USA 68601347 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC LEIF 4352 | USA 68601427 | | | C | | | |
| ROSYLANE-LLC LEO 5778 | USA 72146456 | | | | | | |
| ROSYLANE-LLC LEO 5836 | USA 72146514 | | | | | | |
| ROSYLANE-LLC LEO 5847 | USA 72146525 | | | | | | 1 |
| ROSYLANE-LLC LITHIUM 5861 | USA 72146539 | | | | | | |
| ROSYLANE-LLC LITHIUM 5899 | USA 72146577 | | | C | | | |
| ROSYLANE-LLC LITHIUM 5916 | USA 72146594 | | | | | | |
| ROSYLANE-LLC LITHIUM 7129 | USA 72146807 | | | | | C | |
| ROSYLANE-LLC LITHIUM 7131 | USA 72146809 | | | | | | |
| ROSYLANE-LLC LITHIUM 7135 | USA 72146813 | | | | | | |
| ROSYLANE-LLC LITHIUM 7152 | USA 72146830 | | | | | | |
| ROSYLANE-LLC LITHIUM 7339 | USA 72147017 | | | | | | |
| ROSYLANE-LLC LITHIUM7139-ET | USA 72146817 | | | | | | |
| ROSYLANE-LLC LITHIUM7142-ET | USA 72146820 | | | | | | |
| ROSYLANE-LLC LYNCH 2263 | USA 61120818 | | | | | | |
| ROSYLANE-LLC LYNCH 3568 | USA 64499406 | | | | | | |
| ROSYLANE-LLC LYNCH 4392 | USA 68601467 | | | | | | |
| ROSYLANE-LLC MAC 3862 | USA 65895366 | | | | | | |
| ROSYLANE-LLC MAC 3891 | USA 65895395 | | | C | | | |
| ROSYLANE-LLC MAC 3953 | USA 65895457 | | | | | | |
| ROSYLANE-LLC MAC 4058 | USA 65895562 | | | C | | | |
| ROSYLANE-LLC MAC 4113 | USA 65895617 | | | | | | |
| ROSYLANE-LLC MAGNETO4774-TW | USA 69830472 | | | | | | |
| ROSYLANE-LLC MANET 1880 | USA 60679937 | | | | | | |
| ROSYLANE-LLC MANET 1888 | USA 60679945 | | | | | | |
| ROSYLANE-LLC MANZIEL 7983 | 840003126311638 | | | | | | |
| ROSYLANE-LLC MANZIEL 8007 | 840003126311662 | | | | | | |
| ROSYLANE-LLC MARAUDR4748-TW | USA 68601823 | | | | | | |
| ROSYLANE-LLC MARAUDR4749-TW | USA 68601824 | | | | | | |
| ROSYLANE-LLC MASSEY 4641 | USA 68601716 | | | | | | |
| ROSYLANE-LLC MASSEY 5901-TW | USA 72146579 | | | | | | |
| ROSYLANE-LLC MASSEY 5902-TW | USA 72146580 | | | | | | |
| ROSYLANE-LLC MASSEY 5920 | USA 72146598 | | | | | | |
| ROSYLANE-LLC MASSEY 5936 | USA 72146614 | | | | | | |
| ROSYLANE-LLC MASSEY 5943 | USA 72146621 | | | | | | |
| ROSYLANE-LLC MASSEY 5944 | USA 72146622 | | | | | | |
| ROSYLANE-LLC MASSEY 5959 | USA 72146637 | | | | | | |
| ROSYLANE-LLC MASSEY 5971 | USA 72146649 | | | | | | |
| ROSYLANE-LLC MASSEY 5979 | USA 72146657 | | | | | | |
| ROSYLANE-LLC MASSEY 5987 | USA 72146665 | | | C | | | |
| ROSYLANE-LLC MASSEY 5991 | USA 72146669 | | | | | | |
| ROSYLANE-LLC MASSEY 7038 | USA 72146716 | | | | | | |
| ROSYLANE-LLC MASSEY 7053 | USA 72146731 | | | | | | |
| ROSYLANE-LLC MASSEY 7065 | USA 72146743 | | | | | | |
| ROSYLANE-LLC MASSEY 7083 | USA 72146761 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MASSEY 7096 | USA 72146774 | | | | | | |
| ROSYLANE-LLC MASSEY 7119 | USA 72146797 | | | | | | |
| ROSYLANE-LLC MASSEY 7123 | USA 72146801 | | | | | | |
| ROSYLANE-LLC MASSEY 7127 | USA 72146805 | | | | | | |
| ROSYLANE-LLC MASSEY 7130 | USA 72146808 | | | | | | |
| ROSYLANE-LLC MASSEY 7132 | USA 72146810 | | | C | | | |
| ROSYLANE-LLC MASSEY 7141 | USA 72146819 | | | | | | |
| ROSYLANE-LLC MASSEY 7147 | USA 72146825 | | | | | | |
| ROSYLANE-LLC MASSEY 7158 | USA 72146836 | | | | | | |
| ROSYLANE-LLC MASSEY 7160 | USA 72146838 | | | C | | | |
| ROSYLANE-LLC MASSEY 7167 | USA 72146845 | | | | | | |
| ROSYLANE-LLC MASSEY 7173 | USA 72146851 | | | | | | |
| ROSYLANE-LLC MASSEY 7206 | USA 72146884 | | | | | | |
| ROSYLANE-LLC MASSEY 7208 | USA 72146886 | | | | | | |
| ROSYLANE-LLC MASSEY 7211 | USA 72146889 | | | | | | |
| ROSYLANE-LLC MASSEY 7213 | USA 72146891 | | | | | | |
| ROSYLANE-LLC MASSEY 7215 | USA 72146893 | | | | | | |
| ROSYLANE-LLC MAURCE 7236-TW | USA 72146914 | | | | | | |
| ROSYLANE-LLC MAURCE 7237-TW | USA 72146915 | | | | | | |
| ROSYLANE-LLC MAURIC 5855-TW | USA 72146533 | | | C | | | |
| ROSYLANE-LLC MAURIC 5856-TW | USA 72146534 | | | | | | |
| ROSYLANE-LLC MAURIC 7109-TW | USA 72146787 | | | | | | |
| ROSYLANE-LLC MAURICE 5684 | USA 70274096 | | | | | | |
| ROSYLANE-LLC MAURICE 5691 | USA 70274103 | | | | | | |
| ROSYLANE-LLC MAURICE 5717 | USA 70274129 | | | | | | |
| ROSYLANE-LLC MAURICE 5752 | USA 72146430 | | | | | | |
| ROSYLANE-LLC MAURICE 5805 | USA 72146483 | | | C | | | |
| ROSYLANE-LLC MAURICE 5807 | USA 72146485 | | | | | | |
| ROSYLANE-LLC MAURICE 5848 | USA 72146526 | | | | | | |
| ROSYLANE-LLC MAURICE 5859 | USA 72146537 | | | | | | |
| ROSYLANE-LLC MAURICE 5863 | USA 72146541 | | | | | | |
| ROSYLANE-LLC MAURICE 5865 | USA 72146543 | | | | | | |
| ROSYLANE-LLC MAURICE 5866 | USA 72146544 | | | | | | |
| ROSYLANE-LLC MAURICE 5871 | USA 72146549 | | | | | | |
| ROSYLANE-LLC MAURICE 5876 | USA 72146554 | | | | | | |
| ROSYLANE-LLC MAURICE 5883 | USA 72146561 | | | | | | |
| ROSYLANE-LLC MAURICE 5885 | USA 72146563 | | | | | | |
| ROSYLANE-LLC MAURICE 5892 | USA 72146570 | | | | | | |
| ROSYLANE-LLC MAURICE 5913 | USA 72146591 | | | | | | |
| ROSYLANE-LLC MAURICE 5919 | USA 72146597 | | | | | | |
| ROSYLANE-LLC MAURICE 5921 | USA 72146599 | | | | | | |
| ROSYLANE-LLC MAURICE 5923 | USA 72146601 | | | | | | |
| ROSYLANE-LLC MAURICE 5925 | USA 72146603 | | | | | | |
| ROSYLANE-LLC MAURICE 5926 | USA 72146604 | | | | | | |
| ROSYLANE-LLC MAURICE 5927 | USA 72146605 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MAURICE 5928 | USA 72146606 | | | | | | |
| ROSYLANE-LLC MAURICE 5929 | USA 72146607 | | | | | | |
| ROSYLANE-LLC MAURICE 5931 | USA 72146609 | | | C | | | |
| ROSYLANE-LLC MAURICE 5932 | USA 72146610 | | | C | | | |
| ROSYLANE-LLC MAURICE 5935 | USA 72146613 | | | | | | |
| ROSYLANE-LLC MAURICE 5949 | USA 72146627 | | | | | | |
| ROSYLANE-LLC MAURICE 5954 | USA 72146632 | | | | | | |
| ROSYLANE-LLC MAURICE 5963 | USA 72146641 | | | | | | |
| ROSYLANE-LLC MAURICE 5964 | USA 72146642 | | | | | | |
| ROSYLANE-LLC MAURICE 5988 | USA 72146666 | | | C | | | |
| ROSYLANE-LLC MAURICE 5993 | USA 72146671 | | | | | | |
| ROSYLANE-LLC MAURICE 5994 | USA 72146672 | | | | | | |
| ROSYLANE-LLC MAURICE 7008 | USA 72146686 | | | | | | |
| ROSYLANE-LLC MAURICE 7010 | USA 72146688 | | | | | | |
| ROSYLANE-LLC MAURICE 7014 | USA 72146692 | | | | | | |
| ROSYLANE-LLC MAURICE 7015 | USA 72146693 | | | | | | |
| ROSYLANE-LLC MAURICE 7019 | USA 72146697 | | | | | | |
| ROSYLANE-LLC MAURICE 7021 | USA 72146699 | | | | | | |
| ROSYLANE-LLC MAURICE 7022 | USA 72146700 | | | | | | |
| ROSYLANE-LLC MAURICE 7023 | USA 72146701 | | | | | | |
| ROSYLANE-LLC MAURICE 7024 | USA 72146702 | | | | | | |
| ROSYLANE-LLC MAURICE 7027 | USA 72146705 | | | | | | |
| ROSYLANE-LLC MAURICE 7030 | USA 72146708 | | | | | | |
| ROSYLANE-LLC MAURICE 7032 | USA 72146710 | | | | | | |
| ROSYLANE-LLC MAURICE 7033 | USA 72146711 | | | | | | |
| ROSYLANE-LLC MAURICE 7036 | USA 72146714 | | | | | | |
| ROSYLANE-LLC MAURICE 7040 | USA 72146718 | | | | | | |
| ROSYLANE-LLC MAURICE 7051 | USA 72146729 | | | | | | |
| ROSYLANE-LLC MAURICE 7052 | USA 72146730 | | | | | | |
| ROSYLANE-LLC MAURICE 7054 | USA 72146732 | | | | | | |
| ROSYLANE-LLC MAURICE 7057 | USA 72146735 | | | | | | |
| ROSYLANE-LLC MAURICE 7067 | USA 72146745 | | | | | | |
| ROSYLANE-LLC MAURICE 7069 | USA 72146747 | | | | | | |
| ROSYLANE-LLC MAURICE 7074 | USA 72146752 | | | | | | |
| ROSYLANE-LLC MAURICE 7085 | USA 72146763 | | | | | | |
| ROSYLANE-LLC MAURICE 7094 | USA 72146772 | | | | | | |
| ROSYLANE-LLC MAURICE 7098 | USA 72146776 | | | | | | |
| ROSYLANE-LLC MAURICE 7099 | USA 72146777 | | | | | | |
| ROSYLANE-LLC MAURICE 7102 | USA 72146780 | | | | | | |
| ROSYLANE-LLC MAURICE 7103 | USA 72146781 | | | C | | | |
| ROSYLANE-LLC MAURICE 7113 | USA 72146791 | | | | | | |
| ROSYLANE-LLC MAURICE 7115 | USA 72146793 | | | | | | |
| ROSYLANE-LLC MAURICE 7118 | USA 72146796 | | | | | | |
| ROSYLANE-LLC MAURICE 7121 | USA 72146799 | | | | | | |
| ROSYLANE-LLC MAURICE 7126 | USA 72146804 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MAURICE 7145 | USA 72146823 | | | | | | |
| ROSYLANE-LLC MAURICE 7149 | USA 72146827 | | | | | | |
| ROSYLANE-LLC MAURICE 7156 | USA 72146834 | | | | | | |
| ROSYLANE-LLC MAURICE 7168 | USA 72146846 | | | C | | | |
| ROSYLANE-LLC MAURICE 7171 | USA 72146849 | | | | | | |
| ROSYLANE-LLC MAURICE 7203 | USA 72146881 | | | | | | |
| ROSYLANE-LLC MAURICE 7207 | USA 72146885 | | | C | | | |
| ROSYLANE-LLC MAURICE 7212 | USA 72146890 | | | | | | |
| ROSYLANE-LLC MAURICE 7222 | USA 72146900 | | | | | | |
| ROSYLANE-LLC MAURICE 7230 | USA 72146908 | | | | | | |
| ROSYLANE-LLC MAURICE 7261 | USA 72146939 | | | | | | |
| ROSYLANE-LLC MAURICE 7270 | USA 72146948 | | | | | | |
| ROSYLANE-LLC MAURICE 7272 | USA 72146950 | | | | | | |
| ROSYLANE-LLC MAURICE 7277 | USA 72146955 | | | | | | |
| ROSYLANE-LLC MAURICE 7279 | USA 72146957 | | | | | C | |
| ROSYLANE-LLC MAURICE 7332 | USA 72147010 | | | | | | |
| ROSYLANE-LLC MAURICE 7334 | USA 72147012 | | | | | C | |
| ROSYLANE-LLC MAURICE 7362 | USA 72147040 | | | | | | |
| ROSYLANE-LLC MAURICE5965-ET | USA 72146643 | | | | | | |
| ROSYLANE-LLC MAURICE5975-ET | USA 72146653 | | | | | | |
| ROSYLANE-LLC MAURICE7110-TW | USA 72146788 | | | | | | |
| ROSYLANE-LLC MELHOR 5561 | USA 70273973 | | | | | | |
| ROSYLANE-LLC MELHOR 5586 | USA 70273998 | | | | | | |
| ROSYLANE-LLC MELHOR 5661 | USA 70274073 | | | | | | |
| ROSYLANE-LLC METEOR 4893-ET | USA 69830591 | | | | | | |
| ROSYLANE-LLC METEOR 4899-ET | USA 69830597 | | | | | | |
| ROSYLANE-LLC METEOR 4922-ET | USA 69830620 | | | | | | |
| ROSYLANE-LLC METEOR 4923-ET | USA 69830621 | | | | | | |
| ROSYLANE-LLC METEOR 4935 | USA 69830633 | | | | | | |
| ROSYLANE-LLC METEOR 4967-ET | USA 69830665 | | | | | | |
| ROSYLANE-LLC METEOR 5062 | USA 69830760 | | | | | | |
| ROSYLANE-LLC METEOR 5064 | USA 69830762 | | | | | | |
| ROSYLANE-LLC METEOR 5074 | USA 69830772 | | | | | | |
| ROSYLANE-LLC METEOR 5094 | USA 69830792 | | | | | | |
| ROSYLANE-LLC METEOR 5419 | USA 70273831 | | | | | | |
| ROSYLANE-LLC MIDNIGHT 8028 | 840003126311683 | | | | | | |
| ROSYLANE-LLC MILKSHAKE 7799 | 840003126311454 | | | C | | | 3 |
| ROSYLANE-LLC MILKSHAKE 7804 | 840003126311459 | | | | | | |
| ROSYLANE-LLC MILKSHAKE 7811 | 840003126311466 | | | | | | |
| ROSYLANE-LLC MILKSHAKE 7812 | 840003126311467 | | | | | | |
| ROSYLANE-LLC MILKSHAKE 7817 | 840003126311472 | | | | | C | |
| ROSYLANE-LLC MILKSHAKE 7819 | 840003126311474 | | | | | | |
| ROSYLANE-LLC MILKSHAKE 7831 | 840003126311486 | | | | | | |
| ROSYLANE-LLC MLKSHK 7882-TW | 840003126311537 | | | | | | |
| ROSYLANE-LLC MOGUL 10226 | 840003132555516 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MOGUL 10227 | 840003132555517 | | | | | | |
| ROSYLANE-LLC MOGUL 7461-TW | USA 72147139 | | | | | | |
| ROSYLANE-LLC MOGUL 7462-TW | USA 72147140 | | | | | | |
| ROSYLANE-LLC MOGUL 7495 | USA 72147173 | | | | | C | |
| ROSYLANE-LLC MOGUL 7503-TW | USA 72147181 | | | | | | |
| ROSYLANE-LLC MOGUL 7504-TW | USA 72147182 | | | | | | |
| ROSYLANE-LLC MOGUL 7519 | USA 72147197 | | | | | | |
| ROSYLANE-LLC MOGUL 7520 | USA 72147198 | | | | | | |
| ROSYLANE-LLC MOGUL 7522 | USA 72147200 | | | | | | |
| ROSYLANE-LLC MOGUL 7526 | USA 72147204 | | | | | C | |
| ROSYLANE-LLC MOGUL 7533 | USA 72147211 | | | | | | |
| ROSYLANE-LLC MOGUL 7537 | USA 72147215 | | | | | | |
| ROSYLANE-LLC MOGUL 7544-TW | USA 72147222 | | | | | | |
| ROSYLANE-LLC MOGUL 7545-TW | USA 72147223 | | | | | | |
| ROSYLANE-LLC MOGUL 7552 | USA 72147230 | | | C | | | |
| ROSYLANE-LLC MOGUL 7573 | USA 72147251 | | | C | | C | |
| ROSYLANE-LLC MOGUL 7583 | USA 72147261 | | | | | | |
| ROSYLANE-LLC MOGUL 7592 | USA 72147270 | | | | | | |
| ROSYLANE-LLC MOGUL 7593 | USA 72147271 | | | | | | |
| ROSYLANE-LLC MOGUL 7613 | USA 72147291 | | | | | | |
| ROSYLANE-LLC MOGUL 7655-TW | USA 72147333 | | | | | | |
| ROSYLANE-LLC MOGUL 7656-TW | USA 72147334 | | | | | | |
| ROSYLANE-LLC MOGUL 7666 | USA 72147344 | | | | | | |
| ROSYLANE-LLC MOGUL 7671 | USA 72147349 | | | | | | |
| ROSYLANE-LLC MONARCH 7050 | USA 72146728 | | | | | | |
| ROSYLANE-LLC MONARCH 7064 | USA 72146742 | | | | | | |
| ROSYLANE-LLC MONARCH 7066 | USA 72146744 | | | | | | |
| ROSYLANE-LLC MONARCH 7070 | USA 72146748 | C | | | | | |
| ROSYLANE-LLC MONARCH 7075 | USA 72146753 | | | | | | |
| ROSYLANE-LLC MONARCH 7078 | USA 72146756 | | | | | | |
| ROSYLANE-LLC MONARCH 7087 | USA 72146765 | | | | | | |
| ROSYLANE-LLC MONARCH 7090 | USA 72146768 | | | | | | |
| ROSYLANE-LLC MONARCH 7101 | USA 72146779 | | | | | | |
| ROSYLANE-LLC MONARCH 7122 | USA 72146800 | | | | | | |
| ROSYLANE-LLC MONARCH 7144 | USA 72146822 | | | | | | |
| ROSYLANE-LLC MONARCH 7159 | USA 72146837 | | | | | | |
| ROSYLANE-LLC MONARCH 7161 | USA 72146839 | | | | | | |
| ROSYLANE-LLC MONARCH 7162 | USA 72146840 | | | | | | |
| ROSYLANE-LLC MONARCH 7172 | USA 72146850 | | | | | | |
| ROSYLANE-LLC MONARCH 7181 | USA 72146859 | | | | | | |
| ROSYLANE-LLC MONARCH 7186 | USA 72146864 | | | | | | |
| ROSYLANE-LLC MONARCH 7188 | USA 72146866 | | | | | | |
| ROSYLANE-LLC MONARCH 7202 | USA 72146880 | | | | | | |
| ROSYLANE-LLC MONARCH 7204 | USA 72146882 | | | | | | |
| ROSYLANE-LLC MONARCH 7225 | USA 72146903 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MONARCH 7227 | USA 72146905 | | | | | | |
| ROSYLANE-LLC MONARCH 7234 | USA 72146912 | | | | | | |
| ROSYLANE-LLC MONARCH 7246 | USA 72146924 | | | | | | |
| ROSYLANE-LLC MONARCH 7267 | USA 72146945 | | | | | | |
| ROSYLANE-LLC MONARCH 7273 | USA 72146951 | | | C | | | |
| ROSYLANE-LLC MONARCH 7285 | USA 72146963 | | | C | | | |
| ROSYLANE-LLC MONARCH 7293 | USA 72146971 | | | | | | |
| ROSYLANE-LLC MONARCH 7302 | USA 72146980 | | | | | | |
| ROSYLANE-LLC MONARCH 7304 | USA 72146982 | | | | | | |
| ROSYLANE-LLC MONARCH 7341 | USA 72147019 | | | | | | |
| ROSYLANE-LLC MONARCH 7373 | USA 72147051 | | | | | | |
| ROSYLANE-LLC MONARCH 7387 | USA 72147065 | | | | | | |
| ROSYLANE-LLC MONARCH 7391 | USA 72147069 | | | | | | |
| ROSYLANE-LLC MONARCH 7395 | USA 72147073 | | | | | | |
| ROSYLANE-LLC MONARCH 7398 | USA 72147076 | | | | | | |
| ROSYLANE-LLC MONARCH 7415 | USA 72147093 | | | | | | |
| ROSYLANE-LLC MONARCH 7418 | USA 72147096 | | | | | | |
| ROSYLANE-LLC MONARCH 7422 | USA 72147100 | | | | | | |
| ROSYLANE-LLC MONARCH 7425 | USA 72147103 | | | | | | |
| ROSYLANE-LLC MONARCH 7426 | USA 72147104 | | | | | | |
| ROSYLANE-LLC MONARCH 7430 | USA 72147108 | | | | | | |
| ROSYLANE-LLC MONARCH 7435 | USA 72147113 | | | | | | |
| ROSYLANE-LLC MONARCH 7436 | USA 72147114 | | | | | | |
| ROSYLANE-LLC MONARCH 7438 | USA 72147116 | | | | | | |
| ROSYLANE-LLC MONARCH 7442 | USA 72147120 | | | C | | | |
| ROSYLANE-LLC MONARCH 7443 | USA 72147121 | | | | | | |
| ROSYLANE-LLC MONARCH 7445 | USA 72147123 | | | | | | |
| ROSYLANE-LLC MONARCH 7448 | USA 72147126 | | | | | | |
| ROSYLANE-LLC MONARCH 7469 | USA 72147147 | | | | | | |
| ROSYLANE-LLC MONARCH 7510 | USA 72147188 | | | | | | |
| ROSYLANE-LLC MONARCH 7514 | USA 72147192 | | | | | | |
| ROSYLANE-LLC MONARCH 7521 | USA 72147199 | | | | | | |
| ROSYLANE-LLC MONARCH 7525 | USA 72147203 | | | | | | |
| ROSYLANE-LLC MONARCH 7530 | USA 72147208 | | | | | | |
| ROSYLANE-LLC MONARCH 7531 | USA 72147209 | | | | | | |
| ROSYLANE-LLC MONARCH 7616 | USA 72147294 | | | | | | |
| ROSYLANE-LLC MONARCH 7626 | USA 72147304 | | | | | | |
| ROSYLANE-LLC MONARCH7335-ET | USA 72147013 | | | | | | |
| ROSYLANE-LLC MONARCH7366-ET | USA 72147044 | | | | | | |
| ROSYLANE-LLC MONARCH7369-ET | USA 72147047 | | | | | | |
| ROSYLANE-LLC MONRCH 7611-TW | USA 72147289 | | | | | | |
| ROSYLANE-LLC MONRCH 7612-TW | USA 72147290 | | | | | | |
| ROSYLANE-LLC MOOKIE 8201 | 840003126311856 | | | | | | |
| ROSYLANE-LLC MORGAN 7020 | USA 72146698 | | | | | | |
| ROSYLANE-LLC MORGAN 7037 | USA 72146715 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC MORGAN 7059 | USA 72146737 | | | C | | C | |
| ROSYLANE-LLC MORGAN 7534 | USA 72147212 | | | | | C | |
| ROSYLANE-LLC MUTINY 5330 | USA 70273742 | | | C | | | |
| ROSYLANE-LLC MUTINY 5349 | USA 70273761 | | | | | | |
| ROSYLANE-LLC MUTINY 5351 | USA 70273763 | | | | | | |
| ROSYLANE-LLC MUTINY 5402 | USA 70273814 | | | C | | | |
| ROSYLANE-LLC MVP 7547 | USA 72147225 | | | | | | |
| ROSYLANE-LLC MVP 7559 | USA 72147237 | | | | | | |
| ROSYLANE-LLC NETBOOK 7271 | USA 72146949 | | | | | | |
| ROSYLANE-LLC NETWORTH 5032 | USA 69830730 | | | | | | 1 |
| ROSYLANE-LLC NIFTY 4122 | USA 65895626 | | | | | | |
| ROSYLANE-LLC NIFTY 4128 | USA 65895632 | | | | | | |
| ROSYLANE-LLC NIFTY 4210 | USA 65895714 | | | C | | | |
| ROSYLANE-LLC NIRVANA 7757 | 840003126311412 | | | | | | |
| ROSYLANE-LLC NIRVANA 7794 | 840003126311449 | | | | | | |
| ROSYLANE-LLC NOMINEE 7572 | USA 72147250 | | | | | | |
| ROSYLANE-LLC NOMINEE 7575 | USA 72147253 | | | | | | |
| ROSYLANE-LLC NOMINEE 7578 | USA 72147256 | | | | | | |
| ROSYLANE-LLC NOMINEE 7579 | USA 72147257 | | | | | | |
| ROSYLANE-LLC NOMINEE 7580 | USA 72147258 | | | | | | |
| ROSYLANE-LLC NOMINEE 7581 | USA 72147259 | | | | | | |
| ROSYLANE-LLC NOMINEE 7589 | USA 72147267 | | | | | | |
| ROSYLANE-LLC NOMINEE 7590 | USA 72147268 | | | | | | |
| ROSYLANE-LLC NOMINEE 7591 | USA 72147269 | | | | | | |
| ROSYLANE-LLC NOMINEE 7604 | USA 72147282 | | | | | | |
| ROSYLANE-LLC NOMINEE 7608 | USA 72147286 | | | C | | | |
| ROSYLANE-LLC NOMINEE 7609 | USA 72147287 | | | | | | |
| ROSYLANE-LLC NOMINEE 7622 | USA 72147300 | | | | | | |
| ROSYLANE-LLC NOMINEE 7625 | USA 72147303 | | | | | | |
| ROSYLANE-LLC NOMINEE 7627 | USA 72147305 | | | | | | |
| ROSYLANE-LLC NOMINEE 7629 | USA 72147307 | | | | | C | |
| ROSYLANE-LLC NOMINEE 7630 | USA 72147308 | | | | | | |
| ROSYLANE-LLC NOMINEE 7636 | USA 72147314 | | | | | | |
| ROSYLANE-LLC NOMINEE 7637 | USA 72147315 | | | | | | |
| ROSYLANE-LLC NOMINEE 7639 | USA 72147317 | | | | | | |
| ROSYLANE-LLC NOMINEE 7640 | USA 72147318 | | | | | | |
| ROSYLANE-LLC NOMINEE 7644 | USA 72147322 | | | | | | |
| ROSYLANE-LLC NOMINEE 7646 | USA 72147324 | | | | | | |
| ROSYLANE-LLC NOMINEE 7647 | USA 72147325 | | | C | | | |
| ROSYLANE-LLC NOMINEE 7648 | USA 72147326 | | | | | | |
| ROSYLANE-LLC NOMINEE 7649 | USA 72147327 | | | | | | |
| ROSYLANE-LLC NOMINEE 7651 | USA 72147329 | | | | | | |
| ROSYLANE-LLC NOMINEE 7659 | USA 72147337 | | | C | | | |
| ROSYLANE-LLC NOMINEE 7669 | USA 72147347 | | | | | | |
| ROSYLANE-LLC NOMINEE 7675 | USA 72147353 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC NOMINEE 7701 | USA 72147379 | | | | | | |
| ROSYLANE-LLC NOMINEE 7704 | USA 72147382 | | | | | | |
| ROSYLANE-LLC NOMINEE 7705 | USA 72147383 | | | | | | |
| ROSYLANE-LLC NOMINEE 7708 | USA 72147386 | | | | | | |
| ROSYLANE-LLC NOMINEE 7715 | USA 72147393 | | | | | | |
| ROSYLANE-LLC NTBK 7324-TRI | USA 72147002 | | | | | | |
| ROSYLANE-LLC NTBK 7325-TRI | USA 72147003 | | | | | | |
| ROSYLANE-LLC NTBK 7326-TRI | USA 72147004 | | | C | | | |
| ROSYLANE-LLC O MAN 2373 | USA 61686901 | | | C | | | |
| ROSYLANE-LLC O MAN 2454 | USA 61686982 | | | C | | | |
| ROSYLANE-LLC O MAN 2695 | USA 62114284 | | | C | | | |
| ROSYLANE-LLC O MAN 3853 | USA 65895357 | | | | | | |
| ROSYLANE-LLC O MAN 3876 | USA 65895380 | | | | | | |
| ROSYLANE-LLC O MAN 3950 | USA 65895454 | | | C | | | |
| ROSYLANE-LLC O MAN 3986 | USA 65895490 | | | C | | | 1 |
| ROSYLANE-LLC O MAN 4007 | USA 65895511 | | | C | | | |
| ROSYLANE-LLC O MAN 4062 | USA 65895566 | | | | | | |
| ROSYLANE-LLC O MAN 4090 | USA 65895594 | | | C | | | |
| ROSYLANE-LLC O MAN 4120 | USA 65895624 | | | C | | | |
| ROSYLANE-LLC O MAN 4129 | USA 65895633 | | | C | | | |
| ROSYLANE-LLC O MAN 4181 | USA 65895685 | | | | | | |
| ROSYLANE-LLC O MAN 4194 | USA 65895698 | | | C | | | |
| ROSYLANE-LLC O MAN 4237 | USA 65895741 | | | C | | | |
| ROSYLANE-LLC O MAN 4243 | USA 65895747 | | | C | | | |
| ROSYLANE-LLC O MAN 4292 | USA 68601367 | | | | | | |
| ROSYLANE-LLC O MAN 4315 | USA 68601390 | | | | | | |
| ROSYLANE-LLC O MAN 4364 | USA 68601439 | | | C | | | |
| ROSYLANE-LLC O MAN 4379 | USA 68601454 | | | C | | | |
| ROSYLANE-LLC O MAN 4406 | USA 68601481 | | | C | | | |
| ROSYLANE-LLC O MAN 4408 | USA 68601483 | | | C | | | |
| ROSYLANE-LLC O MAN 4575 | USA 68601650 | | | | | | |
| ROSYLANE-LLC OAK 7170-ET | USA 72146848 | | | | | | |
| ROSYLANE-LLC OAK 7174 | USA 72146852 | | | C | | | |
| ROSYLANE-LLC OAK 7179 | USA 72146857 | | | | | | |
| ROSYLANE-LLC OAK 7187 | USA 72146865 | | | | | | |
| ROSYLANE-LLC OAK 7189-ET | USA 72146867 | | | | | | |
| ROSYLANE-LLC OAK 7198 | USA 72146876 | | | | | | |
| ROSYLANE-LLC OAK 7200 | USA 72146878 | | | | | | |
| ROSYLANE-LLC OAK 7209 | USA 72146887 | | | | | | |
| ROSYLANE-LLC OAK 7217 | USA 72146895 | | | | | | |
| ROSYLANE-LLC OAK 7238-ET | USA 72146916 | | | | | | |
| ROSYLANE-LLC OAK 7255 | USA 72146933 | | | | | | |
| ROSYLANE-LLC OAK 7257-ETS | USA 72146935 | | | | | | |
| ROSYLANE-LLC OAK 7258-ETS | USA 72146936 | | | | | | |
| ROSYLANE-LLC OAK 7263-ET | USA 72146941 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC OAK 7266 | USA 72146944 | | | C | | | |
| ROSYLANE-LLC OAK 7274 | USA 72146952 | | | | | | |
| ROSYLANE-LLC OAK 7276-ET | USA 72146954 | | | | | | |
| ROSYLANE-LLC OAK 7278 | USA 72146956 | | | C | | | |
| ROSYLANE-LLC OAK 7291 | USA 72146969 | | | | | | |
| ROSYLANE-LLC OAK 7294 | USA 72146972 | | | | | | |
| ROSYLANE-LLC OAK 7307 | USA 72146985 | | | | | | |
| ROSYLANE-LLC OAK 7320 | USA 72146998 | | | | | | |
| ROSYLANE-LLC OAK 7340-TW | USA 72147018 | | | | | | |
| ROSYLANE-LLC OAK 7346 | USA 72147024 | | | | | | |
| ROSYLANE-LLC OAK 7364 | USA 72147042 | | | | | | |
| ROSYLANE-LLC OAK 7365 | USA 72147043 | C | | | | | |
| ROSYLANE-LLC OAK 7381 | USA 72147059 | | | | | | |
| ROSYLANE-LLC OAK 7384 | USA 72147062 | | | | | | |
| ROSYLANE-LLC OAK 7416 | USA 72147094 | | | | | | |
| ROSYLANE-LLC OAK 7417 | USA 72147095 | | | | | | |
| ROSYLANE-LLC OAK 7437 | USA 72147115 | | | | | | |
| ROSYLANE-LLC OAK 7449 | USA 72147127 | | | | | | |
| ROSYLANE-LLC OBSERVER 5166 | USA 69830864 | | | | | | |
| ROSYLANE-LLC OBSERVER 5170 | USA 69830868 | | | | | | 3 |
| ROSYLANE-LLC OBSERVER 5179 | USA 69830877 | | | | | | |
| ROSYLANE-LLC OBSERVER 5183 | USA 69830881 | | | | | | |
| ROSYLANE-LLC OBSERVER 5202 | USA 69830900 | | | | | | |
| ROSYLANE-LLC OBSERVER 5210 | USA 69830908 | | | | | | |
| ROSYLANE-LLC OCTAVIA8117-ET | 840003126311772 | | | | | | |
| ROSYLANE-LLC OHARE-P7321-ET | USA 72146999 | | | | | | |
| ROSYLANE-LLC OMAN 2940 | USA 62114329 | | | C | | | |
| ROSYLANE-LLC OMAN 2955 | USA 62114344 | | | C | | | |
| ROSYLANE-LLC OMAN 2966 | USA 62114355 | | | | | | 1 |
| ROSYLANE-LLC OMAN 3196-TW | USA 62786245 | | | C | | | |
| ROSYLANE-LLC OUTACITE 7873 | 840003126311528 | | | | | | |
| ROSYLANE-LLC PARADISE 5699 | USA 70274111 | | | | | | |
| ROSYLANE-LLC PARADISE 5702 | USA 70274114 | | | | | | |
| ROSYLANE-LLC PARADISE 5722 | USA 70274134 | | | | | | |
| ROSYLANE-LLC PARADISE 5726 | USA 70274138 | | | | | | |
| ROSYLANE-LLC PARADISE 5737 | USA 70274149 | | | | | | |
| ROSYLANE-LLC PARADISE 5743 | USA 70274155 | | | | | | |
| ROSYLANE-LLC PARADISE 5786 | USA 72146464 | | | | | | |
| ROSYLANE-LLC PARADISE 5787 | USA 72146465 | | | | | | |
| ROSYLANE-LLC PARADISE 5797 | USA 72146475 | | | C | | | |
| ROSYLANE-LLC PARADISE 5800 | USA 72146478 | | | C | | | |
| ROSYLANE-LLC PARKER 4978-ET | USA 69830676 | | | | | | |
| ROSYLANE-LLC PATENT 5777 | USA 72146455 | | | | | | |
| ROSYLANE-LLC PATENT 5824 | USA 72146502 | | | | | | |
| ROSYLANE-LLC PATENT 5827 | USA 72146505 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC PATENT 5844 | USA 72146522 | | | C | | | |
| ROSYLANE-LLC PATRONE 7634 | USA 72147312 | | | | | | |
| ROSYLANE-LLC PEMBRK5151-RED | USA 69830849 | | | C | | | |
| ROSYLANE-LLC PERRY 5498 | USA 70273910 | | | | | | |
| ROSYLANE-LLC PERRY 5512 | USA 70273924 | | | | | | |
| ROSYLANE-LLC PERRY 5515 | USA 70273927 | | | C | | | |
| ROSYLANE-LLC PERRY 5644 | USA 70274056 | | | C | | | |
| ROSYLANE-LLC PERRY 5685 | USA 70274097 | | | | | | |
| ROSYLANE-LLC PETRONE 5715 | USA 70274127 | | | | | | |
| ROSYLANE-LLC PETRONE 5730 | USA 70274142 | | | | | | |
| ROSYLANE-LLC PETRONE 5753 | USA 72146431 | | | | | | |
| ROSYLANE-LLC PETRONE 5771 | USA 72146449 | | | | | | |
| ROSYLANE-LLC PETRONE 5784 | USA 72146462 | | | | | | |
| ROSYLANE-LLC PETRONE 5794 | USA 72146472 | | | | | | |
| ROSYLANE-LLC PETRONE 5835 | USA 72146513 | | | | | | |
| ROSYLANE-LLC PETRONE 5857 | USA 72146535 | | | | | | |
| ROSYLANE-LLC PETRONE 5858 | USA 72146536 | | | | | | |
| ROSYLANE-LLC PETRONE 5870 | USA 72146548 | | | | | C | |
| ROSYLANE-LLC PETRONE 5875 | USA 72146553 | | | | | | |
| ROSYLANE-LLC PETRONE 7058 | USA 72146736 | | | | | | |
| ROSYLANE-LLC PETRONE 7060 | USA 72146738 | | | | | | |
| ROSYLANE-LLC PETRONE 7061 | USA 72146739 | | | | | | |
| ROSYLANE-LLC PETRONE 7068 | USA 72146746 | | | | | | |
| ROSYLANE-LLC PETRONE 7073 | USA 72146751 | | | | | | |
| ROSYLANE-LLC PETRONE 7092 | USA 72146770 | | | | | | |
| ROSYLANE-LLC PETRONE 7104 | USA 72146782 | | | | | | |
| ROSYLANE-LLC PETRONE 7111 | USA 72146789 | | | | | | |
| ROSYLANE-LLC PETRONE 7124 | USA 72146802 | | | | | | 3 |
| ROSYLANE-LLC PETRONE 7136 | USA 72146814 | | | | | | |
| ROSYLANE-LLC PETRONE 7138 | USA 72146816 | | | | | | |
| ROSYLANE-LLC PETRONE 7140 | USA 72146818 | | | | | | |
| ROSYLANE-LLC PETRONE 7143 | USA 72146821 | | | | | | |
| ROSYLANE-LLC PETRONE 7153 | USA 72146831 | | | | | | |
| ROSYLANE-LLC PETRONE 7157 | USA 72146835 | | | | | | |
| ROSYLANE-LLC PETRONE 7163 | USA 72146841 | | | | | | |
| ROSYLANE-LLC PETRONE 7166 | USA 72146844 | | | | | | |
| ROSYLANE-LLC PETRONE 7169 | USA 72146847 | | | | | | |
| ROSYLANE-LLC PETRONE 7216 | USA 72146894 | | | | | | |
| ROSYLANE-LLC PETRONE 7338 | USA 72147016 | | | | | | |
| ROSYLANE-LLC PETRONE 7347 | USA 72147025 | | | | | | |
| ROSYLANE-LLC PETRONE 7623 | USA 72147301 | | | | | | |
| ROSYLANE-LLC PETRONE 7633 | USA 72147311 | | | C | | | |
| ROSYLANE-LLC PETRONE7134-ET | USA 72146812 | | | | | | |
| ROSYLANE-LLC PETRONE7328-TW | USA 72147006 | | | | | | |
| ROSYLANE-LLC PETRONE7329-TW | USA 72147007 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC PETRONE7597-TW | USA 72147275 | | | | | | |
| ROSYLANE-LLC PETRONE7598-TW | USA 72147276 | | | C | | | |
| ROSYLANE-LLC PINCHER 7781 | 840003126311436 | | | | | | |
| ROSYLANE-LLC PINCHER 7793 | 840003126311448 | | | | | | |
| ROSYLANE-LLC PINCHER 7815 | 840003126311470 | | | | | | |
| ROSYLANE-LLC PINCHER 7816 | 840003126311471 | | | | | | |
| ROSYLANE-LLC PINCHER 7836 | 840003126311491 | | | | | | |
| ROSYLANE-LLC PIONEER 5587 | USA 70273999 | | | | | | |
| ROSYLANE-LLC PIONEER 5605 | USA 70274017 | | | | | | |
| ROSYLANE-LLC PIONEER 5614 | USA 70274026 | | | | | C | |
| ROSYLANE-LLC PIONEER 5638 | USA 70274050 | | | | | | |
| ROSYLANE-LLC PIONEER 5645 | USA 70274057 | | | C | | | |
| ROSYLANE-LLC PIONEER 5646 | USA 70274058 | | | | | | |
| ROSYLANE-LLC PIONEER 5658 | USA 70274070 | | | C | | | |
| ROSYLANE-LLC PIONEER 5682 | USA 70274094 | C | | | | | |
| ROSYLANE-LLC PIONEER 5701 | USA 70274113 | | | | | | |
| ROSYLANE-LLC PIONEER 5706 | USA 70274118 | | | | | | |
| ROSYLANE-LLC PIONEER 5712 | USA 70274124 | | | | | | |
| ROSYLANE-LLC PLANET 4183 | USA 65895687 | | | | | | |
| ROSYLANE-LLC PLANET 4184 | USA 65895688 | | | C | | | |
| ROSYLANE-LLC PLANET 4209 | USA 65895713 | | | | | | |
| ROSYLANE-LLC PLANET 4235 | USA 65895739 | | | | | | |
| ROSYLANE-LLC PLANET 4240 | USA 65895744 | | | | | | |
| ROSYLANE-LLC PLANET 4241 | USA 65895745 | | | | | | |
| ROSYLANE-LLC PLANET 4254 | USA 68601329 | | | C | | | |
| ROSYLANE-LLC PLANET 4300 | USA 68601375 | | | | | | |
| ROSYLANE-LLC PLANET 4324 | USA 68601399 | | | | | | |
| ROSYLANE-LLC PLANET 4393 | USA 68601468 | | | | | | |
| ROSYLANE-LLC PLANET 4395 | USA 68601470 | | | | | | |
| ROSYLANE-LLC PLANET 4407 | USA 68601482 | | | | | | |
| ROSYLANE-LLC PLANET 4410 | USA 68601485 | | | | | | |
| ROSYLANE-LLC PLANET 4413 | USA 68601488 | | | | | | 1 |
| ROSYLANE-LLC PLANET 4415 | USA 68601490 | | | | | | |
| ROSYLANE-LLC PLANET 4421 | USA 68601496 | | | | | | |
| ROSYLANE-LLC PLANET 4423-TW | USA 68601498 | | | C | | | |
| ROSYLANE-LLC PLANET 4424-TW | USA 68601499 | | | C | | | |
| ROSYLANE-LLC PLANET 4559-ET | USA 68601634 | | | | | | |
| ROSYLANE-LLC PLANET 4678 | USA 68601753 | | | | | | |
| ROSYLANE-LLC PONDER 7852 | 840003126311507 | | | | | | |
| ROSYLANE-LLC PONDER 7853 | 840003126311508 | | | | | | |
| ROSYLANE-LLC PONDER 7862 | 840003126311517 | | | | | | |
| ROSYLANE-LLC PONDER 7864 | 840003126311519 | | | C | | | |
| ROSYLANE-LLC PONDER 7865 | 840003126311520 | | | | | | |
| ROSYLANE-LLC PONDER 7885 | 840003126311540 | C | | | | | |
| ROSYLANE-LLC PONDER 7893 | 840003126311548 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC PONDER 7895 | 840003126311550 | | | | | | |
| ROSYLANE-LLC PONDER 7909 | 840003126311564 | | | | | | |
| ROSYLANE-LLC PONDER 7922 | 840003126311577 | | | | | | |
| ROSYLANE-LLC PONDER 7937 | 840003126311592 | | | | | | |
| ROSYLANE-LLC PONDER 8046 | 840003126311701 | | | | | | |
| ROSYLANE-LLC PONDER 8075 | 840003126311730 | | | | | | |
| ROSYLANE-LLC PONDER 8076 | 840003126311731 | | | | | | |
| ROSYLANE-LLC PONDER 8154 | 840003126311809 | | | | | | |
| ROSYLANE-LLC PREDESTIN 7388 | USA 72147066 | | | | | | 3 |
| ROSYLANE-LLC PREDESTIN 7396 | USA 72147074 | | | | | | 3 |
| ROSYLANE-LLC PREDESTIN 7400 | USA 72147078 | | | | | | |
| ROSYLANE-LLC PREDESTIN 7439 | USA 72147117 | | | | | | |
| ROSYLANE-LLC PREDESTINE7345 | USA 72147023 | | | | | | |
| ROSYLANE-LLC PREDESTINE7352 | USA 72147030 | | | | | | 3 |
| ROSYLANE-LLC PREDESTINE7374 | USA 72147052 | | | | | | |
| ROSYLANE-LLC PREDESTINE7376 | USA 72147054 | | | | | | |
| ROSYLANE-LLC PREDESTINE7380 | USA 72147058 | | | | | | 3 |
| ROSYLANE-LLC PREDESTINE7382 | USA 72147060 | | | | | | |
| ROSYLANE-LLC PREDESTINE7386 | USA 72147064 | | | | | | |
| ROSYLANE-LLC PTRONE 7146-TW | USA 72146824 | | | | | | |
| ROSYLANE-LLC PTRONE 7148-TW | USA 72146826 | | | | | | |
| ROSYLANE-LLC RACER 7670 | USA 72147348 | | | | | | |
| ROSYLANE-LLC RACER 7673 | USA 72147351 | | | | | | |
| ROSYLANE-LLC RAMOS 3117 | USA 62786166 | | | | | | |
| ROSYLANE-LLC RAMOS 3253 | USA 63235010 | | | | | | |
| ROSYLANE-LLC RAMOS 3333 | USA 63235090 | | | | | | |
| ROSYLANE-LLC RAMOS 3360 | USA 63235117 | | | | | | |
| ROSYLANE-LLC RAMOS 3391 | USA 63235148 | | | C | | | |
| ROSYLANE-LLC RAMOS 3417 | USA 63235174 | | | | | | |
| ROSYLANE-LLC RAMOS 3421 | USA 63235178 | | | | | | |
| ROSYLANE-LLC RAMOS 3435 | USA 63235192 | | | | | | |
| ROSYLANE-LLC RAMOS 3486 | USA 63235243 | | | | | | |
| ROSYLANE-LLC RAMOS 3562 | USA 64499400 | | | | | | |
| ROSYLANE-LLC RAMOS 3583 | USA 64499421 | | | | | | |
| ROSYLANE-LLC RAMOS 3590 | USA 64499428 | | | | | | |
| ROSYLANE-LLC RAMOS 3643 | USA 64499481 | | | | | | |
| ROSYLANE-LLC RAMOS 3981 | USA 65895485 | | | | | | |
| ROSYLANE-LLC RAMOS 4003 | USA 65895507 | | | | | | |
| ROSYLANE-LLC RAMOS 4055 | USA 65895559 | | | C | | | |
| ROSYLANE-LLC RAMOS 4110 | USA 65895614 | | | C | | | |
| ROSYLANE-LLC RAMOS 4124 | USA 65895628 | | | | | | |
| ROSYLANE-LLC RAMOS 4132 | USA 65895636 | | | C | | | |
| ROSYLANE-LLC RAMOS 4135 | USA 65895639 | | | | | | |
| ROSYLANE-LLC RAMOS 4141 | USA 65895645 | | | | | | |
| ROSYLANE-LLC RAMOS 4146-TW | USA 65895650 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC RAMOS 4147-TW | USA 65895651 | | | | | | |
| ROSYLANE-LLC RAMOS 4158 | USA 65895662 | | | | | | |
| ROSYLANE-LLC RAMOS 4172 | USA 65895676 | | | | | | |
| ROSYLANE-LLC RAMOS 4197 | USA 65895701 | | | | | | |
| ROSYLANE-LLC RAMOS 4204 | USA 65895708 | | | | | | |
| ROSYLANE-LLC RAMOS 4207 | USA 65895711 | | | | | | |
| ROSYLANE-LLC RAMOS 4222 | USA 65895726 | | | | | | |
| ROSYLANE-LLC RAMOS 4229 | USA 65895733 | | | | | | |
| ROSYLANE-LLC RAMOS 4234 | USA 65895738 | | | | | | |
| ROSYLANE-LLC RAMOS 4239 | USA 65895743 | | | | | | |
| ROSYLANE-LLC RAMOS 4246-TW | USA 65895750 | | | | | | |
| ROSYLANE-LLC RAMOS 4256 | USA 68601331 | | | | | | |
| ROSYLANE-LLC RAMOS 4263 | USA 68601338 | | | | | | |
| ROSYLANE-LLC RAMOS 4267 | USA 68601342 | | | | | | |
| ROSYLANE-LLC RAMOS 4271-TW | USA 68601346 | | | C | | | |
| ROSYLANE-LLC RAMOS 4273 | USA 68601348 | | | C | | | |
| ROSYLANE-LLC RAMOS 4276 | USA 68601351 | | | | | | |
| ROSYLANE-LLC RAMOS 4277 | USA 68601352 | | | | | | |
| ROSYLANE-LLC RAMOS 4299 | USA 68601374 | | | | | | |
| ROSYLANE-LLC RAMOS 4301-TRI | USA 68601376 | | | | | | |
| ROSYLANE-LLC RAMOS 4302-TRI | USA 68601377 | | | | | | |
| ROSYLANE-LLC RAMOS 4303-TRI | USA 68601378 | | | | | | |
| ROSYLANE-LLC RAMOS 4329 | USA 68601404 | | | | | | |
| ROSYLANE-LLC RAMOS 4332 | USA 68601407 | | | | | | |
| ROSYLANE-LLC RAMOS 4334 | USA 68601409 | | | | | | |
| ROSYLANE-LLC RAMOS 4349 | USA 68601424 | | | | | | |
| ROSYLANE-LLC RAMOS 4356-TW | USA 68601431 | | | C | | | |
| ROSYLANE-LLC RAMOS 4362 | USA 68601437 | | | C | | | |
| ROSYLANE-LLC RAMOS 4394 | USA 68601469 | | | | | | |
| ROSYLANE-LLC RAMOS 4543 | USA 68601618 | | | | | | |
| ROSYLANE-LLC RANSOM 5968 | USA 72146646 | | | | | | |
| ROSYLANE-LLC RANSOM 7009 | USA 72146687 | | | | | | |
| ROSYLANE-LLC RANSOM 7034 | USA 72146712 | | | | | | |
| ROSYLANE-LLC REEVES 5106 | USA 69830804 | | | | | | |
| ROSYLANE-LLC REEVES 5188 | USA 69830886 | | | | | | 1 |
| ROSYLANE-LLC REFLECTOR 8072 | 840003126311727 | | | C | | | |
| ROSYLANE-LLC RODGERS 7678 | USA 72147356 | | | | | | |
| ROSYLANE-LLC RODGERS 7684 | USA 72147362 | | | | | | |
| ROSYLANE-LLC RODGERS 7692 | USA 72147370 | | | | | | |
| ROSYLANE-LLC RODGERS 7698 | USA 72147376 | | | | | | |
| ROSYLANE-LLC RODGERS 7700 | USA 72147378 | | | | | | |
| ROSYLANE-LLC RODGERS 7716 | USA 72147394 | | | | | | |
| ROSYLANE-LLC RODGERS 7720 | USA 72147398 | | | | | | |
| ROSYLANE-LLC RODGERS 7732 | USA 72147410 | | | | | | |
| ROSYLANE-LLC RODGERS 7735 | USA 72147413 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC RODGERS 7738 | USA 72147416 | | | | | | |
| ROSYLANE-LLC RODGERS 7746 | USA 72147424 | | | C | | | |
| ROSYLANE-LLC RODGERS 7750 | 840003126311405 | | | | | | |
| ROSYLANE-LLC RODGERS 7753 | 840003126311408 | | | | | | |
| ROSYLANE-LLC RODGERS 7754 | 840003126311409 | | | | | | |
| ROSYLANE-LLC RODGERS 7755 | 840003126311410 | | | | | | |
| ROSYLANE-LLC RODGERS 7756 | 840003126311411 | | | | | C | |
| ROSYLANE-LLC RODGERS 7758 | 840003126311413 | | | | | | |
| ROSYLANE-LLC RODGERS 7761 | 840003126311416 | | | | | | |
| ROSYLANE-LLC RODGERS 7762 | 840003126311417 | | | | | C | |
| ROSYLANE-LLC RODGERS 7763 | 840003126311418 | | | | | | |
| ROSYLANE-LLC RODGERS 7764 | 840003126311419 | | | | | | |
| ROSYLANE-LLC RODGERS 7766 | 840003126311421 | | | | | | |
| ROSYLANE-LLC RODGERS 7767 | 840003126311422 | | | | | | |
| ROSYLANE-LLC RODGERS 7772 | 840003126311427 | | | | | | |
| ROSYLANE-LLC RODGERS 7773 | 840003126311428 | | | | | | |
| ROSYLANE-LLC RODGERS 7783 | 840003126311438 | | | | | | |
| ROSYLANE-LLC RODGERS 7805 | 840003126311460 | | | | | | |
| ROSYLANE-LLC RODGERS 7807 | 840003126311462 | | | | | C | |
| ROSYLANE-LLC RODGERS 7810 | 840003126311465 | | | | | | |
| ROSYLANE-LLC RODGERS 7813 | 840003126311468 | | | | | | |
| ROSYLANE-LLC RODGERS 7823 | 840003126311478 | | | | | | |
| ROSYLANE-LLC RODGERS 7829 | 840003126311484 | | | | | | |
| ROSYLANE-LLC RODGERS 7941 | 840003126311596 | | | | | | |
| ROSYLANE-LLC RODGERS 7945 | 840003126311600 | | | | | | |
| ROSYLANE-LLC RODGERS 8068 | 840003126311723 | | | C | | | |
| ROSYLANE-LLC RODGERS 8070 | 840003126311725 | | | | | | |
| ROSYLANE-LLC RUDY 4087 | USA 65895591 | C | | | | | |
| ROSYLANE-LLC RUSSELL4809-ET | USA 69830507 | | | C | | | |
| ROSYLANE-LLC SAMOA 5471 | USA 70273883 | | | | | C | |
| ROSYLANE-LLC SAMOA 5492 | USA 70273904 | | | C | | | |
| ROSYLANE-LLC SAMOA 5506 | USA 70273918 | | | C | | | |
| ROSYLANE-LLC SCHATZE 5058 | USA 69830756 | | | | | C | |
| ROSYLANE-LLC SEATLE 5838-TW | USA 72146516 | | | | | | |
| ROSYLANE-LLC SEATLE 5839-TW | USA 72146517 | | | | | | |
| ROSYLANE-LLC SEATTLE 5723 | USA 70274135 | | | | | | |
| ROSYLANE-LLC SEATTLE 5747 | USA 70274159 | | | | | | |
| ROSYLANE-LLC SEATTLE 5781 | USA 72146459 | | | | | | |
| ROSYLANE-LLC SEATTLE 5798 | USA 72146476 | | | | | | |
| ROSYLANE-LLC SHAMRCK1612-TW | USA 70274024 | | | | | | |
| ROSYLANE-LLC SHAMRCK5442-ET | USA 70273854 | | | | | | |
| ROSYLANE-LLC SHAMRCK5449-ET | USA 70273861 | | | | | | |
| ROSYLANE-LLC SHAMRCK5489-ET | USA 70273901 | | | | | | |
| ROSYLANE-LLC SHAMRCK5524-TW | USA 70273936 | | | C | | | |
| ROSYLANE-LLC SHAMRCK5525-TW | USA 70273937 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SHAMRCK5535-ET | USA 70273947 | | | | | | |
| ROSYLANE-LLC SHAMRCK5608-TW | USA 70274020 | | | | | | |
| ROSYLANE-LLC SHAMRCK5609-TW | USA 70274021 | | | | | | |
| ROSYLANE-LLC SHAMRCK5613-TW | USA 70274025 | | | | | | |
| ROSYLANE-LLC SHAMRCK5676-TW | USA 70274088 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5321 | USA 70273733 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5331 | USA 70273743 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5337 | USA 70273749 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5355 | USA 70273767 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5356 | USA 70273768 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5373 | USA 70273785 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5384 | USA 70273796 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5397 | USA 70273809 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5403 | USA 70273815 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5406 | USA 70273818 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5410 | USA 70273822 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5429 | USA 70273841 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5430 | USA 70273842 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5431 | USA 70273843 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5434 | USA 70273846 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5448 | USA 70273860 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5451 | USA 70273863 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5455 | USA 70273867 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5461 | USA 70273873 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5462 | USA 70273874 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5463 | USA 70273875 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5469 | USA 70273881 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5477 | USA 70273889 | | | | | C | |
| ROSYLANE-LLC SHAMROCK 5478 | USA 70273890 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5480 | USA 70273892 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5481 | USA 70273893 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5484 | USA 70273896 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5487 | USA 70273899 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5490 | USA 70273902 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5491 | USA 70273903 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5499 | USA 70273911 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5500 | USA 70273912 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5507 | USA 70273919 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5509 | USA 70273921 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5520 | USA 70273932 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5523 | USA 70273935 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5526 | USA 70273938 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5537 | USA 70273949 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5538 | USA 70273950 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5547 | USA 70273959 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SHAMROCK 5548 | USA 70273960 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5552 | USA 70273964 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5554 | USA 70273966 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5562 | USA 70273974 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5565 | USA 70273977 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5572 | USA 70273984 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5573 | USA 70273985 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5576 | USA 70273988 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5577 | USA 70273989 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5579 | USA 70273991 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5590 | USA 70274002 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5597 | USA 70274009 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5601 | USA 70274013 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5607 | USA 70274019 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5610 | USA 70274022 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5615 | USA 70274027 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5620 | USA 70274032 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5621 | USA 70274033 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5625 | USA 70274037 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5629 | USA 70274041 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5630 | USA 70274042 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5632 | USA 70274044 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5633 | USA 70274045 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5647 | USA 70274059 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5648 | USA 70274060 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5649 | USA 70274061 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5650 | USA 70274062 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5657 | USA 70274069 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5659 | USA 70274071 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5660 | USA 70274072 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5670 | USA 70274082 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5680 | USA 70274092 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5686 | USA 70274098 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5694 | USA 70274106 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5697 | USA 70274109 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5703 | USA 70274115 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5745 | USA 70274157 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5748 | USA 70274160 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5751 | USA 72146429 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5754 | USA 72146432 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5755 | USA 72146433 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5756 | USA 72146434 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5757 | USA 72146435 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5758 | USA 72146436 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5760 | USA 72146438 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SHAMROCK 5761 | USA 72146439 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5767 | USA 72146445 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5769 | USA 72146447 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5772 | USA 72146450 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5773 | USA 72146451 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5775 | USA 72146453 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5776 | USA 72146454 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5780 | USA 72146458 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5785 | USA 72146463 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5788 | USA 72146466 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5792 | USA 72146470 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5796 | USA 72146474 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 5801 | USA 72146479 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5806 | USA 72146484 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5818 | USA 72146496 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5821 | USA 72146499 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5843 | USA 72146521 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5851 | USA 72146529 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5860 | USA 72146538 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5864 | USA 72146542 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5868 | USA 72146546 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5886 | USA 72146564 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5910 | USA 72146588 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5966 | USA 72146644 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5970 | USA 72146648 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5974 | USA 72146652 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5976 | USA 72146654 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5980 | USA 72146658 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5984 | USA 72146662 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5985 | USA 72146663 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5986 | USA 72146664 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5989 | USA 72146667 | | | | | | |
| ROSYLANE-LLC SHAMROCK 5999 | USA 72146677 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 7000 | USA 72146678 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7002 | USA 72146680 | C | | | | | |
| ROSYLANE-LLC SHAMROCK 7003 | USA 72146681 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7011 | USA 72146689 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7018 | USA 72146696 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7025 | USA 72146703 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7039 | USA 72146717 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7056 | USA 72146734 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7063 | USA 72146741 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7076 | USA 72146754 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7081 | USA 72146759 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7086 | USA 72146764 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SHAMROCK 7091 | USA 72146769 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7105 | USA 72146783 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7128 | USA 72146806 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7137 | USA 72146815 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7241 | USA 72146919 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 7290 | USA 72146968 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7322 | USA 72147000 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 7323 | USA 72147001 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7327 | USA 72147005 | | | C | | | |
| ROSYLANE-LLC SHAMROCK 7331 | USA 72147009 | | | | | | |
| ROSYLANE-LLC SHAMROCK 7447 | USA 72147125 | | | C | | | |
| ROSYLANE-LLC SHERAC 5204-ET | USA 69830902 | | | | | | |
| ROSYLANE-LLC SHERAC 5221-ET | USA 69830919 | | | C | | | |
| ROSYLANE-LLC SHMRCK 5710-TW | USA 70274122 | | | | | | |
| ROSYLANE-LLC SHMRCK 5711-TW | USA 70274123 | | | | | | |
| ROSYLANE-LLC SHMRCK 7016-TW | USA 72146694 | | | | | | |
| ROSYLANE-LLC SHMRCK 7017-TW | USA 72146695 | | | | | | |
| ROSYLANE-LLC SHOTTLE 4236 | USA 65895740 | | | C | | C | |
| ROSYLANE-LLC SHOTTLE 4285 | USA 68601360 | | | | | C | |
| ROSYLANE-LLC SHOTTLE 4290 | USA 68601365 | | | | | C | |
| ROSYLANE-LLC SHOTTLE 4346 | USA 68601421 | | | | | | |
| ROSYLANE-LLC SHOTTLE 4380 | USA 68601455 | | | | | C | |
| ROSYLANE-LLC SHOTTLE 4389 | USA 68601464 | | | | | C | |
| ROSYLANE-LLC SHOTTLE 4401 | USA 68601476 | | | | | | |
| ROSYLANE-LLC SHOTTLE 4403 | USA 68601478 | | | | | | |
| ROSYLANE-LLC SHOTTLE 4707 | USA 68601782 | | | | | | |
| ROSYLANE-LLC SILVER 7907-ET | 840003126311562 | | | | | | |
| ROSYLANE-LLC SILVER 7916-ET | 840003126311571 | | | | | | |
| ROSYLANE-LLC SILVER 7939-ET | 840003126311594 | | | | | | |
| ROSYLANE-LLC SILVER 7944-ET | 840003126311599 | | | | | | |
| ROSYLANE-LLC SOTO 4938 | USA 69830636 | | | | | | |
| ROSYLANE-LLC SOTO 5009-ET | USA 69830707 | | | | | | |
| ROSYLANE-LLC SPSIRE 5998-ET | USA 72146676 | | | | | | |
| ROSYLANE-LLC SPSIRE 7055-ET | USA 72146733 | | | | | | |
| ROSYLANE-LLC SPSIRE 7586-TW | USA 72147264 | | | C | | | |
| ROSYLANE-LLC SPSIRE 7587-TW | USA 72147265 | | | C | | | |
| ROSYLANE-LLC STEWART 5718 | USA 70274130 | | | | | | |
| ROSYLANE-LLC STEWART 5888 | USA 72146566 | | | | | | |
| ROSYLANE-LLC STOIC 7808 | 840003126311463 | | | | | | |
| ROSYLANE-LLC STOIC 7826 | 840003126311481 | | | | | | |
| ROSYLANE-LLC SUNBEAM 5673 | USA 70274085 | | | C | | | |
| ROSYLANE-LLC SUPER 4670 | USA 68601745 | | | | | | |
| ROSYLANE-LLC SUPER 4712 | USA 68601787 | | | | | | |
| ROSYLANE-LLC SUPER 4718-ET | USA 68601793 | | | | | | |
| ROSYLANE-LLC SUPER 4974 | USA 69830672 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SUPER 5095 | USA 69830793 | | | | | | |
| ROSYLANE-LLC SUPER 5138 | USA 69830836 | | | | | | |
| ROSYLANE-LLC SUPER 5145 | USA 69830843 | | | | | | |
| ROSYLANE-LLC SUPER 5178 | USA 69830876 | | | | | | |
| ROSYLANE-LLC SUPER 5185 | USA 69830883 | | | | | | |
| ROSYLANE-LLC SUPER 5280 | USA 70273692 | | | | | | |
| ROSYLANE-LLC SUPERSH8197-ET | 840003126311852 | | | C | | | |
| ROSYLANE-LLC SUPERSHOT10019 | 840003132555309 | | | | | | |
| ROSYLANE-LLC SUPERSHOT10106 | 840003132555396 | | | C | | | |
| ROSYLANE-LLC SUPERSHOT10184 | 840003132555474 | | | | | | |
| ROSYLANE-LLC SUPERSIR 10210 | 840003132555500 | | | | | | |
| ROSYLANE-LLC SUPERSIR 10231 | 840003132555521 | | | C | | | |
| ROSYLANE-LLC SUPERSIR 10243 | 840003132555533 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7062 | USA 72146740 | | | | C | | |
| ROSYLANE-LLC SUPERSIRE 7080 | USA 72146758 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7088 | USA 72146766 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7107 | USA 72146785 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7108 | USA 72146786 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7112 | USA 72146790 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7114 | USA 72146792 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7117 | USA 72146795 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7120 | USA 72146798 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7125 | USA 72146803 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7133 | USA 72146811 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7154 | USA 72146832 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7155 | USA 72146833 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7164 | USA 72146842 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7177 | USA 72146855 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7178 | USA 72146856 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7180 | USA 72146858 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7193 | USA 72146871 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7220 | USA 72146898 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7228 | USA 72146906 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7245 | USA 72146923 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7250 | USA 72146928 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7264 | USA 72146942 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7296 | USA 72146974 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7299 | USA 72146977 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7312 | USA 72146990 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7317 | USA 72146995 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7348 | USA 72147026 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7368 | USA 72147046 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7410 | USA 72147088 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7434 | USA 72147112 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7440 | USA 72147118 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SUPERSIRE 7441 | USA 72147119 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7556 | USA 72147234 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7560 | USA 72147238 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7563 | USA 72147241 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7565 | USA 72147243 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7568 | USA 72147246 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7569 | USA 72147247 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7574 | USA 72147252 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7576 | USA 72147254 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7577 | USA 72147255 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7582 | USA 72147260 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7584 | USA 72147262 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7595 | USA 72147273 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7596 | USA 72147274 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7615 | USA 72147293 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7620 | USA 72147298 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7658 | USA 72147336 | | | | | C | |
| ROSYLANE-LLC SUPERSIRE 7661 | USA 72147339 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7663 | USA 72147341 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7674 | USA 72147352 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7676 | USA 72147354 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7677 | USA 72147355 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7697 | USA 72147375 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7699 | USA 72147377 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7703 | USA 72147381 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7713 | USA 72147391 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7714 | USA 72147392 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7717 | USA 72147395 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7719 | USA 72147397 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7722 | USA 72147400 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7725 | USA 72147403 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7727 | USA 72147405 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7731 | USA 72147409 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7742 | USA 72147420 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7745 | USA 72147423 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7752 | 840003126311407 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7769 | 840003126311424 | | | | | C | |
| ROSYLANE-LLC SUPERSIRE 7776 | 840003126311431 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7790 | 840003126311445 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7791 | 840003126311446 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7926 | 840003126311581 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7930 | 840003126311585 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7931 | 840003126311586 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7947 | 840003126311602 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7955 | 840003126311610 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC SUPERSIRE 7957 | 840003126311612 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7959 | 840003126311614 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE 7964 | 840003126311619 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7965 | 840003126311620 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7966 | 840003126311621 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7970 | 840003126311625 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7972 | 840003126311627 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7973 | 840003126311628 | C | | | | | |
| ROSYLANE-LLC SUPERSIRE 7979 | 840003126311634 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7981 | 840003126311636 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7984 | 840003126311639 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7987 | 840003126311642 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7990 | 840003126311645 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7991 | 840003126311646 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 7998 | 840003126311653 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 8003 | 840003126311658 | | | | | | |
| ROSYLANE-LLC SUPERSIRE 8020 | 840003126311675 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10094 | 840003132555384 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10099 | 840003132555389 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10103 | 840003132555393 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10107 | 840003132555397 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10108 | 840003132555398 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10109 | 840003132555399 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10179 | 840003132555469 | | | C | | | |
| ROSYLANE-LLC SUPERSIRE10190 | 840003132555480 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10192 | 840003132555482 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10199 | 840003132555489 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10200 | 840003132555490 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10219 | 840003132555509 | | | | | | |
| ROSYLANE-LLC SUPERSIRE10220 | 840003132555510 | | | | | | |
| ROSYLANE-LLC SUPERSR7183-ET | USA 72146861 | | | | | | |
| ROSYLANE-LLC SUPLEX 7082 | USA 72146760 | | | C | | | |
| ROSYLANE-LLC SUPLEX 7089 | USA 72146767 | | | | | | |
| ROSYLANE-LLC SUPRSH10088-ET | 840003132555378 | | | | | | |
| ROSYLANE-LLC SUPRSH10138-ET | 840003132555428 | | | | | | |
| ROSYLANE-LLC SUPRSH10157-ET | 840003132555447 | | | | | | |
| ROSYLANE-LLC SUPRSIR7012-ET | USA 72146690 | | | | | | |
| ROSYLANE-LLC SUPRSIR7029-ET | USA 72146707 | | | | | | |
| ROSYLANE-LLC SUPRSR 7259-TW | USA 72146937 | | | | | | |
| ROSYLANE-LLC SUPRSR 7260-TW | USA 72146938 | | | | | | |
| ROSYLANE-LLC SUPRSR 7549-TW | USA 72147227 | | | | | | |
| ROSYLANE-LLC SUPRSR 7550-TW | USA 72147228 | | | | | | |
| ROSYLANE-LLC SUPRSR 7567-TW | USA 72147245 | | | | | C | |
| ROSYLANE-LLC TANGO 7471 | USA 72147149 | | C | | | | |
| ROSYLANE-LLC TATTERS 7771 | 840003126311426 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC TATTERS 7787 | 840003126311442 | | | C | | | |
| ROSYLANE-LLC TEMPLE 5704 | USA 70274116 | | | | | | |
| ROSYLANE-LLC TONIC 5043 | USA 69830741 | | | C | | | |
| ROSYLANE-LLC TONIC 5055 | USA 69830753 | | | | | | |
| ROSYLANE-LLC TONIC 5105 | USA 69830803 | | | | | | |
| ROSYLANE-LLC TONIC 5107 | USA 69830805 | | | C | | | |
| ROSYLANE-LLC TONIC 5116 | USA 69830814 | | | | | | |
| ROSYLANE-LLC TONIC 5127 | USA 69830825 | | | | | | |
| ROSYLANE-LLC TONIC 5141 | USA 69830839 | | | | | | |
| ROSYLANE-LLC TONIC 5152 | USA 69830850 | | | C | | | |
| ROSYLANE-LLC TONIC 5155 | USA 69830853 | | | | | | |
| ROSYLANE-LLC TONIC 5158 | USA 69830856 | | | | | C | |
| ROSYLANE-LLC TONIC 5165 | USA 69830863 | | | | | | |
| ROSYLANE-LLC TONIC 5182 | USA 69830880 | | | | | | |
| ROSYLANE-LLC TORNADO 5097 | USA 69830795 | | | | | | |
| ROSYLANE-LLC TORNADO 5100 | USA 69830798 | | | | | | |
| ROSYLANE-LLC TORNADO 5111 | USA 69830809 | | | | | | |
| ROSYLANE-LLC TORNADO 5119 | USA 69830817 | | | | | | |
| ROSYLANE-LLC TORNADO 5120 | USA 69830818 | | | C | | | |
| ROSYLANE-LLC TORNADO 5129 | USA 69830827 | | | C | | | |
| ROSYLANE-LLC TORNADO 5144 | USA 69830842 | | | C | | | |
| ROSYLANE-LLC TORNADO 5156 | USA 69830854 | | | C | | | |
| ROSYLANE-LLC TORNADO 5163 | USA 69830861 | | | | | | |
| ROSYLANE-LLC TORNADO 5167 | USA 69830865 | | | | | | |
| ROSYLANE-LLC TORNADO 5184 | USA 69830882 | | | | | | |
| ROSYLANE-LLC TORNADO 5187 | USA 69830885 | | | | | | |
| ROSYLANE-LLC TORNADO 5207 | USA 69830905 | | | | | | |
| ROSYLANE-LLC TORNADO 5209 | USA 69830907 | | | | | | |
| ROSYLANE-LLC TORNADO 5213 | USA 69830911 | | | C | | | |
| ROSYLANE-LLC TORNADO 5235 | USA 69830933 | | | | | | |
| ROSYLANE-LLC TORNADO 5239 | USA 69830937 | | | | | | |
| ROSYLANE-LLC TORNADO 5247 | USA 69830945 | | | | | | |
| ROSYLANE-LLC TORNADO 5323 | USA 70273735 | | | | | | |
| ROSYLANE-LLC TORNADO 5390 | USA 70273802 | | | | | | |
| ROSYLANE-LLC TORNADO 5398 | USA 70273810 | | | | | | |
| ROSYLANE-LLC TORNADO 5414 | USA 70273826 | | | C | | | |
| ROSYLANE-LLC TORNADO5173-ET | USA 69830871 | | | | | | |
| ROSYLANE-LLC TRADER 4973 | USA 69830671 | | | | | | |
| ROSYLANE-LLC TREASURE 5194 | USA 69830892 | | | | | | |
| ROSYLANE-LLC TREASURE 5203 | USA 69830901 | | | | | | 1 |
| ROSYLANE-LLC TREASURE 5208 | USA 69830906 | | | C | | | |
| ROSYLANE-LLC TREASURE 5214 | USA 69830912 | | | | | | |
| ROSYLANE-LLC TREASURE 5217 | USA 69830915 | | | | | | |
| ROSYLANE-LLC TREASURE 5219 | USA 69830917 | | | | | | |
| ROSYLANE-LLC TREASURE 5228 | USA 69830926 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC TREASURE 5229 | USA 69830927 | | | | | | |
| ROSYLANE-LLC TREASURE 5233 | USA 69830931 | | | C | | | |
| ROSYLANE-LLC TREASURE 5240 | USA 69830938 | | | C | | | |
| ROSYLANE-LLC TREASURE 5241 | USA 69830939 | | | | | | |
| ROSYLANE-LLC TREASURE 5256 | USA 70273668 | | | | | | |
| ROSYLANE-LLC TREASURE 5261 | USA 70273673 | | | | | | |
| ROSYLANE-LLC TREASURE 5269 | USA 70273681 | | | | | | |
| ROSYLANE-LLC TREASURE 5278 | USA 70273690 | | | C | | | |
| ROSYLANE-LLC TREASURE 5281 | USA 70273693 | | | | | | |
| ROSYLANE-LLC TREASURE 5282 | USA 70273694 | | | | | | |
| ROSYLANE-LLC TREASURE 5283 | USA 70273695 | | | | | | |
| ROSYLANE-LLC TREASURE 5284 | USA 70273696 | | | C | | | |
| ROSYLANE-LLC TREASURE 5288 | USA 70273700 | | | | | | |
| ROSYLANE-LLC TREASURE 5291 | USA 70273703 | | | | | | |
| ROSYLANE-LLC TREASURE 5295 | USA 70273707 | | | | | | |
| ROSYLANE-LLC TREASURE 5303 | USA 70273715 | | | | | | |
| ROSYLANE-LLC TREASURE 5306 | USA 70273718 | | | C | | | |
| ROSYLANE-LLC TREASURE 5310 | USA 70273722 | | | | | | |
| ROSYLANE-LLC TREASURE 5312 | USA 70273724 | | | | | | |
| ROSYLANE-LLC TREASURE 5319 | USA 70273731 | | | | | | |
| ROSYLANE-LLC TREASURE 5333 | USA 70273745 | | | | | | |
| ROSYLANE-LLC TREASURE 5335 | USA 70273747 | C | | | | | |
| ROSYLANE-LLC TREASURE 5338 | USA 70273750 | | | | | | 1 |
| ROSYLANE-LLC TREASURE 5342 | USA 70273754 | C | | C | | | |
| ROSYLANE-LLC TREASURE 5345 | USA 70273757 | | | | | | |
| ROSYLANE-LLC TREASURE 5346 | USA 70273758 | | | | | | |
| ROSYLANE-LLC TREASURE 5354 | USA 70273766 | | | | | | |
| ROSYLANE-LLC TREASURE 5359 | USA 70273771 | | | | | | |
| ROSYLANE-LLC TREASURE 5361 | USA 70273773 | | | | | | |
| ROSYLANE-LLC TREASURE 5367 | USA 70273779 | | | | | | |
| ROSYLANE-LLC TREASURE 5376 | USA 70273788 | | | | | | |
| ROSYLANE-LLC TREASURE 5394 | USA 70273806 | | | C | | | |
| ROSYLANE-LLC TREASURE 5416 | USA 70273828 | | | | | | |
| ROSYLANE-LLC TREASURE 5438 | USA 70273850 | | | | | | |
| ROSYLANE-LLC TRIGGER 4829 | USA 69830527 | | | | | C | |
| ROSYLANE-LLC TRNADO 5090-ET | USA 69830788 | | | | | | |
| ROSYLANE-LLC TROY 10053 | 840003132555343 | | | | | | |
| ROSYLANE-LLC TROY 10055 | 840003132555345 | | | | | | |
| ROSYLANE-LLC TROY 10057 | 840003132555347 | | | | | | |
| ROSYLANE-LLC TROY 10221 | 840003132555511 | | | | | | |
| ROSYLANE-LLC TROY 8048-ET | 840003126311703 | | | | | | |
| ROSYLANE-LLC TROY 8065 | 840003126311720 | | | | | | |
| ROSYLANE-LLC TROY 8081 | 840003126311736 | | | C | | | |
| ROSYLANE-LLC TROY 8082 | 840003126311737 | | | | | | |
| ROSYLANE-LLC TROY 8097 | 840003126311752 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC TROY 8121-TW | 840003126311776 | | | | | | |
| ROSYLANE-LLC TROY 8122-TW | 840003126311777 | | | | | | |
| ROSYLANE-LLC TROY 8134 | 840003126311789 | | | | | | |
| ROSYLANE-LLC TROY 8135-ET | 840003126311790 | | | | | | |
| ROSYLANE-LLC TROY 8142-ET | 840003126311797 | | | | | | |
| ROSYLANE-LLC TROY 8143-ET | 840003126311798 | | | | | | |
| ROSYLANE-LLC TROY 8157-ET | 840003126311812 | | | | | | |
| ROSYLANE-LLC TROY 8178 | 840003126311833 | | | C | | | |
| ROSYLANE-LLC TROY 8191-ET | 840003126311846 | | | | | | |
| ROSYLANE-LLC TROY 8194-ET | 840003126311849 | | | | | | |
| ROSYLANE-LLC TROY 8200-ET | 840003126311855 | | | | | | |
| ROSYLANE-LLC TROY 8214 | 840003126311869 | | | | | | |
| ROSYLANE-LLC TROY 8228 | 840003126311883 | | | | | | |
| ROSYLANE-LLC TROY 8229 | 840003126311884 | | | | | | |
| ROSYLANE-LLC TRUSTED 7502 | USA 72147180 | | | | | | |
| ROSYLANE-LLC TRUSTED 7554 | USA 72147232 | | | | | | |
| ROSYLANE-LLC TYSON 5242-TW | USA 69830940 | | | | | C | |
| ROSYLANE-LLC TYSON 5243-TW | USA 69830941 | | | | | | |
| ROSYLANE-LLC TYSON 5254 | USA 70273666 | | | | | | |
| ROSYLANE-LLC TYSON 5258 | USA 70273670 | | | | | | |
| ROSYLANE-LLC TYSON 5260 | USA 70273672 | | | | | | |
| ROSYLANE-LLC TYSON 5266 | USA 70273678 | | | | | | |
| ROSYLANE-LLC TYSON 5268 | USA 70273680 | | | | | | |
| ROSYLANE-LLC TYSON 5287 | USA 70273699 | | | | | C | |
| ROSYLANE-LLC UNESCO 5774 | USA 72146452 | | | | | | |
| ROSYLANE-LLC UNESCO 5779 | USA 72146457 | | | | | | |
| ROSYLANE-LLC UNESCO 5789 | USA 72146467 | | | | | | |
| ROSYLANE-LLC UNESCO 5791 | USA 72146469 | | | | | | |
| ROSYLANE-LLC UNESCO 5816-TW | USA 72146494 | | | | | | |
| ROSYLANE-LLC UNESCO 5817-TW | USA 72146495 | | | | | | |
| ROSYLANE-LLC UNESCO 5822 | USA 72146500 | | | | | | |
| ROSYLANE-LLC UNESCO 5887 | USA 72146565 | | | | | | |
| ROSYLANE-LLC VERSATILE 7607 | USA 72147285 | | | C | | | |
| ROSYLANE-LLC WINDSOR 7610 | USA 72147288 | | | | | | |
| ROSYLANE-LLC WINDSOR 7619 | USA 72147297 | | | | | | |
| ROSYLANE-LLC WINDSOR 7628 | USA 72147306 | | | | | | |
| ROSYLANE-LLC WINDSOR 7638 | USA 72147316 | | | | | | |
| ROSYLANE-LLC WINDSOR 7642 | USA 72147320 | | | | | | |
| ROSYLANE-LLC WINDSOR 7665 | USA 72147343 | | | | | | |
| ROSYLANE-LLC WINDSOR 7736 | USA 72147414 | | | | | | |
| ROSYLANE-LLC WINDSOR 7740 | USA 72147418 | | | | | | |
| ROSYLANE-LLC WINDSOR 7741 | USA 72147419 | | | | | | |
| ROSYLANE-LLC WINDSOR 7743 | USA 72147421 | | | | | | |
| ROSYLANE-LLC WINDSOR 7751 | 840003126311406 | | | | | | |
| ROSYLANE-LLC WISEMAN 7450 | USA 72147128 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROSYLANE-LLC WISEMAN 7453 | USA 72147131 | | | | | | |
| ROSYLANE-LLC WISEMAN 7465 | USA 72147143 | | | | | | |
| ROSYLANE-LLC WISEMAN 7466 | USA 72147144 | | | | | | |
| ROSYLANE-LLC WISEMAN 7468 | USA 72147146 | | | | | | |
| ROSYLANE-LLC WISEMAN 7470 | USA 72147148 | | | | | | |
| ROSYLANE-LLC WISEMAN 7477 | USA 72147155 | | | | | | |
| ROSYLANE-LLC WISEMAN 7488 | USA 72147166 | | | C | | | |
| ROSYLANE-LLC WISEMAN 7496 | USA 72147174 | | | | | | |
| ROSYLANE-LLC WISEMAN 7497 | USA 72147175 | | | | | | |
| ROSYLANE-LLC WISEMAN 7498 | USA 72147176 | | | | | | |
| ROSYLANE-LLC WISEMAN 7506 | USA 72147184 | | | | | | |
| ROSYLANE-LLC WISEMAN 7509 | USA 72147187 | | | | | | |
| ROSYLANE-LLC WISEMAN 7512 | USA 72147190 | | | | | | |
| ROSYLANE-LLC WISEMAN 7515 | USA 72147193 | | | | | | |
| ROSYLANE-LLC WISEMAN 7518 | USA 72147196 | | | | | | |
| ROSYLANE-LLC WISEMAN 7528 | USA 72147206 | | | | | | |
| ROSYLANE-LLC WISEMAN 7538 | USA 72147216 | C | | | | | |
| ROSYLANE-LLC WISEMAN 7540 | USA 72147218 | | | | | | |
| ROSYLANE-LLC WISEMAN 7541 | USA 72147219 | | | | | | |
| ROSYLANE-LLC WISEMAN 7551 | USA 72147229 | | | | | | |
| ROSYLANE-LLC WISEMAN 7558 | USA 72147236 | | | | | | |
| ROSYLANE-LLC WISEMAN 7561 | USA 72147239 | | | | | | |
| ROSYLANE-LLC WISEMAN 7588 | USA 72147266 | | | | | | |
| ROSYLANE-LLC WISEMAN 7641 | USA 72147319 | | | | | | |
| ROSYLANE-LLC WISEMAN 7653 | USA 72147331 | | | | | | |
| ROSYLANE-LLC WISEMAN7486-ET | USA 72147164 | | | | | | |
| ROSYLANE-LLC WNDSOR 7617-TW | USA 72147295 | | | | | | |
| ROSYLANE-LLC WRIGHT 10225 | 840003132555515 | | | | | | |
| ROSYLANE-LLC YANO 5392 | USA 70273804 | | | C | | | |
| ROSYLANE-LLC YANO 5400 | USA 70273812 | | | | | | |
| ROSYLANE-LLC YANO 5408 | USA 70273820 | | | | | | |
| ROSYLANE-LLC YANO 5425 | USA 70273837 | | | | | | |
| ROSYLANE-LLC YANO 5482 | USA 70273894 | | | | | | |
| ROSYLANE-LLC YANO 5496 | USA 70273908 | | | | | | |
| ROSYLANE-LLC YANO 5546 | USA 70273958 | | | | | | |
| ROSYLANE-LLC YANO 5555 | USA 70273967 | | | | | | |
| ROSYLANE-LLC YANO 5569 | USA 70273981 | | | | | | |
| ROSYLANE-LLC YANO 5582 | USA 70273994 | | | | | | |
| ROSYLANE-LLC YANO 5624 | USA 70274036 | | | C | | | |
| ROSYLANE-LLC YANO 5628 | USA 70274040 | | | | | | |
| ROSYLANE-LLC YANO 7047 | USA 72146725 | | | C | | | |
| ROSYLANE-LLC ZENITH 3678 | USA 64499516 | | | | | | |
| ROSYLANE-RMH PLANET 4366-ET | USA 68601441 | | | | | | |
| ROSYLANE-RMH PLANET 4384-ET | USA 68601459 | | | | | | |
| ROTESOWN ALEXANDER PANACHE | USA 142588556 | C | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROTESOWN DURHAM FELICIA-ET | USA 136695541 | | | | | | |
| ROTESOWN GOLDWYN MALIBOU-ET | USA 140153745 | | | | | | |
| ROTESOWN GOLDWYN MARBLE-ET | USA 140153754 | | | | | | 3 |
| ROTESOWN PONTIAC GLITTER-ET | USA 138635938 | | | | | | |
| ROTESOWN SHOTTLE ASHLEY | USA 141553593 | | | | | C | |
| ROUGHWAY HAPPY GIRL ASPEN | USA 139651276 | | | | | | |
| ROUGHWAY MOLLY B BRAXTON | USA 142192159 | | | | | | |
| ROUMARE GOLD | NLD 487750568 | | | | C | C | |
| ROXETTE 246 | DEU 941213474 | C | | | | | |
| ROXY-DANE GOLDWYN JOJO-ET | USA 143638375 | | | | | | 1 |
| ROXY-DANE LARS JAMIE-ET | 840003124003980 | | | | | | 1 |
| ROXY-DANE OUTSIDE OPRAH | USA 136583477 | | C | | | | |
| ROY-LYN ASTERIOD MARLENE | USA 72926801 | | | | | | |
| ROYAL ENNA-ET | ITA 59990078671 | | | | | | |
| ROYAL IDEVRA BOGART ESOTICA | ITA 19990773665 | | | C | | | |
| ROYAL IDEVRA BUCKEYE BEA | ITA 19990359006 | | | | | | |
| ROYAL IDEVRA DOROTEA-ET | ITA 19500141174 | | | | | | |
| ROYAL IDEVRA O-MAN VIOLA | ITA 19990524136 | | | | | | |
| ROYAL IDEVRA RAMOS CHIARA | ITA 19990311651 | | | | | | |
| ROYAL IDEVRA SEPT DIANA | ITA 19990105785 | | | | | | 1 |
| ROYAL IDEVRA TITANIC BIANCA-ET | ITA 19990105750 | | | | | | |
| ROYAL IDEVRA TITANIC ESTATE-ET | ITA 19990105634 | | | | | | 1 |
| ROYAL IDEVRA TOY BRUSCHETTA-ET | ITA 19990358968 | | | | | | |
| ROYAL MELINDA-ET | ITA 20990213003 | | | | | | 1 |
| ROYAL REBECCA-ET | ITA 20990213002 | | | | | | 1 |
| ROYAL-COLORS DAMION ELEGANT | USA 140255399 | | | | | | |
| ROYAL-COLORS GC REFLECTION | USA 142937604 | | | | | | |
| ROYAL-EDGE AFTER NIGHT-ET | USA 65276631 | | | | | | |
| ROYAL-EDGE AFTER NOON-ET | USA 65276632 | | | | | | |
| ROYAL-EDGE BRADY JELLED | USA 70422413 | | | | | | |
| ROYAL-EDGE MR SAM 370 | USA 61777551 | | | | | | |
| ROYAL-EDGE SUPER RAYS | USA 70422443 | | | | | | |
| ROYAL-FLO DURHAM BETSY | USA 131186134 | | | | | | |
| ROYAL-HAVEN ADVENT BETH | USA 138602680 | | | | | | |
| ROYAL-HAVEN ADVENT PAMMIE | USA 139321456 | | | | | | 1 |
| ROYAL-HAVEN ATWD PARODY-ET | 840003012506539 | | | | | | |
| ROYAL-HAVEN ATWD PROBABL-ET | 840003012506545 | | | | | | |
| ROYAL-HAVEN ATWOD QUINOA-ET | USA 142271304 | | | | | | |
| ROYAL-HAVEN ATWOOD LADYBUG | USA 141755678 | | | | | | |
| ROYAL-HAVEN DAMION QUEENBEE | USA 137812075 | | | | | | |
| ROYAL-HAVEN LADY ANTIBELLUM | USA 140956320 | | | | | | |
| ROYAL-HAVEN TALENT PENNY-ET | USA 66959530 | | | | | | |
| ROYAL-HAVEN WB LIBBY-ET | USA 143399483 | | | | | | 1 |
| ROYAL-KG AFTERSHOCK 6830 | 840003124836770 | | | | | C | |
| ROYAL-KG AFTERSHOCK 7048 | 840003124836988 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-KG BALTIMORE 6926 | 840003124836866 | | | | | C | |
| ROYAL-KG BOWMAN 7121 | 840003130021403 | | | | | | |
| ROYAL-KG CHELIOS 6434 | USA 72789585 | | | | | | |
| ROYAL-KG CHELIOS 6684 | 840003124836624 | | | | | | |
| ROYAL-KG DOUGLAS 6577 | USA 72789728 | | | | | | 3 |
| ROYAL-KG FEVER 5147 | USA 69927969 | | | | | | |
| ROYAL-KG G W ATWOOD 6448 | USA 72789599 | | | | | | |
| ROYAL-KG GOLD CHIP 7150 | 840003130021432 | C | | | | | |
| ROYAL-KG GULF 6922 | 840003124836862 | | | | | | |
| ROYAL-KG IMPRESSION 6560 | USA 72789711 | | | | | | 1 |
| ROYAL-KG IMPRESSION 7042 | 840003124836982 | | | | | | |
| ROYAL-KG JETT AIR 6473 | USA 72789624 | | | | | | |
| ROYAL-KG JETT AIR 7072 | 840003124837012 | | | | | | |
| ROYAL-KG ODEN 6669 | 840003124836609 | | | | | | |
| ROYAL-KG SEAVER 5152 | USA 69927974 | | | | | | |
| ROYAL-KG SEAVER 6516 | USA 72789667 | | | | | | |
| ROYAL-KG SEAVER 6517 | USA 72789668 | | | | | | |
| ROYAL-KG SECTOR 6625 | 840003124836565 | | | | | | |
| ROYAL-KG SHOT 6553 | USA 72789704 | | | | | C | |
| ROYAL-KG SHOTTLE 7163 | 840003130021445 | | | | | | |
| ROYAL-KG SID 6497 | USA 72789648 | | | | | | |
| ROYAL-KG SID 6508 | USA 72789659 | | | | | | |
| ROYAL-MIST ACME HOPEFUL | USA 72934610 | | | | | | |
| ROYAL-MIST ACME OLYMPIA | USA 72934620 | | | | | | 1 |
| ROYAL-MIST AFTERSHCK HARBOR | USA 72934645 | | | | | | |
| ROYAL-MIST AFTERSHOCK ERICA | USA 72934626 | | | | | | |
| ROYAL-MIST AFTRSHCK DRIBBLE | USA 72934619 | | | | | | |
| ROYAL-MIST ANTARCTICA | USA 72934640 | | | | | | |
| ROYAL-MIST ATWOOD AUGUST | USA 72934622 | | | | | | |
| ROYAL-MIST ATWOOD WARHORSE | USA 72934625 | | | | | | |
| ROYAL-MIST BALTIMOR GUN-SHY | USA 72934614 | | | | | | |
| ROYAL-MIST BALTIMORE KYLIE | USA 72934649 | | | | | | |
| ROYAL-MIST BUTTER BRICKLE | USA 74423862 | | | | | | |
| ROYAL-MIST BUXTON GISELLE | USA 74423855 | | | | | | |
| ROYAL-MIST BUXTON HONOR | USA 72934658 | | | | | | |
| ROYAL-MIST BUXTON KIBBLE | USA 72934654 | | | | | | |
| ROYAL-MIST BUXTON TWEET | USA 72934627 | | | | | | |
| ROYAL-MIST CHELIOS VELOCITY | USA 74423857 | | | | | C | |
| ROYAL-MIST DESTRY VANTAGE | USA 71637719 | | | | | C | 1 |
| ROYAL-MIST DOM AMERY | USA 72934648 | | | | | | |
| ROYAL-MIST DOM KINZIE | USA 72934652 | | | | | | |
| ROYAL-MIST DOM KOALA | USA 72934629 | | | | | C | |
| ROYAL-MIST DOM TAURUS | USA 72934653 | | | | | | |
| ROYAL-MIST DORCY ARCTIC | USA 72934618 | | | | | | |
| ROYAL-MIST DORCY HASTE | USA 72934615 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-MIST DUSK APPALOOSA | USA 72934623 | | | | | | |
| ROYAL-MIST DUSK AUSTRALIA | USA 72934621 | | C | | | | 3 |
| ROYAL-MIST DUSK NADIA | USA 72934628 | | C | | | | |
| ROYAL-MIST DWIGHT BLOSSOM | USA 74423860 | | | | | | |
| ROYAL-MIST FORK GALLERY | USA 72934634 | | | | | | |
| ROYAL-MIST FORK HAPPY | USA 72934631 | | | | | | |
| ROYAL-MIST FORK STAR | USA 72934633 | | C | | | | |
| ROYAL-MIST GILESPY MCDOOGLE | USA 72934644 | | | | | | |
| ROYAL-MIST GILLESPY HULA | USA 72934642 | | | | | | 1 |
| ROYAL-MIST GILLESPY JIGSAW | USA 72934624 | | | | | | |
| ROYAL-MIST GILLESPY KANSAS | USA 72934616 | C | | | | | 1 |
| ROYAL-MIST GILLESPY SPROUT | USA 72934655 | | | | | | |
| ROYAL-MIST GILLESPY SWEETY | USA 72934646 | | | | | | 1 |
| ROYAL-MIST HISTORY LINCOLN | USA 72934647 | | | | | | 3 |
| ROYAL-MIST HISTORY TOPSY | USA 72934659 | | | | C | | |
| ROYAL-MIST IMPRESION KITTEN | USA 72934636 | | | | | | |
| ROYAL-MIST IMPRESSION ABBY | USA 72934632 | | | | | | |
| ROYAL-MIST IMPRSION ALLEGRO | USA 72934630 | | | | | | |
| ROYAL-MIST IMPRSON BLESSING | USA 72934635 | | | | | | 1 |
| ROYAL-MIST IMPRSON KEYCHAIN | USA 72934641 | | | | | | |
| ROYAL-MIST JETT AIR BULLET | USA 72934637 | | | | | | 1 |
| ROYAL-MIST JETT AIR NACHO | USA 72934643 | | | | | | |
| ROYAL-MIST JETT AIR PAL | USA 72934650 | | | | | | |
| ROYAL-MIST JETT AIR TRUFFLE | USA 74423863 | | | | | | |
| ROYAL-MIST LAVNGUARD ALBANY | USA 72934613 | | | | | | |
| ROYAL-MIST LAVNGUARD RUMBLE | USA 72934611 | | | | | | |
| ROYAL-MIST MACGUINESS AVA | USA 74423859 | | | | | | |
| ROYAL-MIST MASCALES GENESIS | USA 72934657 | | | | | | |
| ROYAL-MIST MASCALESE DAISY | USA 74423858 | | | | | | |
| ROYAL-MIST MASCALESE SPUNK | USA 74423856 | | | | | | |
| ROYAL-MIST MASSEY 281 | USA 74423899 | | | | | | |
| ROYAL-MIST MASSEY KELLY | USA 74423877 | | | | | | |
| ROYAL-MIST MCCUTCHEN HARPER | USA 74423892 | | | | | | |
| ROYAL-MIST PCLO NOVELTY-RED | USA 72934639 | | | | | | |
| ROYAL-MIST PENTAGON DAME | USA 71637720 | | | | | | |
| ROYAL-MIST PETY 282 | USA 74423900 | | | | | | |
| ROYAL-MIST PETY 284 | USA 74423902 | | | | | | |
| ROYAL-MIST PETY KEROSENE | USA 74423895 | | | | | | 1 |
| ROYAL-MIST ROBUST MAGIC | USA 74423890 | | | | | | |
| ROYAL-MIST SACHL HARVEST-ET | USA 72934656 | | | | | | |
| ROYAL-MIST SATCHEL HALO-ET | USA 71637718 | | | | | | |
| ROYAL-MIST SATCHEL HOLY-ET | USA 72934617 | | | | | | |
| ROYAL-MIST SPUR GLITTER | USA 74423894 | | | C | | | |
| ROYAL-MIST TALENT DIXIECUP | USA 66865824 | | | | | | |
| ROYAL-RIDGE ARTESIA CRI-ET | USA 64541754 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-RIDGE DURHAM ANGELA | USA 141057471 | | | | | | |
| ROYAL-RIDGE RUDY ANET-ET | USA 129104184 | | | | | | |
| ROYAL-VISTA ADOLF 2856 | USA 72751832 | | | | | | |
| ROYAL-VISTA ADOLF 3241-TW | 840003133297666 | | | | | | 1 |
| ROYAL-VISTA ADOLF 3247 | 840003133297672 | | | | | | |
| ROYAL-VISTA ADOLF 3253 | 840003133297678 | | | | | | |
| ROYAL-VISTA AERIAL 2945 | USA 73236659 | | | | | | |
| ROYAL-VISTA AERIAL 2953 | USA 73236667 | | | | | | |
| ROYAL-VISTA AERIAL 2962 | USA 73236676 | | | | | | |
| ROYAL-VISTA AICON 3230 | 840003133297655 | | | | | | |
| ROYAL-VISTA AIKMAN 3027 | 840003126224126 | | | | | | |
| ROYAL-VISTA AIKMAN EZRA-ET | USA 72751855 | | | | | | |
| ROYAL-VISTA AIRLIFT 2711 | USA 72064345 | | | | | | |
| ROYAL-VISTA ALEXANDRA | USA 69892015 | | | | | | 1 |
| ROYAL-VISTA ALRIGHT 3035 | 840003126224134 | | | | | | |
| ROYAL-VISTA ALRIGHT 3112 | 840003128749688 | | | | | | |
| ROYAL-VISTA ALRIGHT 3215 | 840003133297640 | | | | | | |
| ROYAL-VISTA AMARI 2779 | USA 72064413 | | | | | | |
| ROYAL-VISTA AMARI 2780 | USA 72064414 | | | C | | | |
| ROYAL-VISTA AMARI 2786 | USA 72064420 | | | | | | |
| ROYAL-VISTA AMARI 2790 | USA 72064424 | | | | | | |
| ROYAL-VISTA AMARI 2792 | USA 72064426 | | | | | | |
| ROYAL-VISTA ARMITAGE ASA-ET | USA 71068868 | | | | | | |
| ROYAL-VISTA ARMITAGE EMI-ET | USA 71730329 | | | | | C | |
| ROYAL-VISTA ARMITAGE ENA-ET | USA 71730349 | | | | | C | |
| ROYAL-VISTA ARMITAGE EVA-ET | USA 72064341 | | | | | C | |
| ROYAL-VISTA ASHLEE-ET | USA 69174593 | | | | | | |
| ROYAL-VISTA AVENGER 3219 | 840003133297644 | | | | | | |
| ROYAL-VISTA AVENGER 3220 | 840003133297645 | | | | | | |
| ROYAL-VISTA AVERY 2752 | USA 72064386 | | | C | | | |
| ROYAL-VISTA AVERY 2785 | USA 72064419 | | | | | | |
| ROYAL-VISTA AXFORD 2968 | USA 73236682 | | | | | | |
| ROYAL-VISTA BAD GIRL-ET | USA 73236651 | | | | | | |
| ROYAL-VISTA BALI AMERICA-ET | USA 72751860 | | | | | | |
| ROYAL-VISTA BALISTO 3108 | 840003128749692 | | | | | | |
| ROYAL-VISTA BALISTO 3121 | 840003128749679 | | | | | | |
| ROYAL-VISTA BALISTO 3127 | 840003128749673 | | | | | | |
| ROYAL-VISTA BALISTO ESTA-ET | USA 73236633 | | | | | | |
| ROYAL-VISTA BALISTO LIZI-ET | USA 73236621 | | | | | | |
| ROYAL-VISTA BARRY 3091 | 840003126224190 | | | | | C | |
| ROYAL-VISTA BEACON ELDA-ET | USA 70463186 | | | | | | |
| ROYAL-VISTA BELAIR 3163 | 840003128749637 | | | | | | |
| ROYAL-VISTA BELUGA 3104 | 840003128749696 | | | | | | |
| ROYAL-VISTA BENTON 3096 | 840003126224195 | | | | | | |
| ROYAL-VISTA BEST 566 | USA 62171499 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA BJORN 3131 | 840003128749669 | | | | | | |
| ROYAL-VISTA BLATANT 2768 | USA 72064402 | | | | | | |
| ROYAL-VISTA BOASTFUL 3243 | 840003133297668 | | | | | | |
| ROYAL-VISTA BOLTON 2652 | USA 71730354 | | | | | | |
| ROYAL-VISTA BOMBERO 3111 | 840003128749689 | | | | | | |
| ROYAL-VISTA BOMBERO 3148-ET | 840003128749652 | | | | | | |
| ROYAL-VISTA BOMBERO 3151-ET | 840003128749649 | | | | | | |
| ROYAL-VISTA BOMBERO ANNI-ET | 840003126224191 | | | | | | |
| ROYAL-VISTA BOMBERO ELIA-ET | 840003126224173 | | | | | | |
| ROYAL-VISTA BOOKEM ABBY-ET | USA 71068850 | | | | | | |
| ROYAL-VISTA BOOKEM AMBER-ET | USA 71730384 | | | | | | |
| ROYAL-VISTA BOOKEM AMIRA-ET | USA 71730394 | | | | | | |
| ROYAL-VISTA BOOKEM AMITA-ET | USA 71068853 | | | | | | |
| ROYAL-VISTA BOOKEM EVE-ET | USA 71068784 | | | | | | |
| ROYAL-VISTA BOWSER SUSIE | USA 71068836 | | | | | | |
| ROYAL-VISTA BRADNICK JOY | USA 71730331 | | | | | | 1 |
| ROYAL-VISTA BRIGHAM 3214 | 840003133297639 | | | | | | |
| ROYAL-VISTA BRIGHAM 3244 | 840003133297669 | | | | | | |
| ROYAL-VISTA BRODIE 3203 | 840003133297628 | | | | | | |
| ROYAL-VISTA BRODIE 3212 | 840003133297637 | | | | | | |
| ROYAL-VISTA BRODIE 3248 | 840003133297673 | | | | | | |
| ROYAL-VISTA BRODIE 3249 | 840003133297674 | | | | | | |
| ROYAL-VISTA BRODIE 3252 | 840003133297677 | | | | | | |
| ROYAL-VISTA BRONO 2901 | USA 73236615 | | | | | | |
| ROYAL-VISTA BUTLER 3256 | 840003133297681 | | | | | | |
| ROYAL-VISTA CAMERON ADA-ET | USA 71730389 | | | | | | |
| ROYAL-VISTA CARSON 2872 | USA 72751848 | | | | | | |
| ROYAL-VISTA CARSON 2874 | USA 72751850 | | | | | | |
| ROYAL-VISTA CARSON 2899 | USA 72751875 | | | | | | 1 |
| ROYAL-VISTA CASHCOIN 3089 | 840003126224188 | | | | | | 1 |
| ROYAL-VISTA CASHCOIN ELI-ET | USA 72751845 | | | | | C | |
| ROYAL-VISTA CHELIOS 2927 | USA 73236641 | | | | | | |
| ROYAL-VISTA CHEV EARLEEN-ET | USA 73236677 | | | | | | |
| ROYAL-VISTA CHEVALIER 3251 | 840003133297676 | | | | | | |
| ROYAL-VISTA CHOPS 3157 | 840003128749643 | | | | | | |
| ROYAL-VISTA CHOPS EMERY-ET | 840003126224154 | | | | | | |
| ROYAL-VISTA CHRIS JO-RED-ET | USA 71730352 | | | | | | |
| ROYAL-VISTA CLEAR CUT 2957 | USA 73236671 | | | | | | |
| ROYAL-VISTA CM 2745 | USA 72064379 | | | | | | |
| ROYAL-VISTA COLT 3158-RED | 840003128749642 | | | | | | |
| ROYAL-VISTA COLT 45 3171 | 840003128749629 | | | | | | |
| ROYAL-VISTA COLT 45 3226 | 840003133297651 | C | | | | | |
| ROYAL-VISTA CONQUEST 2754 | USA 72064388 | | | | | | |
| ROYAL-VISTA CONTACT 2756 | USA 72064390 | | | | | | |
| ROYAL-VISTA DAMARIS 3161-ET | 840003128749639 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA DAMARIS 3170 | 840003128749630 | | | | | | |
| ROYAL-VISTA DAMARIS 3173-ET | 840003128749627 | | | | | | |
| ROYAL-VISTA DAMARIS 3176-ET | 840003128749624 | | | | | | |
| ROYAL-VISTA DAMARIS 3177 | 840003128749623 | | | | | | |
| ROYAL-VISTA DAMARIS 3178 | 840003128749622 | | | | | | |
| ROYAL-VISTA DAMARIS 3179-ET | 840003128749621 | | | | | | |
| ROYAL-VISTA DAMARIS 3180-ET | 840003128749620 | | | | | | |
| ROYAL-VISTA DAMARIS 3181-ET | 840003128749619 | | | | | | |
| ROYAL-VISTA DAMARIS 3199 | 840003128749601 | | | | | | |
| ROYAL-VISTA DAMARIS 3206-ET | 840003133297631 | | | | | | |
| ROYAL-VISTA DAMARIS 3208 | 840003133297633 | | | | | C | |
| ROYAL-VISTA DANCER FILLIE | USA 72064365 | | | | | | |
| ROYAL-VISTA DANTE 3238 | 840003133297663 | | | | | | |
| ROYAL-VISTA DEAN ASTRO | USA 72751781 | | | | | | |
| ROYAL-VISTA DECEIVER 3106 | 840003128749694 | | | | | | |
| ROYAL-VISTA DECEIVER 3114 | 840003128749686 | | | | | | |
| ROYAL-VISTA DEFEND 3145-ET | 840003128749655 | | | | | | |
| ROYAL-VISTA DEFEND ELITA-ET | 840003126224111 | | | | | | |
| ROYAL-VISTA DEFEND ELKA-ET | 840003126224109 | | | | | | |
| ROYAL-VISTA DEFEND ERI-ET | USA 73236711 | | | | | | |
| ROYAL-VISTA DEFEND MIMI-ET | 840003126224120 | | | | | | |
| ROYAL-VISTA DEFEND MINDA-ET | 840003126224117 | | | | | | |
| ROYAL-VISTA DEFEND SASHA-ET | 840003126224159 | | | | | | |
| ROYAL-VISTA DEFENDER 3100 | 840003128749700 | | | | | C | |
| ROYAL-VISTA DEFENDR 3085-ET | 840003126224184 | | | | | | |
| ROYAL-VISTA DEFENDR EARA-ET | 840003126224104 | | | | | | |
| ROYAL-VISTA DEFENDR EDIE-ET | 840003126224106 | | | | | | |
| ROYAL-VISTA DEFIANT 3235 | 840003133297660 | | | | | | 1 |
| ROYAL-VISTA DEFIANT 3254 | 840003133297679 | | | | | | |
| ROYAL-VISTA DEFNDR EDIE-ET | 840003126224108 | | | | | | |
| ROYAL-VISTA DELTA 3107 | 840003128749693 | | | | | | 1 |
| ROYAL-VISTA DELTA 3156 | 840003128749644 | | | | | | |
| ROYAL-VISTA DEYJA 3123 | 840003128749677 | | | | | | |
| ROYAL-VISTA DIE-HARD AMELIA | USA 66390218 | | | | | | |
| ROYAL-VISTA DISTILLER 3146 | 840003128749654 | | | | | | |
| ROYAL-VISTA DISTINCT 2938 | USA 73236652 | | | | | | |
| ROYAL-VISTA DOLLAR 2965 | USA 73236679 | | | | | | |
| ROYAL-VISTA DOLLAR 2967 | USA 73236681 | | | | | | |
| ROYAL-VISTA DOMINANT 2749 | USA 72064383 | | | | | | |
| ROYAL-VISTA DOMINANT 2750 | USA 72064384 | | | | | | |
| ROYAL-VISTA DOVER AMBER-ET | USA 69892002 | | | | | | |
| ROYAL-VISTA DRAC 15006 3142 | 840003128749658 | | | | | | |
| ROYAL-VISTA DRAC 15006 3150 | 840003128749650 | | | | | | |
| ROYAL-VISTA DRESER 3122-RED | 840003128749678 | | | | | | |
| ROYAL-VISTA DRESSER 3139 | 840003128749661 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA DUDLEY ACE-ET | USA 71068838 | | | | | | |
| ROYAL-VISTA DURABLE 2920 | USA 73236634 | | C | | | | 4 |
| ROYAL-VISTA DURABLE JOY-RED | USA 71730374 | | C | | | | 4 |
| ROYAL-VISTA DYNAMIC 2857 | USA 72751833 | | | | | | |
| ROYAL-VISTA ELITE 2921 | USA 73236635 | | | | | | |
| ROYAL-VISTA EMILE 3076 | 840003126224175 | | | | | | |
| ROYAL-VISTA EMULATE 2849 | USA 72751825 | | | | | | 3 |
| ROYAL-VISTA EMULATE 2853 | USA 72751829 | | | | | | |
| ROYAL-VISTA ENRY 2774 | USA 72064408 | | | | | | |
| ROYAL-VISTA ENTAIL 3211 | 840003133297636 | | | | | | |
| ROYAL-VISTA ENTAIL 3221 | 840003133297646 | | | | | | |
| ROYAL-VISTA ENTAIL 3233 | 840003133297658 | | | | | | |
| ROYAL-VISTA ENTAIL 3246 | 840003133297671 | | | | | | |
| ROYAL-VISTA ENTAIL 3255 | 840003133297680 | | | | | | |
| ROYAL-VISTA EPIC 2791 | USA 72064425 | | | | | | |
| ROYAL-VISTA EPIC 2889 | USA 72751865 | | | | | | |
| ROYAL-VISTA EPIC EMMA-ET | USA 71730363 | | | | | | |
| ROYAL-VISTA EPIC EMME-ET | USA 71730360 | | | | | C | |
| ROYAL-VISTA EPIC ESTELLE-ET | USA 71730334 | | | | | | |
| ROYAL-VISTA EPIC ESTHER-ET | USA 71730340 | | | | | | |
| ROYAL-VISTA EPIC EVEN-ET | USA 72064354 | | | | | | |
| ROYAL-VISTA EPIC EXTRA-ET | USA 72064347 | | | | | | |
| ROYAL-VISTA EPIC EXTREME-ET | USA 72064357 | | | | | | |
| ROYAL-VISTA ESKIMO 2554 | USA 71068830 | | | | | | |
| ROYAL-VISTA ESTEEM LAVERNE | USA 70463264 | | | | | | 3 |
| ROYAL-VISTA EXPLODE 2886 | USA 72751862 | | | | | | |
| ROYAL-VISTA EXPLODE EVIE-ET | USA 70463187 | | | | | | |
| ROYAL-VISTA FACEBOOK 2783 | USA 72064417 | | | | | | |
| ROYAL-VISTA GAFFNEY 2797 | USA 72064431 | | | | | | |
| ROYAL-VISTA GAMBLER 3165 | 840003128749635 | | | | | | |
| ROYAL-VISTA GIFIAN 3047 | 840003126224146 | | | | | | |
| ROYAL-VISTA GLDN FABULUS-ET | USA 72751870 | | | | | | |
| ROYAL-VISTA GLDN FEVER-ET | USA 73236649 | | | | | | |
| ROYAL-VISTA GLDN PP 2939-ET | USA 73236653 | | | | | | |
| ROYAL-VISTA GLDN PP 3103 | 840003128749697 | | | | | | |
| ROYAL-VISTA GLDN PP ELIE-ET | USA 73236657 | | | | | | |
| ROYAL-VISTA GLDN PP ERNA-ET | USA 72751869 | | | | | | |
| ROYAL-VISTA GLDN PP ESMA-ET | USA 72751868 | | | | | | |
| ROYAL-VISTA GLDN PP ETTA-ET | USA 72751866 | | | | | | |
| ROYAL-VISTA GLDN PP ETTY-ET | USA 72751867 | | | | | | |
| ROYAL-VISTA GLN PP 2923-RED | USA 73236637 | | | | | | |
| ROYAL-VISTA GOLD CHIP 2669 | USA 71730371 | | | | | | |
| ROYAL-VISTA GOLDDUST 3024 | 840003126224123 | | | | | | |
| ROYAL-VISTA GOLDDUST 3062 | 840003126224161 | | | | | | |
| ROYAL-VISTA GOLDEN GIRL-ET | USA 73236647 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA GRUNT 3153 | 840003128749647 | | | | | | |
| ROYAL-VISTA GRUNT 3155 | 840003128749645 | | | | | | |
| ROYAL-VISTA GRUNT 3186 | 840003128749614 | | | | | | |
| ROYAL-VISTA GRUNT 3213 | 840003133297638 | | | | | | |
| ROYAL-VISTA GUN 3201 | 840003133297626 | | | | | | 1 |
| ROYAL-VISTA GUTHRIE 2526 | USA 71068802 | | | | | | |
| ROYAL-VISTA HALOGEN 3109-TW | 840003128749691 | | | | | | |
| ROYAL-VISTA HALOGEN 3110-TW | 840003128749690 | | | | | | |
| ROYAL-VISTA HANGOVER 3001 | 840003126224100 | | | | | | |
| ROYAL-VISTA HEADLINER 2866 | USA 72751842 | | | | | | |
| ROYAL-VISTA HEADLINER 2928 | USA 73236642 | | | | | | |
| ROYAL-VISTA HEADLINER 2975 | USA 73236689 | | | | | | |
| ROYAL-VISTA HEADLINER ELLEN | USA 73236654 | | | | | | |
| ROYAL-VISTA HIGHWAY ELAINE | USA 72064364 | | | | | | |
| ROYAL-VISTA HIGHWAY MISSLE | USA 72751783 | | | | | | |
| ROYAL-VISTA HILL 2514 | USA 71068790 | | | | | | |
| ROYAL-VISTA HILL 2809 | USA 72751785 | | | | | | |
| ROYAL-VISTA HILL ELECTRA-ET | USA 70463275 | | | | | | |
| ROYAL-VISTA HILL ESTHER-ET | USA 71068776 | | | | | | |
| ROYAL-VISTA HOT ROD 3086 | 840003126224185 | | | | | | |
| ROYAL-VISTA HWY RILEY-ET | USA 72064432 | | | | | | |
| ROYAL-VISTA HWY RUTH-ET | USA 72064377 | | | | | | |
| ROYAL-VISTA INTELL 2746 | USA 72064380 | | | | | | |
| ROYAL-VISTA IOTA 3054 | 840003126224153 | | | | | | |
| ROYAL-VISTA IOTA EBY | USA 70463257 | | | | | C | |
| ROYAL-VISTA IOTA EVE-ET | USA 71068845 | | | | | | |
| ROYAL-VISTA ITUNES 3042 | 840003126224141 | | | | | | 3 |
| ROYAL-VISTA JABIR 2915 | USA 73236629 | | | | | C | |
| ROYAL-VISTA JABIR 3053 | 840003126224152 | | | | | | |
| ROYAL-VISTA JACEY 3015 | 840003126224114 | | | | | | |
| ROYAL-VISTA JACEY ABIGAIL | USA 73236692 | | | | | | |
| ROYAL-VISTA JACEY FAWN-TW | USA 73236703 | | | | | | |
| ROYAL-VISTA JACEY FILLIE-TW | USA 73236702 | | | | | | |
| ROYAL-VISTA JACEY SANDY | USA 73236684 | | | | | | |
| ROYAL-VISTA JACEY SUSIE | USA 73236710 | | | | | | |
| ROYAL-VISTA JACKMAN 2999 | USA 73236713 | | | C | | | |
| ROYAL-VISTA JEEVES 2770 | USA 72064404 | | | | | | |
| ROYAL-VISTA JEEVES ELDA-ET | USA 69891997 | | | | | | |
| ROYAL-VISTA JEEVES ELISA-ET | USA 68655783 | | | | | | |
| ROYAL-VISTA JEEVES ELSA-ET | USA 69892031 | | | | | C | |
| ROYAL-VISTA JEEVES ELYSE-ET | USA 71068874 | | | | | C | |
| ROYAL-VISTA JEMSTONE 2854 | USA 72751830 | | | | | | |
| ROYAL-VISTA JIVES ROSE-ET | USA 71068810 | | | | | | |
| ROYAL-VISTA JOHNSON 3068 | 840003126224167 | | | C | | | |
| ROYAL-VISTA JOHNSON 3070 | 840003126224169 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA JOHNSON 3162 | 840003128749638 | | | C | | | |
| ROYAL-VISTA JOSUPER 3197 | 840003128749603 | | | | | | |
| ROYAL-VISTA JUMP START 3066 | 840003126224165 | | | | | | |
| ROYAL-VISTA JUMP START 3067 | 840003126224166 | | | | | | |
| ROYAL-VISTA KIAN 3088 | 840003126224187 | | | | | | |
| ROYAL-VISTA KIAN 3193 | 840003128749607 | | | | | | |
| ROYAL-VISTA KIAN 3196 | 840003128749604 | | | | | | 1 |
| ROYAL-VISTA KINGBOY 3130 | 840003128749670 | | | | | | |
| ROYAL-VISTA KINGBOY 3207 | 840003133297632 | | | | | | |
| ROYAL-VISTA KINGBOY ANN-ET | 840003126224177 | | | | | | |
| ROYAL-VISTA KOBRA 3239 | 840003133297664 | | | | | | |
| ROYAL-VISTA LA FEE-ET | USA 71730396 | | | | | | |
| ROYAL-VISTA LAFABULOUS-ET | USA 71068862 | | | | | | |
| ROYAL-VISTA LAFAYE-ET | USA 71068857 | | | | | | |
| ROYAL-VISTA LANCE 2990 | USA 73236704 | | | | | | |
| ROYAL-VISTA LANCE 3023 | 840003126224122 | | | | | | |
| ROYAL-VISTA LANCE ERRYN | USA 73236706 | | | | | | |
| ROYAL-VISTA LATIMER 2882 | USA 72751858 | | | | | | 3 |
| ROYAL-VISTA LATIMER E-VI | USA 72064422 | | | | | | |
| ROYAL-VISTA LATROY 2864 | USA 72751840 | | | | | C | |
| ROYAL-VISTA LEROY 2769 | USA 72064403 | | | | | | |
| ROYAL-VISTA LET IT SNW 2868 | USA 72751844 | | | | | | |
| ROYAL-VISTA LEVI 2747 | USA 72064381 | | | C | | | |
| ROYAL-VISTA LEXOR 2906 | USA 73236620 | | | | | | |
| ROYAL-VISTA LEXOR 2955 | USA 73236669 | | | | | | |
| ROYAL-VISTA LEXOR 2980 | USA 73236694 | | | | | | |
| ROYAL-VISTA LIFTOFF 3065 | 840003126224164 | | | C | | C | |
| ROYAL-VISTA LIFTOFF 3069 | 840003126224168 | | | C | | | |
| ROYAL-VISTA LIFTOFF 3072 | 840003126224171 | | | | | C | |
| ROYAL-VISTA LIMOR 2795 | USA 72064429 | | | | | | 1 |
| ROYAL-VISTA LINGO AJ-ET | USA 73236678 | | | | | | |
| ROYAL-VISTA LINGO ALI-ET | USA 72751856 | | | | | | |
| ROYAL-VISTA LINGO ANDI-ET | USA 72751841 | | | | | | |
| ROYAL-VISTA LINGO ASTRID-ET | USA 72751839 | | | | | | |
| ROYAL-VISTA LIQ GOLD 2984 | USA 73236698 | | | | | | |
| ROYAL-VISTA LIQ GOLD 3011 | 840003126224110 | | | | | | |
| ROYAL-VISTA LIQ GOLD 3030 | 840003126224129 | | | | | | |
| ROYAL-VISTA LITTLEROCK 3223 | 840003133297648 | | | | | | |
| ROYAL-VISTA LITTLEROCK 3234 | 840003133297659 | | | | | | |
| ROYAL-VISTA LOREN 2758 | USA 72064392 | C | | | | | |
| ROYAL-VISTA LOREN 2771 | USA 72064405 | | | | | C | |
| ROYAL-VISTA LOTO 2870 | USA 72751846 | | | | | | |
| ROYAL-VISTA MAC 2772 | USA 72064406 | | | C | | | |
| ROYAL-VISTA MAD MAX 3237 | 840003133297662 | | | | | | |
| ROYAL-VISTA MAGNA FILLIE-ET | USA 72064334 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA MAGNATE 3169 | 840003128749631 | | | | | | |
| ROYAL-VISTA MAN-O-MAN JAN | USA 72064421 | | | | | | |
| ROYAL-VISTA MAN-O-MAN JEAN | USA 71068799 | | | | | | |
| ROYAL-VISTA MANO ABBY-ETS | USA 69174655 | | | | | | |
| ROYAL-VISTA MANO ADA-ETS | USA 69174656 | | | | | | |
| ROYAL-VISTA MANO ADEL-ET | USA 69174659 | | | | | | |
| ROYAL-VISTA MARCO 2466 | USA 70463243 | | | | | | |
| ROYAL-VISTA MARDI G 3084-ET | 840003126224183 | | | | | | |
| ROYAL-VISTA MARDI G 3087-ET | 840003126224186 | | | | | | |
| ROYAL-VISTA MARDI G 3149-ET | 840003128749651 | | | | | | |
| ROYAL-VISTA MARDI GRAS 3036 | 840003126224135 | | | | | | |
| ROYAL-VISTA MARDI GRAS 3083 | 840003126224182 | | | | | | |
| ROYAL-VISTA MARDI GRAS 3147 | 840003128749653 | | | | | | |
| ROYAL-VISTA MARDI GRAS 3194 | 840003128749606 | | | | | | |
| ROYAL-VISTA MASSEY 2755 | USA 72064389 | | | | | | |
| ROYAL-VISTA MASSEY 2763 | USA 72064397 | | | | | | |
| ROYAL-VISTA MASSEY 2799 | USA 72064433 | | | | | | 1 |
| ROYAL-VISTA MASSEY 2846 | USA 72751822 | | | | | | |
| ROYAL-VISTA MAURICE 2949 | USA 73236663 | | | | | | |
| ROYAL-VISTA MCCUTCHEN 3029 | 840003126224128 | | | | | | |
| ROYAL-VISTA MCCUTCHEN 3174 | 840003128749626 | | | | | | |
| ROYAL-VISTA MCCUTCHEN SY-ET | USA 72751803 | | | | | | |
| ROYAL-VISTA MCUTCHEN SUE-ET | USA 72751838 | | | | | | |
| ROYAL-VISTA MCUTCHEN TELILA | USA 72751778 | | | | | | |
| ROYAL-VISTA MCUTCHN SADE-ET | USA 73236656 | | | | | | |
| ROYAL-VISTA MCUTCHN STEL-ET | USA 72751849 | | | | | | |
| ROYAL-VISTA MEGASIRE 3045 | 840003126224144 | | | | | | |
| ROYAL-VISTA MEGASIRE 3051 | 840003126224150 | | | | | | |
| ROYAL-VISTA MEGASIRE 3056 | 840003126224155 | | | | | | |
| ROYAL-VISTA MEGASIRE 3061 | 840003126224160 | | | | | | |
| ROYAL-VISTA MEGASIRE 3071 | 840003126224170 | | | | | | |
| ROYAL-VISTA MEGASIRE 3113 | 840003128749687 | | | | | | |
| ROYAL-VISTA MEGASIRE 3154 | 840003128749646 | | | C | | | |
| ROYAL-VISTA MIDNIGHT 3077 | 840003126224176 | | | | | | |
| ROYAL-VISTA MILLION EVE | USA 68655836 | | C | | | | |
| ROYAL-VISTA MODEL 2973 | USA 73236687 | | | | | | |
| ROYAL-VISTA MOGUL 2810 | USA 72751786 | | | | | | |
| ROYAL-VISTA MOGUL 2822 | USA 72751798 | C | | C | | | |
| ROYAL-VISTA MOGUL 2824 | USA 72751800 | | | | | | |
| ROYAL-VISTA MOGUL 2837 | USA 72751813 | | | | | | |
| ROYAL-VISTA MOGUL 2876 | USA 72751852 | | | | | | |
| ROYAL-VISTA MOGUL 2904 | USA 73236618 | | | | | | 1 |
| ROYAL-VISTA MOGUL ASIA | USA 71730376 | | | | | | |
| ROYAL-VISTA MOGUL ELECTRA | USA 71730391 | | | | | C | |
| ROYAL-VISTA MONREAL ELOISE | USA 71730382 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA MONTEREY 3198 | 840003128749602 | | | | | | |
| ROYAL-VISTA MONTROSS 3137 | 840003128749663 | | | | | | |
| ROYAL-VISTA MONTROSS 3172 | 840003128749628 | | | | | | |
| ROYAL-VISTA MONTROSS 3209 | 840003133297634 | | | | | | 3 |
| ROYAL-VISTA MONTROSS ACE-ET | USA 73236685 | | | | | | |
| ROYAL-VISTA MONTROSS ADI-ET | USA 73236691 | | | | | | |
| ROYAL-VISTA MORGAN 2844 | USA 72751820 | | | | | C | |
| ROYAL-VISTA MOWGLI 3038 | 840003126224137 | | | | | | |
| ROYAL-VISTA MOWGLI 3064 | 840003126224163 | | | | | | |
| ROYAL-VISTA MTROSS AGGIE-ET | 840003126224103 | | | | | | |
| ROYAL-VISTA MURDOCK 3133 | 840003128749667 | | | | | | |
| ROYAL-VISTA MURDOCK 3136 | 840003128749664 | | | | | | |
| ROYAL-VISTA NIAGRA ELISA-ET | USA 69892012 | | | | | | |
| ROYAL-VISTA NIAGRA ELISE-ET | USA 70463178 | | | | | | |
| ROYAL-VISTA NIAGRA ELYSE-ET | USA 70463202 | | | | | | |
| ROYAL-VISTA NIAGRA ERICA-ET | USA 71068785 | | | | | | |
| ROYAL-VISTA NUM UNO BO-ET | USA 72064360 | | | | | | |
| ROYAL-VISTA NUMERO BOBBI-ET | USA 72064358 | | | | | | |
| ROYAL-VISTA NUMERO UNO 3105 | 840003128749695 | | | | | | 1 |
| ROYAL-VISTA NUMERO UNO 3168 | 840003128749632 | | | | | | |
| ROYAL-VISTA OAK ELOISE | USA 72751847 | | | | | | |
| ROYAL-VISTA OBSERVER ELI-ET | USA 70463204 | | | | | | |
| ROYAL-VISTA PANCHO 3003 | 840003126224102 | | | | | C | |
| ROYAL-VISTA PBALL 3175-ET | 840003128749625 | | | | | | |
| ROYAL-VISTA PETRONE 2739 | USA 72064373 | | | | | | |
| ROYAL-VISTA PICUS 2903 | USA 73236617 | | | | | | |
| ROYAL-VISTA PICUS 2959-TW | USA 73236673 | | | | | C | |
| ROYAL-VISTA PICUS 3017 | 840003126224116 | | | | | | |
| ROYAL-VISTA PICUS 3033 | 840003126224132 | | | | | | |
| ROYAL-VISTA PLANET 2777 | USA 72064411 | | | | | | |
| ROYAL-VISTA PLANET 2841 | USA 72751817 | | | | | | |
| ROYAL-VISTA PLANET EMILY-ET | USA 69174611 | | | | | | |
| ROYAL-VISTA PLANET ERIN-ET | USA 71730386 | | | | | | |
| ROYAL-VISTA PLANET ESPN-ET | USA 73236660 | | | | | | |
| ROYAL-VISTA PLANET EVY-ET | USA 73236683 | | | | | | |
| ROYAL-VISTA PLATINUM 2936 | USA 73236650 | | | | | C | |
| ROYAL-VISTA PLUTO 3090 | 840003126224189 | | | | | C | |
| ROYAL-VISTA PREDESTINE 2961 | USA 73236675 | | | | | | |
| ROYAL-VISTA PREDESTINE 3041 | 840003126224140 | | | | | | 3 |
| ROYAL-VISTA PREDESTINE 3049 | 840003126224148 | | | | | | 3 |
| ROYAL-VISTA PRIDE 2981 | USA 73236695 | | | | | | |
| ROYAL-VISTA PRONTO ELEANOR | USA 65766422 | | | | | | 3 |
| ROYAL-VISTA PULSAR 3144 | 840003128749656 | | | | | | |
| ROYAL-VISTA PULSAR 3217 | 840003133297642 | | | | | | |
| ROYAL-VISTA PURE 3118 | 840003128749682 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA PURE 3128 | 840003128749672 | | | | | | |
| ROYAL-VISTA PURE 3129 | 840003128749671 | | | | | | |
| ROYAL-VISTA PURE 3189 | 840003128749611 | | | | | | |
| ROYAL-VISTA PURE 3216 | 840003133297641 | | | | | | |
| ROYAL-VISTA RACER 3014 | 840003126224113 | | | | | | |
| ROYAL-VISTA RACER 3019 | 840003126224118 | | | | | | |
| ROYAL-VISTA RACER 3039 | 840003126224138 | | | | | | |
| ROYAL-VISTA RACER AUDREY | 840003126224107 | | | | | | |
| ROYAL-VISTA RANSOM 2952 | USA 73236666 | | | | | | 1 |
| ROYAL-VISTA RANSOM BROOK-ET | USA 72751808 | | | | | | |
| ROYAL-VISTA RANSOM SKYLAR | USA 72751795 | | | | | | |
| ROYAL-VISTA REFLECTOR 3040 | 840003126224139 | | | | | | |
| ROYAL-VISTA REFLECTOR 3046 | 840003126224145 | | | | | | |
| ROYAL-VISTA RILEY 2877 | USA 72751853 | | | | | | |
| ROYAL-VISTA RILEY 2909 | USA 73236623 | | | | | | |
| ROYAL-VISTA RILEY 2913 | USA 73236627 | | | | | C | |
| ROYAL-VISTA RILEY 2951 | USA 73236665 | | | | | | |
| ROYAL-VISTA ROBUST 2759 | USA 72064393 | | | | | | |
| ROYAL-VISTA ROBUST AVA | USA 71730326 | | | | | | |
| ROYAL-VISTA ROBUST EARLENE | USA 72064340 | | | | | | |
| ROYAL-VISTA ROBUST FERN-TW | USA 71068823 | | | | | | |
| ROYAL-VISTA ROBUST FRAN-TW | USA 71068824 | | | | | | |
| ROYAL-VISTA ROYAL 2976 | USA 73236690 | | | | | | |
| ROYAL-VISTA ROYAL 2983 | USA 73236697 | | | | | | |
| ROYAL-VISTA ROYAL 3031 | 840003126224130 | | | | | | |
| ROYAL-VISTA ROYAL 3044 | 840003126224143 | | | | | | |
| ROYAL-VISTA ROYAL 3048 | 840003126224147 | | | | | | |
| ROYAL-VISTA ROYAL 3059 | 840003126224158 | | | | | | |
| ROYAL-VISTA ROYAL 3119 | 840003128749681 | | | | | | |
| ROYAL-VISTA ROYAL LIZA | USA 73236686 | | | | | | |
| ROYAL-VISTA RUBICON 3236 | 840003133297661 | | | | | | |
| ROYAL-VISTA RUSSIAN 3231 | 840003133297656 | | | | | | |
| ROYAL-VISTA SATCHEL 2922 | USA 73236636 | | | | | | |
| ROYAL-VISTA SAY GRACE 3052 | 840003126224151 | | | | | | |
| ROYAL-VISTA SAY GRACE 3095 | 840003126224194 | | | | | | |
| ROYAL-VISTA SECURE JOY-ET | USA 71068791 | | C | | | | 3 |
| ROYAL-VISTA SHAMROCK EDI-ET | USA 71730399 | | | | | | |
| ROYAL-VISTA SHAMROCK ELA-ET | USA 71068825 | | | | | | |
| ROYAL-VISTA SHAMROCK ELL-ET | USA 71730397 | | | | | | |
| ROYAL-VISTA SHAMROCK EVY-ET | USA 71068827 | | | | | | |
| ROYAL-VISTA SHAMROCK PIPPY | USA 71730308 | | | | | | 1 |
| ROYAL-VISTA SHAN 2817 | USA 72751793 | | | | | | |
| ROYAL-VISTA SHAN 2845 | USA 72751821 | | | | | | |
| ROYAL-VISTA SHAN 2858 | USA 72751834 | | | | | | |
| ROYAL-VISTA SHAYNE 3185 | 840003128749615 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA SHAYNE 3192 | 840003128749608 | | | | | | |
| ROYAL-VISTA SHDOWN 2761-TW | USA 72064395 | | | | | | 1 |
| ROYAL-VISTA SHDOWN 2762-TW | USA 72064396 | | | | | | 1 |
| ROYAL-VISTA SHERIFF 3188 | 840003128749612 | | | | | | |
| ROYAL-VISTA SHERIFF 3195 | 840003128749605 | | | | | | |
| ROYAL-VISTA SHGLASS TESS-ET | USA 72751776 | | | | | | |
| ROYAL-VISTA SHGLASS TIA-ET | USA 72751791 | | | | | | |
| ROYAL-VISTA SHGLASS TILI-ET | USA 72751794 | | | | | | |
| ROYAL-VISTA SHOTTLE 2753 | USA 72064387 | | | | | C | 1 |
| ROYAL-VISTA SHOTTLE ELLE-ET | USA 68655778 | | | | | C | |
| ROYAL-VISTA SHOTTLE ELSA-ET | USA 68655779 | | | | | C | |
| ROYAL-VISTA SHOWDOWN 2834 | USA 72751810 | | | | | | |
| ROYAL-VISTA SILVER 3164-ET | 840003128749636 | | | | | | |
| ROYAL-VISTA SILVER 3166-ET | 840003128749634 | | | | | | |
| ROYAL-VISTA SILVER 3167-ET | 840003128749633 | | | | | | |
| ROYAL-VISTA SILVER 3204-ET | 840003133297629 | | | | | | |
| ROYAL-VISTA SILVER 3205-ET | 840003133297630 | | | | | | |
| ROYAL-VISTA SILVER ADEL-ET | 840003128749648 | | | | | | |
| ROYAL-VISTA SKYLINE 2950 | USA 73236664 | | | | | | |
| ROYAL-VISTA SKYLINE 2974 | USA 73236688 | | | | | | |
| ROYAL-VISTA SKYMONT 3020 | 840003126224119 | | | | | | |
| ROYAL-VISTA SKYMONT 3034 | 840003126224133 | | | | | | |
| ROYAL-VISTA SKYMONT 3063 | 840003126224162 | | | | | | |
| ROYAL-VISTA SKYMONT LIZA | USA 73236709 | | | | | | 1 |
| ROYAL-VISTA SMOKIN 3227-ET | 840003133297652 | | | | | | 1 |
| ROYAL-VISTA SMOKIN JO 2839 | USA 72751815 | | | | | | |
| ROYAL-VISTA SNOWMAN EMI-ET | USA 71730312 | | | | | | |
| ROYAL-VISTA SNOWSTORM 2852 | USA 72751828 | | | C | | C | |
| ROYAL-VISTA SNOWSTORM 2859 | USA 72751835 | | | C | | C | |
| ROYAL-VISTA SNOWSTORM 2875 | USA 72751851 | | | C | | C | |
| ROYAL-VISTA SPARK 3202 | 840003133297627 | | | | | | |
| ROYAL-VISTA STORM ASIA-ET | USA 70463177 | | | | | | |
| ROYAL-VISTA SUNFISH 3259 | 840003133297684 | | | | | | |
| ROYAL-VISTA SUPERSIRE 2930 | USA 73236644 | | | | | | 1 |
| ROYAL-VISTA SUPERSIRE 2934 | USA 73236648 | | | | | | |
| ROYAL-VISTA TABLE 2944 | USA 73236658 | | | | | | |
| ROYAL-VISTA TANGO 3037 | 840003126224136 | | C | | | | 3 |
| ROYAL-VISTA TATUM 3073 | 840003126224172 | | C | | | | |
| ROYAL-VISTA TATUM 3101 | 840003128749699 | | | | | | |
| ROYAL-VISTA TCHDOWN 3257-TW | 840003133297682 | | | | | | |
| ROYAL-VISTA TCHDOWN 3258-TW | 840003133297683 | | | | | | |
| ROYAL-VISTA THUNDER 2986 | USA 73236700 | | | | | | |
| ROYAL-VISTA THUNDER THEA-TW | USA 73236707 | | C | | | | |
| ROYAL-VISTA TIME 2543 | USA 71068819 | | | | | | |
| ROYAL-VISTA TIMID 2958 | USA 73236672 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYAL-VISTA TOPSY 3028 | 840003126224127 | | | | | | |
| ROYAL-VISTA TROY 3102 | 840003128749698 | | | | | | |
| ROYAL-VISTA VOTTO MISTI-ET | 840003126224131 | | | | | | |
| ROYAL-VISTA VOTTO MYRA-ET | 840003126224156 | | | | | | |
| ROYAL-VISTA WICKHAM 3143 | 840003128749657 | | | | | | |
| ROYAL-VISTA WING AMELIA-ET | USA 70463185 | | | | | | |
| ROYAL-VISTA WONKA 3124 | 840003128749676 | | | | | | |
| ROYAL-VISTA WONKA 3126 | 840003128749674 | | C | C | | | |
| ROYAL-VISTA YODER 3187 | 840003128749613 | | | | | | |
| ROYAL-VISTA YODER 3218 | 840003133297643 | | | | | | |
| ROYAL-VISTA YODER 3229 | 840003133297654 | | | | | | |
| ROYAL-VISTA YODER 3245 | 840003133297670 | | | | | | |
| ROYAL-VISTA ZADE 2461 | USA 70463238 | | | | | | |
| ROYAL-VISTA ZEUS 2985 | USA 73236699 | | | | | C | |
| ROYAL-VISTA ZYKE 3250 | 840003133297675 | | | | | | |
| ROYALDALE BREATHLESS WHEEZY | USA 72457940 | | | | | | |
| ROYALDALE KOOL LACEY KACEY | USA 72457932 | | | | | | |
| ROYALDALE LAUTCH LUCY LUCKY | USA 72457936 | C | | | | | |
| ROYALDALE MILLIE VANILLI | USA 71620938 | | | | | | |
| ROYALDALE MUFFIN BLUEBERRY | USA 72457935 | | | | | | |
| ROYALDALE OMAN MILES ALANA | USA 72457933 | | | | | | |
| ROYALWOOD CHELIOS 1866-RED | USA 73162755 | | | | | | |
| ROYALWOOD EXPLODE 1869 | USA 73162758 | | | | | | |
| ROYALWOOD G W ATWOOD 1846 | USA 73162735 | | | | | | |
| ROYALWOOD GUTHRIE 1873 | USA 73162762 | | | | | | |
| ROYALWOOD GUTHRIE 1874 | USA 73162763 | | | | | | |
| ROYALWOOD HERO 1852 | USA 73162741 | | | | | | |
| ROYALWOOD MAN-O-MAN2 1850 | USA 73162739 | | | | | | |
| ROYALWOOD MANIFOLD 1870 | USA 73162759 | | | | | | |
| ROYALWOOD MOGUL 1863 | USA 73162752 | | | | | | |
| ROYALWOOD MOREY 1872 | USA 73162761 | | | | | | 3 |
| ROYALWOOD MOREY 1876 | USA 73162765 | | | | | | 3 |
| ROYALWOOD SAILING 1855 | USA 73162744 | | C | | | | |
| ROYALWOOD SANCHEZ 1860 | USA 73162749 | | | | | | |
| ROYALWOOD SANCHEZ 1865 | USA 73162754 | | | | | | |
| ROYALWOOD SHAMROCK 1857 | USA 73162746 | | | | | | |
| ROYLANE ALEX MIA 3916-ET | USA 69127884 | | | | | | 1 |
| ROYLANE ALEX MINDY 3901-ET | USA 69127869 | | | | | | 1 |
| ROYLANE ALEX MISTY 3903-ET | USA 69127871 | | | | | | |
| ROYLANE BEAC MINDY 4944-ET | USA 70192514 | | | | | | |
| ROYLANE BEACON MR 4834-ET | USA 70192404 | | | | | | |
| ROYLANE BEACON MR 4846-ET | USA 70192416 | | | | | | |
| ROYLANE BEACON MR 4899-ET | USA 70192469 | | | | | | |
| ROYLANE BEACON MR 4906-ET | USA 70192476 | | | | | | |
| ROYLANE BELLWOOD KISHI-ET | USA 15897533 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYLANE BOOKEM AUB 5460-ET | USA 70193030 | | | | | | |
| ROYLANE BOOKEM MAD 5301-ET | USA 70192871 | | | | | | |
| ROYLANE BOOKEM MAY 5443-ET | USA 70193013 | | | | | | |
| ROYLANE BOOKEM MEG 5457-ET | USA 70193027 | | | | | | |
| ROYLANE BOOKEM VAL 5628-ET | USA 70193198 | | | | | | |
| ROYLANE CM MIRROR 5834-ET | USA 71293921 | | | | | | |
| ROYLANE GC MINDY 5741 | USA 71293828 | | | | | | 1 |
| ROYLANE GC MISTY 5746 | USA 71293833 | | | | | | |
| ROYLANE JACEY MIRA 645-ET | USA 72997764 | | | | | | |
| ROYLANE KRAMER AUB 5672-ET | USA 71293759 | | | C | | | |
| ROYLANE KRAMER MALY 5851-ET | USA 71293938 | | | C | | | |
| ROYLANE KRAMER MAY 5660-ET | USA 71293747 | | | | | | |
| ROYLANE KRAMER MEG 5663-ET | USA 71293750 | | | C | | | |
| ROYLANE KRAMER MIN 5590-ET | USA 70193160 | | | | | | |
| ROYLANE KRAMER MINN 5731-ET | USA 71293818 | | | C | | | 1 |
| ROYLANE KRAMER MISS 5716-ET | USA 71293803 | | | | | | |
| ROYLANE KRAMER MIST 5718-ET | USA 71293805 | | | | | | |
| ROYLANE MAURICE JL 7046-ET | USA 72512274 | | | | | | |
| ROYLANE MAURICE JLO 7056-ET | USA 72512284 | | | | | | |
| ROYLANE MOR MIN 4774-ET | USA 70192344 | | | | | | |
| ROYLANE OAK MINDY 7393 | USA 72512621 | | | | | | |
| ROYLANE OLEG MIM 6624-ET | USA 71294711 | | | | | | |
| ROYLANE OLEG MINT 6621-ET | USA 71294708 | | | | | | |
| ROYLANE ONWARD AUB 1864-ET | USA 64966840 | | | | | | |
| ROYLANE ONWARD MIST 1856-ET | USA 64966832 | | | | | | |
| ROYLANE PD AUB 7421 | USA 72512649 | | | C | | | 3 |
| ROYLANE PD MAY 7383 | USA 72512611 | | | | | | |
| ROYLANE PD MEG 7438 | USA 72512666 | | | | | | 3 |
| ROYLANE PLANET MIST 5888 | USA 71293975 | | | | | | |
| ROYLANE PLATINUM MAD 7323 | USA 72512551 | | | | | C | |
| ROYLANE PONDR FANCY 7912-ET | USA 73635694 | | | | | | |
| ROYLANE PONDR FUNNY 7919-ET | USA 73635701 | | | | | | |
| ROYLANE PREDEST MALY 7642 | USA 72512870 | | | C | | | 3 |
| ROYLANE PREDEST MINDY 7631 | USA 72512859 | | | | | | 3 |
| ROYLANE PTRONE MIA 6530-ET | USA 71294617 | | | | | | |
| ROYLANE SGLASS M 6917-ET | USA 72512145 | | | | | | |
| ROYLANE SGLASS MR 6919-ET | USA 72512147 | | | | | | |
| ROYLANE SHERIFF DELL 35-ET | 840003131301706 | | | | | | |
| ROYLANE SHOT MAUREN 2096-ET | USA 66782924 | | | | | | |
| ROYLANE SHOT MINDY 2079-ET | USA 66782907 | | | | | C | |
| ROYLANE SHOT MINNY 2073-ET | USA 66782901 | | | | | C | |
| ROYLANE SHOT MIRROR 2091-ET | USA 66782919 | | | | | C | |
| ROYLANE SHOUT 3039-TW | USA 70362002 | | | | | | |
| ROYLANE SOCRA MIN 1758-ET | USA 64966734 | | | | | | |
| ROYLANE SOCRA MIR 1749-ET | USA 64966725 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYLANE SOCRA MIRA 1760-ET | USA 64966736 | | | | | | |
| ROYLANE SPARK GRACE-ET | 840003131302109 | | | | | | |
| ROYLANE SPARK KAREN-ET | 840003131302081 | | | | | | |
| ROYLANE SPRING AUB 8536-ET | USA 73636318 | | | | | | |
| ROYLANE SPRING KIM 8523-ET | USA 73636305 | | | | | | |
| ROYLANE SPRING MEG 8539-ET | USA 73636321 | | | | | | |
| ROYLANE SPRING VAL 8529-ET | USA 73636311 | | | | | | |
| ROYLANE SROCK JLO 5351-ET | USA 70192921 | | | | | | |
| ROYLANE SROCK MILY 5654-ET | USA 71293741 | | | | | | |
| ROYLANE SROCK MINDY 5623-ET | USA 70193193 | | | | | | 1 |
| ROYLANE SROCK MISS 5652-ET | USA 71293739 | | | | | | |
| ROYLANE SROCK SAGE 5345-ET | USA 70192915 | | | | | | |
| ROYLANE SSIRE DOLORES 7650 | USA 73635432 | | | | | | |
| ROYLANE SUPER MIST 4783-ET | USA 70192353 | | | | | | |
| ROYLANE TANGO MICKEY-ET | USA 72997732 | | C | | | | |
| ROYLANE TOPROCK AUB 7227 | USA 72512455 | | | | | | |
| ROYLANE-KH 5G RACHEL-ET | USA 74270074 | | | | | | |
| ROYLANE-KH 5G RASCAL-ET | USA 74270083 | | | | | | |
| ROYLANE-KH 5G RAZOR-ET | USA 74270084 | | | | | | |
| ROYLANE-KH 5G REBECCA-ET | USA 74270078 | | | | | | |
| ROYLANE-KH 5G RECE-ET | USA 73636052 | | | | | | |
| ROYLANE-KH 5G RITA-ET | USA 74270079 | | | | | | |
| ROYLANE-KH DEFEND RAS-ET | USA 73635766 | | | | | | |
| ROYLANE-KH DEFEND RAZ-ETS | USA 73635763 | | | | | | |
| ROYLANE-KH DEFEND RES-ET | USA 73635765 | | | | | | |
| ROYLANE-KH DEFEND RIP-ET | USA 73635770 | | | | | | |
| ROYLANE-KH DEFEND THE19TH-ET | USA 73635782 | | | | | | |
| ROYLANE-KH DEFENDER RIA-ET | USA 73635780 | | | | | | |
| ROYLANE-KH MONT RASBERRY-ET | USA 74270094 | | | | | | |
| ROYLANE-KH MONTROSS DANA-ET | USA 74270111 | | | | | | |
| ROYLANE-KH MONTROSS REBA-ET | USA 74270089 | | | | | | |
| ROYLANE-KH MONTROSS RECE-ET | USA 74270092 | | | | | | |
| ROYLANE-KH MONTROSS REW-ET | USA 74270097 | | | | | | |
| ROYLANE-KH MONTROSS REYA-ET | USA 74270082 | | | | | | |
| ROYLANE-KH MONTROSS RITA-ET | USA 74270090 | | | | | | |
| ROYLANE-KH MONTROSS RUE-ET | USA 74270096 | | | | | | |
| ROYLANE-KH TANGO RACHEL-ET | USA 73635921 | | C | | | | |
| ROYLANE-KH TANGO RASS-ET | USA 73635912 | | C | | | | |
| ROYOLA AIRNET PAMIE-ET | USA 70927766 | | | | | | |
| ROYOLA AIRNET PINE-ET | USA 70927765 | | | | | | |
| ROYOLA AIRNET PRIN-ET | USA 70927764 | | | | | | |
| ROYOLA ALLEN MERRIE-ET | USA 63031761 | | | | | | |
| ROYOLA ATWD ROX BLUSH-ET | 840003013725203 | | | | | | |
| ROYOLA BOMBERO DIBS | 840003013725197 | | | | | | |
| ROYOLA DORRIE DELITE | USA 63031817 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYOLA DORRIES DREAM-ET | USA 63031846 | | | | | | 1 |
| ROYOLA DORRIES FREELITE-ET | USA 63031856 | | | | | | |
| ROYOLA G CHIP CHELSA-ET | USA 70927758 | | | | | | |
| ROYOLA G CHIP CLIPS-ET | USA 70927757 | | | | | | |
| ROYOLA GC CELESE-ET | USA 70927741 | | | | | | |
| ROYOLA HERO DASHING | USA 70927748 | | | | | C | |
| ROYOLA IOTA DALLY-ET | USA 70927722 | | | | | | |
| ROYOLA IOTA DEEBS-ET | USA 70927723 | | | | | | |
| ROYOLA JEVES PILLER | USA 63031862 | | | | | | |
| ROYOLA JIVES VANNA-ET | USA 70927725 | | | | | | |
| ROYOLA JIVES VICKTOR-ET | USA 70927735 | | | | | | |
| ROYOLA JUDY JETS-ET | USA 63031803 | | | | | | |
| ROYOLA LAU MOONRAY | USA 63031934 | | | | | | |
| ROYOLA LITHIUM LUNAR | USA 70927802 | | | | | | |
| ROYOLA LITHIUM TAMMIE-TW | USA 70927814 | | | | | | |
| ROYOLA LITHIUM TILL-TW | USA 70927813 | | | | | | |
| ROYOLA LOOK FANTICIA-ET | USA 63031933 | | | | | | |
| ROYOLA LOOK FAWN-ET | USA 63031931 | | | | | | |
| ROYOLA M-O-M PACER-ET | USA 63031869 | | | | | | |
| ROYOLA M-O-M PARIS-ET | USA 63031884 | | | | | | |
| ROYOLA M-O-M PETITE-ET | USA 63031893 | | | | | | |
| ROYOLA M-O-M PILLAR | USA 63031909 | | | | | | |
| ROYOLA MAN-O-MAN 7030-ET | 840003006972805 | | | | | | |
| ROYOLA MOGUL CENTRA | 840003013725150 | | | | | | |
| ROYOLA MOGUL FIDGE-ET | USA 70927815 | | | | | | |
| ROYOLA MOGUL FREEDO-ET | USA 70927782 | | | | | | |
| ROYOLA MOGUL PIZAZZ | USA 70927773 | | | | | | |
| ROYOLA MOONGLOW | USA 70927763 | | | | | | |
| ROYOLA NUM UNO LANA-ET | USA 70927790 | | | | | | |
| ROYOLA NUM UNO LATTEE-ET | 840003013725159 | | | | | | |
| ROYOLA NUM UNO PLAYTHING-ET | USA 70927781 | | | | | | |
| ROYOLA NUM UNO REPAGE-ET | USA 70927816 | | | | | | |
| ROYOLA NUM UNO ZANIE-ET | USA 70927806 | | | | | | |
| ROYOLA NUM UNO ZEST-ET | USA 70927809 | | | | | | |
| ROYOLA NUM UNO ZIPS-ET | USA 70927807 | | | | | | |
| ROYOLA PAISLEY-ET | USA 70148414 | | | | | | |
| ROYOLA PANJO-ET | USA 70513683 | | | | | | |
| ROYOLA PLAN VENUS-ET | USA 63031860 | | | | | | |
| ROYOLA PLANET LAMORE | USA 63031883 | | | | | | |
| ROYOLA PROMOTE | USA 63031828 | | | | | | |
| ROYOLA ROXBAX | USA 63031836 | | | C | | | |
| ROYOLA S SIRE DAPPER-ET | 840003013725143 | | | | | | |
| ROYOLA S SIRE SALUTE-ET | 840003013725144 | | | | | | |
| ROYOLA SEPT ST MITTS-ET | USA 70927761 | | | | | | 1 |
| ROYOLA SHAM POLLY-ET | USA 70927739 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| ROYOLA SHAMROCK QUEEN | USA 70927792 | | | | | | |
| ROYOLA SS LYDA-ET | 840003013725156 | | | | | | |
| ROYOLA SS PET TINKER | 840003013725148 | | | | | | |
| ROYOLA SS SNIFF-ET | USA 70927804 | | | | | | |
| ROYOLA SS WILLOW-ET | 840003013725157 | | | | | | |
| ROYOLA SSI SUPER 5545-ET | USA 70119246 | | | | | | |
| ROYOLA SSIRE REFLECT-ET | 840003013725141 | | | | | | |
| ROYOLA SUPER PAMMIE-ET | USA 63031905 | | | | | | |
| ROYOLA SUPER POINTS-ET | USA 63031906 | | | | | | |
| ROYOLA SUPERSIRE PENNY-ET | USA 70927797 | | | | | | |
| ROYOLA SUPERSIRE PRETA-ET | USA 70927798 | | | | | | |
| ROYOLA SUPERSIRE SLICS-ET | USA 70927810 | | | | | | |
| ROYOLA TOYOTA KARMIN | USA 70927778 | C | | | | | |
| ROYOLA YO-GAL-ET | 840003013725188 | | | | | | |
| ROYOLA YO-LONDA-ET | 840003013725183 | | | | | | |
| ROZ-ACRES AUDACITY EPONA | USA 69447162 | C | | | | | |
| ROZ-ACRES BLITZ MARLO | USA 134648646 | | | | | | |
| ROZ-ACRES BOLIVER ZEPHYR-ET | USA 137267183 | | | | | | |
| ROZ-ACRES LHEROS MARINA | USA 69447158 | C | | | | | |
| ROZ-ACRES MATHIE MARY BETH | USA 15691736 | | | | | | |
| ROZ-ACRES NACHO VERONA | USA 69447163 | | | | | | |
| ROZ-ACRES SHOTTLE ZESTA-ET | USA 139035030 | | | | | | |
| ROZ-ACRES WINKEN MARY | USA 14569015 | | | | | | |
| RR LOGAN 6974 | 840003128893085 | | | C | | | |
| RR LOGAN 6996 | 840003128893087 | | | | | | |
| RR N-ET | DEU 355080825 | | | | | | 1 |
| RR RED-OAK 7155 | 840003128893089 | | | C | | | |
| RR REGENIA | DEU 353589545 | | | | | | |
| RR SUPERSHOT COSMO | DEU 358633540 | | | | | | |
| RR YANO 6868 | 840003128893084 | | | | | | |
| RR-ALTON ADVENT MYBLACKIE | USA 139132045 | | | | | | |
| RR-ALTON DURHAM GLORIA | USA 137266753 | | | | | | |
| RR-ALTON MAS ATWD KABOOM-ET | USA 66092365 | | | | | | |
| RS-SILVERSHADE JLT START-ET | USA 70481540 | | | | | | |
| RS-SILVERSHADE SURE LEE-ET | USA 131102451 | | | | | | |
| RSC REDLINER MODERN-RED | USA 69737535 | | | | | | 1 |
| RSC-CH ATWOOD DANDY-ET | USA 64830804 | | | | | | |
| RSC-CH BOLTON SAMIAH-ET | USA 64830822 | | | | | | |
| RSC-CH CONT MAIA-RED | USA 69737530 | | | | | | |
| RSC-CH DUSK RAVEN | USA 69737495 | | | | | | |
| RSC-CH JASPER DESIRE-ET | USA 69737443 | | | | | | |
| RSC-CH KITE REZA-ET | USA 64830870 | | | | | | 1 |
| RSC-CH KITE RITA-RED-ET | USA 64830869 | | | | | | 1 |
| RSC-CH RDLNR MACY-RED | USA 70917068 | | | | | | |
| RSC-CH SANCHEZ EASIER-TW | USA 66753353 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RSW DISTILLER GENEVIEVE | 840003132524250 | | | | | | |
| RTSIXTYSIX ZT EPIC 134F-ET | 840003010661713 | | | C | | | |
| RTSIXTYSIX ZT EPIC 137F-ET | 840003010661716 | | | C | | | |
| RTSIXTYSIX ZT LARGE 153F-ET | 840003010665400 | | | | | | |
| RU-BARB 1ST ALICE-ET | USA 74112147 | | | | | | |
| RU-BARB AIK 32586-ET | 840003126776591 | | C | | | | |
| RU-BARB AIK 32594-ET | 840003126776599 | | | | | | |
| RU-BARB AIK 32600-ET | 840003126776605 | | | | | | |
| RU-BARB AIK 32602-ET | 840003126776607 | | C | | | | |
| RU-BARB ARMIT LONG SHOT-ET | USA 72542143 | | | | | | |
| RU-BARB DANCER-P ANN-RED-ET | USA 72589887 | | | | | | 3 |
| RU-BARB KAD PATSY | USA 143515137 | | | | | | |
| RU-BARB KINGBOY ELENA-ET | USA 74112144 | | | | | | |
| RU-BARB KINGBOY EMMA-ET | USA 74112143 | | | | | | |
| RU-BARB LOU-P KARA-ET | USA 72589897 | | | | | | |
| RU-BARB LOU-P KAROL-RED-ET | USA 72589899 | | | | | | |
| RU-BARB LOU-P KORA-ET | USA 72589898 | | | | | | |
| RU-BARB MONTEREY ELIE-ET | USA 74112140 | | | | | | |
| RU-BARB MONTEREY ERIN-ET | USA 74112142 | | | | | | |
| RU-HAVEN DURABL SNICKERS-ET | USA 142951581 | | | | | | 3 |
| RUANN 1ST POSCH-54362-ET | 840003130273741 | | | | | | |
| RUANN 1ST POSCH-54491-ET | 840003130273870 | | | | | | |
| RUANN 1ST POSCH-54537-ET | 840003130273916 | | | | | | |
| RUANN 1ST TRINKET-54297-ET | 840003130273676 | | | | | | |
| RUANN 1ST TRINKET-54371-ET | 840003130273750 | | | | | | |
| RUANN 1ST TRINKET-54430-ET | 840003130273809 | | | | | | |
| RUANN 52731-RED-ET | USA 62418674 | | | | | | |
| RUANN A ANGELINA-54784-TW | 840003130274163 | | | | | | |
| RUANN A ANGELINA-54785-TW | 840003130274164 | | | | | | |
| RUANN A CONSTANCE-54880-ET | 840003130274259 | C | | | | | 1 |
| RUANN A-RAID ELLIE-72734-ET | USA 64523449 | | | | | | |
| RUANN A-RAID ELLIE-72754-ET | USA 64523467 | | | | | | |
| RUANN A-RAID IRISH-75816-ET | USA 65525034 | | | | | | |
| RUANN AARON ANNA-288 | USA 60131621 | C | | | | | |
| RUANN ABE DORINDA-24010-ET | USA 61075500 | C | | | | | |
| RUANN ACTIVI POSCH-53175-ET | USA 62478951 | | | | | | |
| RUANN ACTIVS POSCH-52901-ET | USA 62449597 | C | | | | | |
| RUANN AD MAPLE-53809-RED-ET | 840003130273188 | | | | | | 1 |
| RUANN AD MAPLE-54475-RED-ET | 840003130273854 | C | | | | | |
| RUANN AD MAPLE-55075-RED-ET | USA 62751385 | | | | | | |
| RUANN AD MAPLE-85513-RED-ET | USA 66534260 | C | | | | | |
| RUANN AD MAPLE-93172-RED-ET | 840003005124140 | C | | | | | |
| RUANN ADV DORINDA-43763-ET | USA 62004566 | | | | | | |
| RUANN ADVENT MERLA-32772-ET | 840003011523740 | | | | | | |
| RUANN ADVENT TESS-70327 | USA 63613674 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN AFFIRMED KIDD-70809 | USA 63614156 | | | | | | |
| RUANN AFTER BONNIE-46097-ET | 840003126825458 | | | | | | 1 |
| RUANN AFTER BONNIE-46108-ET | 840003126825469 | | | | | C | |
| RUANN AFTER BONNIE-53518-ET | 840003130272897 | | | | | | |
| RUANN AFTER BONNIE-53526-ET | 840003130272905 | | | | | | |
| RUANN AFTER BONNIE-53531-ET | 840003130272910 | | | | | | |
| RUANN AHEAD ANNA-50319 | 840003127759073 | | | | | | |
| RUANN AHEAD BESSIE-52182-ET | 840003127268286 | | | | | | |
| RUANN AIR BONNIE-42129-ET | 840003013922192 | | | | | | |
| RUANN AIR BONNIE-42146-ET | 840003013922209 | | | | | | |
| RUANN AIR BONNIE-42154-ET | 840003013922217 | | | | | | |
| RUANN AIR GLORY-91596-ET | 840003005122564 | | | | | | |
| RUANN AIR K-HOPE-91993-ET | 840003005122961 | | | | | | |
| RUANN AIR K-HOPE-92021-ET | 840003005122989 | | | | | | |
| RUANN AIRLIF ELLIE-36548-ET | 840003013920711 | | | | | | |
| RUANN AIRLIF ELLIE-36557-ET | 840003013920720 | | | | | | |
| RUANN AIRR MERLA-33696-ET | 840003012218344 | | | | | | |
| RUANN AIRRA GLORY-31989-ET | 840003011522957 | | | | | | |
| RUANN AIRRAID ALLI-80625 | USA 65280742 | | | | | | |
| RUANN AIRRAID DREAM-90176 | USA 66562360 | | | | | | |
| RUANN AIRRAID NORAIN-80815 | USA 65280932 | | | | | | |
| RUANN AL CHARITY-33095-RED | 840003011524063 | | | | | | 1 |
| RUANN AL CONSTANCE-31502 | 840003011522470 | | | | | | 1 |
| RUANN AL CONSTANCE-35829-ET | 840003012220477 | | | | | | |
| RUANN AL CONSTANCE-35855-ET | 840003012220503 | | | | | | |
| RUANN AL CONSTANCE-36492-ET | 840003013920655 | | | | | | |
| RUANN AL CORRY-33774-ET | 840003012218422 | | | | | | |
| RUANN AL CORRY-35186-ET | 840003012219834 | | | | | | |
| RUANN AL CORRY-35346-ET | 840003012219994 | | | | | | |
| RUANN AL DORINDA-33571-ET | 840003012218219 | | | | | | |
| RUANN ALC DORINDA-36253-ET | 840003013920416 | | | | | | |
| RUANN ALCH CHARITY-36011-ET | 840003013920174 | | | | | | 1 |
| RUANN ALERT ANDREA-90353 | USA 66562537 | | | | | | |
| RUANN ALERT BARBARA-91554 | 840003005122522 | | | | | | |
| RUANN ALERT BRIDGET-92279 | 840003005123247 | | | | | | |
| RUANN ALERT CARRIE-93371 | 840003005124339 | | | | | | |
| RUANN ALERT CONDUCTOR-90189 | USA 66562373 | | | | | | |
| RUANN ALERT DORINDA-90138 | USA 66562322 | | | | | | |
| RUANN ALERT DORINDA-90359 | USA 66562543 | | | | | | |
| RUANN ALERT ELSIE-90334 | USA 66562518 | | | | | | |
| RUANN ALERT GLITTER-92039 | 840003005123007 | | | | | | |
| RUANN ALERT JOKER-93347 | 840003005124315 | | | | | | |
| RUANN ALERT KATRINA-93133 | 840003005124101 | | | | | | |
| RUANN ALERT KIDD-90094-TW | USA 66562278 | | | | | | |
| RUANN ALERT KIDD-92842 | 840003005123810 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ALERT KIDD-93818 | 840003005124786 | | | | | | |
| RUANN ALERT LOLA-85352 | USA 66534130 | | | | | | |
| RUANN ALERT MAY-86040-TW | USA 66833631 | C | | | | | |
| RUANN ALERT MERLA-85757 | USA 66610011 | | | | | | |
| RUANN ALERT NIAGARA-92399 | 840003005123367 | | | | | | |
| RUANN ALERT OLLY-85922 | USA 66833542 | | | | | | |
| RUANN ALERT PEGGY-92748 | 840003005123716 | | | | | | |
| RUANN ALERT PHYLLIS-93926 | 840003005124894 | | | | | | |
| RUANN ALERT ROSALYN-92704 | 840003005123672 | | | | | | |
| RUANN ALERT ROSIE-92356 | 840003005123324 | | | | | | |
| RUANN ALERT ROXY-92130 | 840003005123098 | | | | | | |
| RUANN ALERT SUE-91827 | 840003005122795 | | | | | | |
| RUANN ALERT TAMMY-90396 | USA 66562580 | | | | | | |
| RUANN ALERT TAUNA-90393 | USA 66562577 | | | | | | |
| RUANN ALERT TAUNA-92810 | 840003005123778 | | | | | | |
| RUANN ALERT TRITOMIA-85728 | USA 66609989 | | | | | | |
| RUANN ALERT VALARIE-93628 | 840003005124596 | | | | | | |
| RUANN ALERT VIOLET-90277 | USA 66562461 | | | | | | |
| RUANN ALERT VODKA-93785 | 840003005124753 | | | | | | |
| RUANN ALERT WHIM-90324 | USA 66562508 | | | | | | |
| RUANN ALERT-92214 | 840003005123182 | | | | | | |
| RUANN ALERT-92619 | 840003005123587 | | | | | | |
| RUANN ALERT-93126 | 840003005124094 | | | | | | |
| RUANN ALEX HELEN-91042-ET | USA 66563226 | | | | | | 1 |
| RUANN ALEX JEAN-91286 | USA 69017488 | | | | | | 1 |
| RUANN ALEX LOLA-151-ET | USA 69017753 | | | | | | |
| RUANN ALEX ROSALYN-25115-ET | 840003010368712 | | | | | | |
| RUANN ALEXA CHARMER-12672 | 840003008210796 | | | | | | 1 |
| RUANN ALEXA JESSE-1627-ET | 840003006992763 | | | | | | 1 |
| RUANN ALEXA KRISTA-62222-ET | 840003133420002 | | | | | | |
| RUANN ALI CONSTANCE-53698 | 840003130273077 | | | | | | |
| RUANN ALIANCE CHARMER-53498 | 840003127269602 | C | | | | | |
| RUANN ALIANCE ULTRESS-52120 | 840003127268224 | | | | | | |
| RUANN ALLEGRO DELLIA-50747 | USA 62120002 | | | | | | |
| RUANN ALLI ANGELINA-53979 | 840003130273358 | | | | | | |
| RUANN ALLI BAMSTAR-51792 | 840003127267896 | | | | | | |
| RUANN ALLI CONSTANCE-55644 | 840003133418424 | | | | | | |
| RUANN ALLI JESSE-51767-TW | 840003127267871 | | | | | | |
| RUANN ALLI JESSE-51768-TW | 840003127267872 | | | | | | |
| RUANN ALLI JEWELANNE-53764 | 840003130273143 | | | | | | |
| RUANN ALLI TRITOMIA-52942 | 840003127269046 | | | | | | |
| RUANN ALLIA TRITOMIA-53421 | 840003127269525 | | | | | | |
| RUANN ALLIANCE ANDREA-51866 | 840003127267970 | | | | | | |
| RUANN ALLIANCE ANN-53347 | 840003127269451 | | | | | | 1 |
| RUANN ALLIANCE ANN-53799 | 840003130273178 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ALLIANCE ANN-55485 | 840003130274864 | | | | | | |
| RUANN ALLIANCE BECKY-53152 | 840003127269256 | | | | | | |
| RUANN ALLIANCE BESSY-53388 | 840003127269492 | | | | | | |
| RUANN ALLIANCE BETSY-51728 | 840003127267832 | | | | | | |
| RUANN ALLIANCE BONNIE-51783 | 840003127267887 | | | | | | |
| RUANN ALLIANCE DELUX-52142 | 840003127268246 | | | | | | |
| RUANN ALLIANCE EMBER-52097 | 840003127268201 | | | | | | |
| RUANN ALLIANCE GINGER-51889 | 840003127267993 | | | | | | |
| RUANN ALLIANCE GLORY-51735 | 840003127267839 | | | | | | |
| RUANN ALLIANCE GLORY-51787 | 840003127267891 | | | | | | |
| RUANN ALLIANCE GLORY-52933 | 840003127269037 | | | | | | |
| RUANN ALLIANCE HAPPY-51766 | 840003127267870 | | | | | | |
| RUANN ALLIANCE JEAN-52104 | 840003127268208 | | | | | | |
| RUANN ALLIANCE JOLIET-54641 | 840003130274020 | | | | | | |
| RUANN ALLIANCE JOY-52161 | 840003127268265 | | | | | | |
| RUANN ALLIANCE JOY-53034 | 840003127269138 | | | | | | |
| RUANN ALLIANCE KARMA-55316 | 840003130274695 | | | | | | |
| RUANN ALLIANCE KIDD-51744 | 840003127267848 | | | | | | |
| RUANN ALLIANCE KLARA-55369 | 840003130274748 | | | | | | |
| RUANN ALLIANCE LIZA-53966 | 840003130273345 | | | | | | |
| RUANN ALLIANCE LOLA-51781 | 840003127267885 | | | | | | |
| RUANN ALLIANCE LOUISE-51864 | 840003127267968 | | | | | | |
| RUANN ALLIANCE LUCY-55015 | 840003130274394 | | | | | | |
| RUANN ALLIANCE MAURA-52965 | 840003127269069 | | | | | | |
| RUANN ALLIANCE MERLA-52077 | 840003127268181 | | | | | | |
| RUANN ALLIANCE MERLA-53829 | 840003130273208 | | | | | | |
| RUANN ALLIANCE MERLA-54343 | 840003130273722 | | | | | | |
| RUANN ALLIANCE MERLA-54915 | 840003130274294 | | | | | | |
| RUANN ALLIANCE PAM-54797 | 840003130274176 | | | | | | |
| RUANN ALLIANCE PEARL-54418 | 840003130273797 | | | | | C | |
| RUANN ALLIANCE PHOEBE-53536 | 840003130272915 | C | | | | | |
| RUANN ALLIANCE RETA-54334 | 840003130273713 | | | | | | |
| RUANN ALLIANCE SWEET-53638 | 840003130273017 | | | | | | |
| RUANN ALLIANCE TAUNA-52886 | 840003127268990 | | | | | | |
| RUANN ALLIANCE TAUNA-52991 | 840003127269095 | | | | | | |
| RUANN ALLIANCE TAUNA-54753 | 840003130274132 | | | | | | |
| RUANN ALLIANCE VALID-54301 | 840003130273680 | | | | | | |
| RUANN ALLIANCE VITA-52212 | 840003127268316 | | | | | | |
| RUANN ALLIANCE VODKA-53565 | 840003130272944 | | | | | | 1 |
| RUANN ALLURE-93479 | 840003005124447 | | | | | | |
| RUANN ALMAN ANGELINA-84288 | USA 66171826 | | | | | | |
| RUANN ALMANAC BETSIE-85791 | USA 66610037 | | | | | | |
| RUANN ALMANAC ELA-84895 | USA 66362486 | | | | | | |
| RUANN ALMANAC ELLEN-95113 | 840003006193139 | | | | | | |
| RUANN ALMANAC HANNAH-84941 | USA 66362517 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ALMANAC HANNAH-91723 | 840003005122691 | | | | | | |
| RUANN ALMANAC HAPPY-90765 | USA 66562949 | | | | | | |
| RUANN ALMANAC KINGPIN-90677 | USA 66562861 | | | | | | |
| RUANN ALMANAC PHYLLIS-85815 | USA 66610054 | | | | | | |
| RUANN ALMANAC TAUNA-85586 | USA 66562065 | | | | | | |
| RUANN ALMANAC VICKY-90688 | USA 66562872 | | | | | | |
| RUANN ALSTAR MERLA-90032-TW | USA 66562216 | C | | | | | |
| RUANN AMEL MERLA-84726-ET | USA 125238403 | | | | | | |
| RUANN ANA SKYLARK-91972-TW | 840003005122940 | | | | | | |
| RUANN ANATOMY ALMA-92422 | 840003005123390 | | | | | | |
| RUANN ANATOMY ANDREA-92034 | 840003005123002 | | | | | | |
| RUANN ANATOMY BECKY-92621 | 840003005123589 | C | | | | | |
| RUANN ANATOMY BONNIE-92521 | 840003005123489 | | | | | | |
| RUANN ANATOMY BOYCOTT-92194 | 840003005123162 | | | | | | |
| RUANN ANATOMY DELUX-92703 | 840003005123671 | | | | | | |
| RUANN ANATOMY DORINDA-92040 | 840003005123008 | | | | | | |
| RUANN ANATOMY DORINDA-93229 | 840003005124197 | | | | | | |
| RUANN ANATOMY DORINDA-93261 | 840003005124229 | | | | | | |
| RUANN ANATOMY DOTTIE-93148 | 840003005124116 | | | | | | |
| RUANN ANATOMY DREAM-91963 | 840003005122931 | | | | | | |
| RUANN ANATOMY EMBER-93152 | 840003005124120 | | | | | | |
| RUANN ANATOMY IRISH-92179 | 840003005123147 | | | | | | |
| RUANN ANATOMY KARUSO-93311 | 840003005124279 | | | | | | |
| RUANN ANATOMY ROSALYN-93388 | 840003005124356 | C | | | | | |
| RUANN ANATOMY SCARLET-92819 | 840003005123787 | C | | | | | |
| RUANN ANATOMY STAR-92044 | 840003005123012 | | | | | | |
| RUANN ANATOMY SUE-92475 | 840003005123443 | | | | | | |
| RUANN ANATOMY SUGAR-92426 | 840003005123394 | | | | | | |
| RUANN ANATOMY TAUNA-92856 | 840003005123824 | | | | | | |
| RUANN ANATOMY WHIM-92953 | 840003005123921 | | | | | | |
| RUANN ANATOMY-92310 | 840003005123278 | | | | | | |
| RUANN ANATOMY-92709 | 840003005123677 | | | | | | |
| RUANN ANATOMY-92742 | 840003005123710 | | | | | | |
| RUANN ANATOMY-92930 | 840003005123898 | | | | | | |
| RUANN ANDREA MERLA-55383-ET | 840003130274762 | | | | | | |
| RUANN ANGLE ANDREA-93134 | 840003005124102 | | | | | | |
| RUANN ANGLE BELVEDERE-93204 | 840003005124172 | C | | | | | |
| RUANN ANGLE ECHO-90640 | USA 66562824 | | | | | | |
| RUANN ANGLE ELLIE-90730 | USA 66562914 | C | | | | | |
| RUANN ANGLE GAY-94020 | 840003005124988 | | | | | | |
| RUANN ANGLE GLORY-93680-TW | 840003005124648 | C | | | | | |
| RUANN ANGLE LASS-93141 | 840003005124109 | | | | | | |
| RUANN ANNA GLORY-81003 | USA 65281120 | | | | | | |
| RUANN ANNA GLORY-84938 | USA 66362514 | | | | | | |
| RUANN ANNA KIDD-85188 | USA 66462861 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ANNA SKYLARK-84660 | USA 66285005 | | | | | | |
| RUANN ANNA TAUNA-84767 | USA 66362394 | | | | | | |
| RUANN ANNA TESS-84076 | USA 66171665 | | | | | | |
| RUANN ANNA-85057 | USA 66447018 | | | | | | |
| RUANN ANNA-92126 | 840003005123094 | | | | | | |
| RUANN AP BAMSTSTAR-42429-ET | 840003013922492 | | | | | | |
| RUANN APPR BAMSTAR-42483-ET | 840003013922546 | | | | | | |
| RUANN APPR BAMSTAR-42504-ET | 840003013922567 | | | | | | |
| RUANN APPR BAMSTAR-44312-ET | 840003124682801 | | | | | | |
| RUANN APPR BAMSTAR-44350-ET | 840003124682839 | | | | | | |
| RUANN ARCH BONNIE-61786-ET | 840003133419566 | | | | | | |
| RUANN ARCHRI ROXY-61682-ET | 840003133419462 | | | | | | |
| RUANN ARCHRI TAUNA-56368-ET | 840003133419148 | | | | | | |
| RUANN ARCHRI TAUNA-61510-ET | 840003133419290 | | | | | | |
| RUANN ARCHRI TAUNA-61740-ET | 840003133419520 | | | | | | |
| RUANN ARCHRIV ROXY-61566-ET | 840003133419346 | | C | | | | |
| RUANN ARMS BONNIE-53603-ET | 840003130272982 | | | | | | |
| RUANN ARTFUL-83829-ET | USA 66107255 | | | | | | |
| RUANN ASPEN KATHY-81205 | USA 65281322 | | | | | | |
| RUANN ASPN DORINDA-71942-ET | USA 64215151 | | | | | | |
| RUANN AT BONNIE-20767-ET | 840003009754489 | | | | | | |
| RUANN AT DORINDA-41965-ET | 840003013922028 | | | | | | |
| RUANN AT DORINDA-43268-ET | 840003013923331 | C | | | | | |
| RUANN AT DORINDA-43325-ET | 840003013923388 | | | | | | |
| RUANN AT DORINDA-45398-ET | 840003124683887 | | | | | | |
| RUANN AT DORINDA-53080-ET | 840003127269184 | | | | | | |
| RUANN ATITUDE ANNA-91987 | 840003005122955 | | | | | | |
| RUANN ATITUDE BETSY-92227 | 840003005123195 | | | | | | |
| RUANN ATITUDE DANCER-91990 | 840003005122958 | | | | | | |
| RUANN ATITUDE DESIGN-91855 | 840003005122823 | | | | | | |
| RUANN ATITUDE DORINDA-92133 | 840003005123101 | | | | | | |
| RUANN ATITUDE JOY-91780 | 840003005122748 | | | | | | |
| RUANN ATITUDE MONA-92225 | 840003005123193 | C | | | | | |
| RUANN ATITUDE TAUNA-85932 | USA 66833549 | | | | | | |
| RUANN ATITUDE-92217 | 840003005123185 | | | | | | |
| RUANN ATLAS ECHO-94359 | 840003005125327 | | | | | | |
| RUANN ATLAS KITE-94447 | 840003005125415 | | | C | | | |
| RUANN ATOM ANN-50766 | USA 62120021 | | | | | | 1 |
| RUANN ATTITUDE GLORY-85577 | USA 66534310 | | | | | | |
| RUANN ATTITUDE-85818-TW | USA 66610057 | | | | | | |
| RUANN ATTITUDE-85819-TW | USA 66610058 | | | | | | |
| RUANN ATW SHEENA-40053-ET | 840003014226190 | | | | | | |
| RUANN AURO DUCHESS-54661-TW | 840003130274040 | | | | | | |
| RUANN AURO DUCHESS-54662-TW | 840003130274041 | | | | | | |
| RUANN AURO HELEN-54702-ET | 840003130274081 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN AURORA BECKY-54302 | 840003130273681 | C | | | | | |
| RUANN AURORA BIANCE-62180 | 840003133419960 | | | | | | |
| RUANN AURORA DINA-55606 | 840003133418386 | | | | | | |
| RUANN AURORA DORINDA-54421 | 840003130273800 | | | | | | |
| RUANN AURORA DORINDA-54573 | 840003130273952 | C | | | | | |
| RUANN AURORA ECHO-54816 | 840003130274195 | | | | | | |
| RUANN AURORA ELA-54513 | 840003130273892 | | | | | | |
| RUANN AURORA ELLA-54827 | 840003130274206 | | | | | | |
| RUANN AURORA ELLIE-55228 | 840003130274607 | | | | | | |
| RUANN AURORA ELLIE-62220 | 840003133420000 | | | | | | |
| RUANN AURORA GLORY-54273 | 840003130273652 | | | | | | |
| RUANN AURORA GLORY-54571 | 840003130273950 | | | | | C | |
| RUANN AURORA GLORY-54688 | 840003130274067 | | | | | | |
| RUANN AURORA HOPE-54856-TW | 840003130274235 | | | | | | |
| RUANN AURORA HOPE-54857-TW | 840003130274236 | | | | | | |
| RUANN AURORA IRISH-54530 | 840003130273909 | | | | | | |
| RUANN AURORA JANET-54220 | 840003130273599 | | | | | | |
| RUANN AURORA JEAN-54103 | 840003130273482 | | | C | | | |
| RUANN AURORA JEAN-54451 | 840003130273830 | | | | | | |
| RUANN AURORA JOVIE-54066 | 840003130273445 | | | | | | |
| RUANN AURORA JOY-54893 | 840003130274272 | | | | | | |
| RUANN AURORA MARY-54483 | 840003130273862 | | | | | | |
| RUANN AURORA MAY-53828 | 840003130273207 | | | | | | |
| RUANN AURORA MERLA-53950 | 840003130273329 | | | | | | |
| RUANN AURORA MERLA-54338 | 840003130273717 | | | | | | |
| RUANN AURORA NORAIN-54033 | 840003130273412 | | | | | | |
| RUANN AURORA PAM-54930 | 840003130274309 | | | | | | |
| RUANN AURORA PAM-61584 | 840003133419364 | | | | | | |
| RUANN AURORA PRINCESS-54533 | 840003130273912 | | | | | | |
| RUANN AURORA PRINCESS-54889 | 840003130274268 | | | | | | |
| RUANN AURORA ROSIE-54292 | 840003130273671 | | | | | | |
| RUANN AURORA TAUNA-54361 | 840003130273740 | | | | | | |
| RUANN AURORA VODKA-55266 | 840003130274645 | | | | | | |
| RUANN AVALAN DREAM-52987-ET | USA 62469165 | C | | | | | 1 |
| RUANN AWARE ELLIE-10258 | USA 69970707 | | | | | | |
| RUANN AXFOR BONNIE-55314-ET | 840003130274693 | | | | | | |
| RUANN AXIS ANDREA-93771 | 840003005124739 | | | | | | |
| RUANN AXIS BEE-93963 | 840003005124931 | C | | | | | |
| RUANN AXIS ECHO-94658 | 840003006192684 | C | | | | | |
| RUANN AXIS FOBES-94250 | 840003005125218 | C | | | | | |
| RUANN AXIS JOAN-93437 | 840003005124405 | | | C | | | |
| RUANN AXIS JOYSTAR-93502 | 840003005124470 | C | | | | | |
| RUANN AXIS MELANIE-93807 | 840003005124775 | C | | | | | |
| RUANN AXIS MERLA-94264 | 840003005125232 | C | | | | | |
| RUANN AXIS NORAIN-93956 | 840003005124924 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN AXIS PAT-93492 | 840003005124460 | | | | | | |
| RUANN AXIS PULSAR-94004 | 840003005124972 | | | | | | |
| RUANN AXIS TAUNA-90488 | USA 66562672 | C | | | | | |
| RUANN AXIS-93475 | 840003005124443 | C | | | | | |
| RUANN AXIS-93759-TW | 840003005124727 | C | | | | | |
| RUANN B ANATOMY-43620 | 840003124682109 | | | | | | |
| RUANN B CONSTANCE-13880-ET | 840003009221617 | | | | | C | |
| RUANN B-EYE GLORY-74886-ET | USA 65256490 | | | | | | |
| RUANN B-EYE MERLA-71837-ET | USA 64215076 | | | | | | |
| RUANN B-EYE MERLA-74280-ET | USA 64883913 | | | | | | |
| RUANN B-NICK HELEN-20928-ET | 840003009754650 | | | C | | | |
| RUANN BALIS BESSIE-45546-ET | 840003126824907 | | | | | | |
| RUANN BALIS BESSIE-45564-ET | 840003126824925 | | | | | | |
| RUANN BALIS BESSIE-45636-ET | 840003126824997 | | | | | | |
| RUANN BALISTO ALMA-45822-ET | 840003126825183 | | | | | | |
| RUANN BALISTO ALMA-45832-ET | 840003126825193 | | | | | | |
| RUANN BALISTO ELLA-45892 | 840003126825253 | | | | | | |
| RUANN BALISTO LANELLE-41023 | 840003014227160 | | | | | | |
| RUANN BALISTO MERLA-41123 | 840003014227260 | | | | | | |
| RUANN BALISTO MERLA-41223 | 840003014227360 | | | | | | |
| RUANN BAR CONSTANCE-52533 | 840003127268637 | | | | | | 1 |
| RUANN BAR SHAR-22990-RED-ET | 840003009642642 | | | | | C | |
| RUANN BARET PRINCESS-52979 | 840003127269083 | | | | | | |
| RUANN BARETA GLORY-46464 | 840003126825825 | | | | | | |
| RUANN BARETA GRATEFUL-54651 | 840003130274030 | | | | | | |
| RUANN BARETA JEANETTA-55583 | 840003133418363 | | | | | | |
| RUANN BARETA K-NELLIE-52665 | 840003127268769 | C | | | | | |
| RUANN BARETA PRINCESS-52862 | 840003127268966 | | | | | | |
| RUANN BARETA PRINCESS-55666 | 840003133418446 | | | | | | |
| RUANN BARETA SOMERSET-53378 | 840003127269482 | | | | | | |
| RUANN BARETA TRITOMIA-45583 | 840003126824944 | | | | | | |
| RUANN BARETA TRITOMIA-52485 | 840003127268589 | | | | | | |
| RUANN BARETTA ALMA-51936 | 840003127268040 | | | | | | |
| RUANN BARETTA ANDREA-52837 | 840003127268941 | | | | | | |
| RUANN BARETTA ANN-52091 | 840003127268195 | | | | | | |
| RUANN BARETTA ANNA-53327 | 840003127269431 | | | | | | |
| RUANN BARETTA ASTRA-52102 | 840003127268206 | | | | | | |
| RUANN BARETTA AVIS-61845 | 840003133419625 | | | | | | |
| RUANN BARETTA BAMSTAR-52718 | 840003127268822 | | | | | | |
| RUANN BARETTA BAMSTAR-53499 | 840003127269603 | | | | | | |
| RUANN BARETTA BECKY-46058 | 840003126825419 | | | | | | |
| RUANN BARETTA BECKY-53952 | 840003130273331 | | | | | | |
| RUANN BARETTA BIRDY-45951 | 840003126825312 | | | | | | |
| RUANN BARETTA CHARITY-55560 | 840003133418340 | | | | | | |
| RUANN BARETTA CHARMER-51834 | 840003127267938 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BARETTA CORRY-52822 | 840003127268926 | | | | | | |
| RUANN BARETTA CORRY-52885 | 840003127268989 | | | | | | |
| RUANN BARETTA CORRY-54589 | 840003130273968 | | | | | | |
| RUANN BARETTA DARCEY-54985 | 840003130274364 | | | | | | |
| RUANN BARETTA DEENA-46113 | 840003126825474 | | | | | | |
| RUANN BARETTA DELUX-53766 | 840003130273145 | | | | | | |
| RUANN BARETTA DENA-46415 | 840003126825776 | | | | | | |
| RUANN BARETTA DESSA-45742 | 840003126825103 | | | | | | |
| RUANN BARETTA DIAMOND-46437 | 840003126825798 | | | | | | |
| RUANN BARETTA DORINDA-52403 | 840003127268507 | | | | | | |
| RUANN BARETTA DORINDA-52464 | 840003127268568 | | | | | | |
| RUANN BARETTA DORINDA-53544 | 840003130272923 | | | | | | |
| RUANN BARETTA DORINDA-61885 | 840003133419665 | | | | | | |
| RUANN BARETTA ECHO-45903 | 840003126825264 | | | | | | |
| RUANN BARETTA ECHO-46388 | 840003126825749 | | | | | | |
| RUANN BARETTA ECHO-53467 | 840003127269571 | | | | | | |
| RUANN BARETTA ELIZA-52561 | 840003127268665 | | | | | | |
| RUANN BARETTA ELLA-52481 | 840003127268585 | | | | | | |
| RUANN BARETTA ELLIE-53249 | 840003127269353 | | | | | | |
| RUANN BARETTA ENID-52723 | 840003127268827 | | | | | | |
| RUANN BARETTA FOBES-53248 | 840003127269352 | | | | | | |
| RUANN BARETTA GAL-53213 | 840003127269317 | | | | | | |
| RUANN BARETTA GEORGIE-53164 | 840003127269268 | | | | | | |
| RUANN BARETTA GLORY-45935 | 840003126825296 | | | | | | |
| RUANN BARETTA GLORY-52812 | 840003127268916 | | | | | | |
| RUANN BARETTA GLORY-52984 | 840003127269088 | | | | | | |
| RUANN BARETTA GLORY-54477 | 840003130273856 | | | | | | |
| RUANN BARETTA GLORY-56084 | 840003133418864 | | | | | | |
| RUANN BARETTA GLYNIS-52411 | 840003127268515 | | | | | | |
| RUANN BARETTA IVY-54548 | 840003130273927 | | | | | | |
| RUANN BARETTA JANELL-52519 | 840003127268623 | | | | | | |
| RUANN BARETTA JESSE-54773 | 840003130274152 | | | | | | |
| RUANN BARETTA JO-45704 | 840003126825065 | | | | | | |
| RUANN BARETTA JOAN-46237 | 840003126825598 | | | | | | |
| RUANN BARETTA JOVITA-45728 | 840003126825089 | | | | | | |
| RUANN BARETTA KAY-52304 | 840003127268408 | | C | | | | |
| RUANN BARETTA KIDD-52535 | 840003127268639 | | | | | | |
| RUANN BARETTA KIKI-52056 | 840003127268160 | | | | | | |
| RUANN BARETTA KINGPIN-61924 | 840003133419704 | | | | | | |
| RUANN BARETTA KRISTA-53117 | 840003127269221 | | | | | | |
| RUANN BARETTA LACE-45920 | 840003126825281 | | | | | | |
| RUANN BARETTA LEGACY-53884 | 840003130273263 | | | | | | |
| RUANN BARETTA LIZETTE-52504 | 840003127268608 | C | | | | | |
| RUANN BARETTA LOLA-61920 | 840003133419700 | | | | | | |
| RUANN BARETTA LUCY-52133 | 840003127268237 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BARETTA MAIDEN-46406 | 840003126825767 | | | | | | |
| RUANN BARETTA MAIDEN-53748 | 840003130273127 | | | | | | |
| RUANN BARETTA MARTINA-51569 | 840003127267673 | | | | | | |
| RUANN BARETTA MERLA-52754 | 840003127268858 | | | C | | | |
| RUANN BARETTA MERLA-52759 | 840003127268863 | | | | | | |
| RUANN BARETTA MERLA-52882 | 840003127268986 | | | | | | |
| RUANN BARETTA MERLA-54048 | 840003130273427 | | | | | | |
| RUANN BARETTA MERLA-54538 | 840003130273917 | | C | | | | |
| RUANN BARETTA MICRO-52324 | 840003127268428 | | | | | | |
| RUANN BARETTA MOLLY-53723 | 840003130273102 | C | | | | | |
| RUANN BARETTA NICOLE-52855 | 840003127268959 | | | | | | |
| RUANN BARETTA NINA-51554 | 840003127267658 | | | | | | |
| RUANN BARETTA NORAIN-52515 | 840003127268619 | | | | | | |
| RUANN BARETTA NORAIN-52956 | 840003127269060 | | | | | | |
| RUANN BARETTA PAIGE-51959 | 840003127268063 | | | | | | |
| RUANN BARETTA PAM-45855 | 840003126825216 | | | | | | |
| RUANN BARETTA PATTY-52934 | 840003127269038 | | | | | | |
| RUANN BARETTA PAULA-46420 | 840003126825781 | | | | | | |
| RUANN BARETTA PAULINE-52335 | 840003127268439 | | | C | | | |
| RUANN BARETTA PAULYNE-54274 | 840003130273653 | | | | | | |
| RUANN BARETTA PEGGY-52910 | 840003127269014 | | | | | | |
| RUANN BARETTA PETRA-52778 | 840003127268882 | | | | | | 1 |
| RUANN BARETTA PHYLLIS-53847 | 840003130273226 | | | | | | |
| RUANN BARETTA RAINBOW-52671 | 840003127268775 | | | | | | |
| RUANN BARETTA SACHSE-52538 | 840003127268642 | | | | | | 1 |
| RUANN BARETTA SACHSE-54631 | 840003130274010 | | | | | | |
| RUANN BARETTA SHEILA-53678 | 840003130273057 | | | | | C | |
| RUANN BARETTA SHERAC-52907 | 840003127269011 | | | | | | |
| RUANN BARETTA SIERRA-51935 | 840003127268039 | | | | | | |
| RUANN BARETTA SKYLAR-51865 | 840003127267969 | | | | | | |
| RUANN BARETTA STAR-52144 | 840003127268248 | | | | | | |
| RUANN BARETTA SUE-54184 | 840003130273563 | | C | | | | |
| RUANN BARETTA SUGAR-46039 | 840003126825400 | | | | | | |
| RUANN BARETTA SUGAR-52819 | 840003127268923 | | | | | | |
| RUANN BARETTA SUSAN-46375 | 840003126825736 | | | | | | |
| RUANN BARETTA SUSAN-55481 | 840003130274860 | | | | | | |
| RUANN BARETTA TAUNA-45730 | 840003126825091 | | | | | | |
| RUANN BARETTA TAUNA-51954 | 840003127268058 | | | | | | |
| RUANN BARETTA TAUNA-52441 | 840003127268545 | | | | | | |
| RUANN BARETTA TAUNA-53704 | 840003130273083 | | | | | | |
| RUANN BARETTA TRIBAL-54427 | 840003130273806 | | | | | | |
| RUANN BARETTA TRINKET-52443 | 840003127268547 | | | | | | |
| RUANN BARETTA UTOPIA-46441 | 840003126825802 | | | | | | |
| RUANN BARETTA VELMA-53312 | 840003127269416 | | | | | | |
| RUANN BARETTA VISION-53446 | 840003127269550 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BARETTA WINNIE-53180 | 840003127269284 | | | | | | |
| RUANN BARN SCARLET-93726-ET | 840003005124694 | | | | | | |
| RUANN BARNES RETA-93382-ET | 840003005124350 | | | | | | |
| RUANN BAX BONNIE-94812-ET | 840003006192838 | | | | | | |
| RUANN BAX BONNIE-94839-ET | 840003006192865 | | | | | | |
| RUANN BAX DEMAND-90504-ET | USA 66562688 | | | | | | |
| RUANN BAXT ANDREA-42847-ET | 840003013922910 | | | | | | |
| RUANN BAXTER JEAN-75844-ET | USA 65525060 | | | | | | |
| RUANN BAXTER JESSE-90116 | USA 66562300 | | | | | | |
| RUANN BAXTER MERLA-12711-ET | 840003008210835 | | | | | | |
| RUANN BAXTER MERLA-52918-ET | 840003127269022 | | | | | | |
| RUANN BAXTER MERLA-55629-ET | 840003133418409 | | | | | | |
| RUANN BAXTER MERLA-80421 | USA 65280538 | | | | | | |
| RUANN BAXTER MERLA-81612-ET | USA 65524764 | C | | | | | |
| RUANN BAXTER MERLA-92743-ET | 840003005123711 | | | | | | |
| RUANN BAXTER POSCH-1844-ET | 840003006992980 | | | | | | |
| RUANN BAXTER SUGAR-43439-ET | 840003013923502 | | | | | | |
| RUANN BAYON MOGUL-51209-ET | 840003127759963 | | | | | | |
| RUANN BAYONE POSCH-55437-ET | 840003130274816 | | | | | | |
| RUANN BAYONET BRIT-51202 | 840003127759956 | | | | | | |
| RUANN BEA CARRIE-15334-ET | 840003009223071 | | | | | C | |
| RUANN BEA CHARMER-10206-ET | USA 69970655 | | | | | | |
| RUANN BEACON DORINDA-10901 | USA 69971350 | | | | | | |
| RUANN BEACON ECHO-10696 | USA 69971145 | | | | | C | |
| RUANN BEACON GLORY-10660 | USA 69971109 | | | | | C | |
| RUANN BEACON HELEN-13592-ET | 840003009221329 | | | | | C | |
| RUANN BEACON KAREN-15395 | 840003009223132 | | | | | | |
| RUANN BEACON MERLA-10661 | USA 69971110 | | | | | | |
| RUANN BEACON MERLA-10751 | USA 69971200 | | | | | | |
| RUANN BEACON MERLA-13992-ET | 840003009221729 | | | | | C | |
| RUANN BEACON MERLA-14021-ET | 840003009221758 | | | | | | |
| RUANN BEACON POSCH-10727 | USA 69971176 | | | | | C | |
| RUANN BEACON POSCH-14539-ET | 840003009222276 | | | | | | |
| RUANN BEEM BONNIE-56104-ET | 840003133418884 | | | | | | |
| RUANN BEEM DORINDA-61724-ET | 840003133419504 | | | | | | |
| RUANN BEEM DORINDA-61802-ET | 840003133419582 | | | | | | |
| RUANN BEEM DORINDA-61847-ET | 840003133419627 | | | | | | |
| RUANN BEEMER DELUX-56034-ET | 840003133418814 | | | | | | |
| RUANN BEEMER DORINDA-61771 | 840003133419551 | | | | | | |
| RUANN BEEMER JEAN-56083-ET | 840003133418863 | | | | | | |
| RUANN BEEMER JEAN-56103-ET | 840003133418883 | | | | | | |
| RUANN BEEMER JEAN-56128-ET | 840003133418908 | | | | | | |
| RUANN BEEMER JEAN-56158-ET | 840003133418938 | | | | | | |
| RUANN BEEMER MERLA-56041-ET | 840003133418821 | | | | | | |
| RUANN BEEMER PAIGE-55876-ET | 840003133418656 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BEEMER PAIGE-55943-ET | 840003133418723 | | | | | | |
| RUANN BEEMER PAIGE-61638-ET | 840003133419418 | | | | | | |
| RUANN BEEMER SHEEN-56082-ET | 840003133418862 | | | | | | |
| RUANN BEEMER TAUNA-61687-ET | 840003133419467 | | | | | | |
| RUANN BEEMER TAUNA-61766-ET | 840003133419546 | | | | | | |
| RUANN BELERO ANNA-60076-ET | USA 62726359 | | | | | | |
| RUANN BELLAGIO DELUX-36330 | 840003013920493 | | | | | | |
| RUANN BELLAGIO TAUNA-35323 | 840003012219971 | | | | | | |
| RUANN BELLAGIO VALID-42153 | 840003013922216 | | | | | | |
| RUANN BELLWOOD ELLIE-995 | USA 60299573 | | | | | | |
| RUANN BENEFIT IVY-94362-TW | 840003005125330 | C | | | | | |
| RUANN BENEFIT MAGIC-90386 | USA 66562570 | | | | | | |
| RUANN BEST BAMSTAR-50328 | USA 62119583 | | | | | | |
| RUANN BESTBET ANNA-43070-TW | USA 61936063 | | | | | | |
| RUANN BIONIC CHARMER-84604 | USA 66284965 | | | | | | |
| RUANN BIONIC CORRY-84317 | USA 66230386 | | | | | | |
| RUANN BLAKE MERLA-55530-ET | 840003133418310 | | | | | | |
| RUANN BLAKE MERLA-55541-ET | 840003133418321 | | | | | | |
| RUANN BLAKE PEGGY-55503-ET | 840003133418283 | | | | | | |
| RUANN BLAKE PEGGY-55509-ET | 840003133418289 | | | | | | |
| RUANN BLAKE PEGGY-55525-ET | 840003133418305 | | | | | | |
| RUANN BO BEATRICE-53463-ET | 840003127269567 | | | | | | |
| RUANN BO DORINDA-53060-ET | 840003127269164 | | | | | | |
| RUANN BO GRATEFUL-52622-ET | 840003127268726 | | | | | | |
| RUANN BO GRATEFUL-52639-ET | 840003127268743 | | | | | | |
| RUANN BOAST ECHO-62077-ET | 840003133419857 | | | | | | |
| RUANN BOAST IRISH-51148-TW | 840003127759902 | | | C | | | |
| RUANN BOAST IRISH-51149-TW | 840003127759903 | | | C | | | |
| RUANN BOASTFUL POSCH-51156 | 840003127759910 | | | | | | |
| RUANN BOCH HARLOW-42880 | 840003013922943 | | | | | | |
| RUANN BOLT DELUX-81095-ET | USA 65281212 | | | | | | |
| RUANN BOLT DELUX-91397-ET | USA 69017599 | | | | | | |
| RUANN BOLT GLORY-82500-ET | USA 65760793 | | | | | | |
| RUANN BOLT GLORY-82538-ET | USA 65760822 | | | | | | |
| RUANN BOLT LANELLE-90846-ET | USA 66563030 | | | C | | | |
| RUANN BOLT MERLA-91048-ET | USA 66563232 | | | | | | |
| RUANN BOLT MERLA-91158-ET | USA 66563342 | | | | | | |
| RUANN BOLT TRINKET-70330-ET | USA 63613677 | | | | | | |
| RUANN BOLT TRINKET-72822-ET | USA 64523514 | | | | | | |
| RUANN BOLTON BESSIE-81053 | USA 65281170 | | | | | | |
| RUANN BOLTON DELUX-81029 | USA 65281146 | | | | | | |
| RUANN BOLTON DREAM-42662-ET | 840003013922725 | | | | | | 1 |
| RUANN BOLTON DREAM-42663-ET | 840003013922726 | C | | | | | |
| RUANN BOLTON DREAM-42681-ET | 840003013922744 | | | | | | |
| RUANN BOLTON ECHO-74002-ET | USA 64799500 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BOLTON ECHO-75624 | USA 65391029 | | | | | | |
| RUANN BOLTON ECHO-84700-ET | USA 66285036 | | | | | | |
| RUANN BOLTON GLORY-71099-ET | USA 63614446 | | | | | | |
| RUANN BOLTON HOPE-6123-ET | 840003007960190 | | | | | | |
| RUANN BOLTON JESSE-1150-ET | USA 69018752 | | | | | | |
| RUANN BOLTON JESSE-5624-ET | 840003004672013 | | | | | | |
| RUANN BOLTON MERLA-36322-ET | 840003013920485 | | | | | | |
| RUANN BOLTON MERLA-42084-ET | 840003013922147 | | | | | | |
| RUANN BOLTON MERLA-70821 | USA 63614168 | | | | | | |
| RUANN BOLTON MOLLY-85817-ET | USA 66610056 | | | | | | |
| RUANN BOLTON NORAIN-91384 | USA 69017586 | | | | | | |
| RUANN BOLTON TAUNA-4395-ET | 840003004670784 | | | | | | |
| RUANN BOLTON VIOLET-80886 | USA 65281003 | | | | | | |
| RUANN BOMB BAMSTAR-54512-ET | 840003130273891 | | | | | | |
| RUANN BOMB BAMSTAR-54529-ET | 840003130273908 | | | | | | |
| RUANN BOMB MADGE-41126-ET | 840003014227263 | | | | | C | |
| RUANN BOMB MADGE-41130-ET | 840003014227267 | | C | | | | |
| RUANN BOMB NORAIN-50577-ET | 840003127759331 | | | | | | |
| RUANN BOMB TRINKET-52367-ET | 840003127268471 | | | | | | |
| RUANN BOMB TRINKET-52369-ET | 840003127268473 | | | | | | |
| RUANN BOMB TRINKET-52428-ET | 840003127268532 | | | | | | |
| RUANN BOMBER DELUX-50657-ET | 840003127759411 | | | | | | |
| RUANN BOMBER DELUX-53422-ET | 840003127269526 | | | | | | |
| RUANN BOMBER DELUX-53475-ET | 840003127269579 | | | | | | |
| RUANN BOMBER DELUX-54227-ET | 840003130273606 | | | | | | |
| RUANN BOMBER DELUX-54275-ET | 840003130273654 | | | | | | |
| RUANN BOMBER DELUX-54277-ET | 840003130273656 | | | | | | |
| RUANN BOMBER MADGE-45756-ET | 840003126825117 | | | | | C | |
| RUANN BOMBER MADGE-45807-ET | 840003126825168 | | | | | C | |
| RUANN BOMBER POSCH-50777-TW | 840003127759531 | | | | | | |
| RUANN BOMBER POSCH-50778-TW | 840003127759532 | | | | | | |
| RUANN BOMBER POSCH-52290-ET | 840003127268394 | | | | | | |
| RUANN BOMBER POSCH-52562-ET | 840003127268666 | | | | | | |
| RUANN BOMBER POSCH-52626-ET | 840003127268730 | | | | | | |
| RUANN BOMBER POSCH-52654-ET | 840003127268758 | | | | | | |
| RUANN BOMBER POSCH-54179-ET | 840003130273558 | | | | | | |
| RUANN BOMBERO ECHO-55035-ET | 840003130274414 | | | | | | |
| RUANN BOMBERO MERLA-50733 | 840003127759487 | | | | | | |
| RUANN BOMBERO POSCH-50179 | 840003127758933 | | | | | | |
| RUANN BOMBERO POSCH-50247 | 840003127759001 | C | | | | | |
| RUANN BON GRATEFUL-52502-ET | 840003127268606 | | | | | | |
| RUANN BONAIR GLORY-43955-ET | 840003124682444 | | | | | | |
| RUANN BONAIR GLORY-44021-ET | 840003124682510 | | | | | | |
| RUANN BONAIR GLORY-44071-ET | 840003124682560 | | | | | | |
| RUANN BONAIR TAUNA-44620-ET | 840003124683109 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BONAIR TAUNA-51706-ET | 840003127267810 | | | | | | |
| RUANN BONAIR TAUNA-94371-ET | 840003005125339 | | | | | | |
| RUANN BOND ANN-5510-ET | USA 60425959 | | | | | | |
| RUANN BONFIRE COMET-84630 | USA 66284981 | | | | | | |
| RUANN BONFIRE MERLA-84914 | USA 66362500 | | | | | | |
| RUANN BONNIE-10377-RED-ET | USA 69970826 | | | | | | 1 |
| RUANN BONNIE-30539-ET | 840003011579827 | | | | | | |
| RUANN BOOK BAMSTAR-46152-ET | 840003126825513 | | | | | | |
| RUANN BOOK BAMSTAR-46191-ET | 840003126825552 | | | | | | |
| RUANN BOOK BAMSTAR-53086-ET | 840003127269190 | | | | | | |
| RUANN BOOK BAMSTAR-53115-ET | 840003127269219 | | | | | | |
| RUANN BOOK DORINDA-51802-ET | 840003127267906 | | | | | | |
| RUANN BOOK DORINDA-51874-ET | 840003127267978 | | | | | | |
| RUANN BOOK DORINDA-52264-ET | 840003127268368 | | | | | | |
| RUANN BOOK LANELLE-51191-ET | 840003127759945 | | | C | | | |
| RUANN BOOK LANELLE-55899-ET | 840003133418679 | | | | | | |
| RUANN BOOK MELANIE-53277-ET | 840003127269381 | | | | | | |
| RUANN BOOK MELANIE-53301-ET | 840003127269405 | | | | | | |
| RUANN BOOK NORAIN-53094-ET | 840003127269198 | | | | | | |
| RUANN BOOK TRINKET-54531-ET | 840003130273910 | | | | | | |
| RUANN BOOKE BONNIE-51969-ET | 840003127268073 | | | | | | |
| RUANN BOOKEM BESSY-50311 | 840003127759065 | | | | | | |
| RUANN BOOKEM BRITE-55671-ET | 840003133418451 | | | | | | |
| RUANN BOOKEM BRITE-55740-ET | 840003133418520 | | | | | | |
| RUANN BOOKEM ECHO-52425-ET | 840003127268529 | | | | | | |
| RUANN BOOKEM ECHO-53001-ET | 840003127269105 | | | | | | |
| RUANN BOOKEM ECHO-53985-ET | 840003130273364 | | | | | | |
| RUANN BOOKEM FOBES-54921-ET | 840003130274300 | | | | | | |
| RUANN BOOKEM FOBES-54931-ET | 840003130274310 | | | | | | |
| RUANN BOOKEM FOBES-54959-ET | 840003130274338 | | | | | | |
| RUANN BOOKEM GLORY-40891-ET | 840003014227028 | | | | | | |
| RUANN BOOKEM GLORY-44987-ET | 840003124683476 | | | | | | |
| RUANN BOOKEM GLORY-45010-ET | 840003124683499 | | | | | | |
| RUANN BOOKEM GLORY-45011-ET | 840003124683500 | | | | | | |
| RUANN BOOKEM GLORY-50164-ET | 840003127758918 | | | | | | |
| RUANN BOOKEM GLORY-50330-ET | 840003127759084 | | | | | | |
| RUANN BOOKEM GLORY-50334-ET | 840003127759088 | | | | | | |
| RUANN BOOKEM GLORY-51659-ET | 840003127267763 | | | | | | |
| RUANN BOOKEM GLORY-52116-ET | 840003127268220 | | | | | | |
| RUANN BOOKEM GLORY-52174-ET | 840003127268278 | | | | | | |
| RUANN BOOKEM GLORY-52492-ET | 840003127268596 | | | | | | |
| RUANN BOOKEM GLORY-53038-ET | 840003127269142 | | | | | | |
| RUANN BOOKEM IRISH-44832-ET | 840003124683321 | | | | | | |
| RUANN BOOKEM JEAN-41094-ET | 840003014227231 | | | | | | |
| RUANN BOOKEM JEAN-45696-ET | 840003126825057 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BOOKEM JEAN-45711-ET | 840003126825072 | | | | | | |
| RUANN BOOKEM JEAN-54250-ET | 840003130273629 | | | | | | 3 |
| RUANN BOOKEM JESSE-44403-ET | 840003124682892 | | | | | | |
| RUANN BOOKEM JESSE-51893-ET | 840003127267997 | | | | | | |
| RUANN BOOKEM JESSE-51955-ET | 840003127268059 | | | | | | |
| RUANN BOOKEM JESSE-52033-ET | 840003127268137 | | | | | | |
| RUANN BOOKEM LOLA-44572-ET | 840003124683061 | | | | | | |
| RUANN BOOKEM LOLA-44585-ET | 840003124683074 | | | | | | |
| RUANN BOOKEM LOLA-45364-ET | 840003124683853 | | | | | | |
| RUANN BOOKEM LOLA-45376-ET | 840003124683865 | | | | | | |
| RUANN BOOKEM LOLA-54769-ET | 840003130274148 | | | | | | |
| RUANN BOOKEM MERLA-45440-ET | 840003124683929 | | | | | | |
| RUANN BOOKEM MERLA-45471-ET | 840003124683960 | | | | | | |
| RUANN BOOKEM MERLA-45531-ET | 840003126824892 | | | | | | |
| RUANN BOOKEM MERLA-45533-ET | 840003126824894 | | | | | | |
| RUANN BOOKEM MERLA-45582-ET | 840003126824943 | | | | | | |
| RUANN BOOKEM MERLA-45603-ET | 840003126824964 | | | | | | |
| RUANN BOOKEM MERLA-50161-ET | 840003127758915 | | | | | | |
| RUANN BOOKEM MERLA-52046-ET | 840003127268150 | | | | | | |
| RUANN BOOKEM MERLA-54916-ET | 840003130274295 | | | | | | |
| RUANN BOOKEM MERLA-55780-ET | 840003133418560 | | | | | | |
| RUANN BOOKEM PAIGE-46096-ET | 840003126825457 | | | | | | |
| RUANN BOOKEM PAIGE-46105-ET | 840003126825466 | | | | | | |
| RUANN BOOKEM PAIGE-46123-ET | 840003126825484 | | | | | | |
| RUANN BOOKEM PEGGY-45060-ET | 840003124683549 | | | | | | |
| RUANN BOOKEM PEGGY-45105-ET | 840003124683594 | | | | | | |
| RUANN BOOKEM PEGGY-45196-ET | 840003124683685 | | | | | | |
| RUANN BOOKEM PEGGY-45201-ET | 840003124683690 | | | | | | |
| RUANN BOOKEM PEGGY-45213-ET | 840003124683702 | | | | | | |
| RUANN BOOKEM PEGGY-45216-ET | 840003124683705 | | | | | | |
| RUANN BOOKEM PEGGY-52972-ET | 840003127269076 | | | | | | |
| RUANN BOOKEM PEGGY-53002-ET | 840003127269106 | | | | | | |
| RUANN BOOKEM PEGGY-53010-ET | 840003127269114 | | | | | | |
| RUANN BOOKEM PEGGY-53012-ET | 840003127269116 | | | | | | |
| RUANN BOOKEM PEGGY-53061-ET | 840003127269165 | | | | | | |
| RUANN BOOKEM PEGGY-53076-ET | 840003127269180 | | | | | | |
| RUANN BOOKEM PEGGY-53078-ET | 840003127269182 | | | | | | |
| RUANN BOOKEM PEGGY-53201-ET | 840003127269305 | | | | | | |
| RUANN BOOKEM PHOEBE-50511 | 840003127759265 | | | | | | |
| RUANN BOOKEM POSCH-51048 | 840003127759802 | | | | | | |
| RUANN BOOKEM POSCH-52922-ET | 840003127269026 | | | | | | |
| RUANN BOOKEM POSCH-52981-ET | 840003127269085 | | | | | | |
| RUANN BOOKEM POSCH-53090-ET | 840003127269194 | | | | | | |
| RUANN BOOKEM VODKA-53749-ET | 840003130273128 | C | | C | | | |
| RUANN BOOKEM VODKA-55605-ET | 840003133418385 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BOOKEM VODKA-55610-ET | 840003133418390 | | | | | | |
| RUANN BOS DORINDA-43807-RED | 840003124682296 | | | | | | 1 |
| RUANN BOSCH ALLI-43948 | 840003124682437 | | | | | | |
| RUANN BOSCH ALMA-44816 | 840003124683305 | | | | | | |
| RUANN BOSCH ANDREA-44213 | 840003124682702 | | | | | | |
| RUANN BOSCH ANDREA-45288 | 840003124683777 | | | | | | |
| RUANN BOSCH ANITA-44285 | 840003124682774 | | | | | | |
| RUANN BOSCH BAMSTAR-44890 | 840003124683379 | | | | | | |
| RUANN BOSCH BESS-44600 | 840003124683089 | | | | | | 1 |
| RUANN BOSCH CHER-44445 | 840003124682934 | | | | | | |
| RUANN BOSCH CHERRY-43590 | 840003124682079 | | | | | | |
| RUANN BOSCH CONSTANCE-44984 | 840003124683473 | | | | | | |
| RUANN BOSCH CRICKET-44096 | 840003124682585 | | | | | | |
| RUANN BOSCH DORINDA-43599 | 840003124682088 | | | | | | |
| RUANN BOSCH DORINDA-44544 | 840003124683033 | | | | | | |
| RUANN BOSCH ECHO-43633 | 840003124682122 | | | C | | | |
| RUANN BOSCH EDNA-43739 | 840003124682228 | | | | | | |
| RUANN BOSCH ELLA-44517 | 840003124683006 | | | | | | |
| RUANN BOSCH ELLIE-43891 | 840003124682380 | | | | | | |
| RUANN BOSCH GARDENA-44686 | 840003124683175 | | | | | | |
| RUANN BOSCH GLADYS-43611 | 840003124682100 | | | | | | |
| RUANN BOSCH GLORY-43017 | 840003013923080 | | | | | | |
| RUANN BOSCH GLORY-43353 | 840003013923416 | C | | | | | |
| RUANN BOSCH GLORY-43690 | 840003124682179 | | | | | | |
| RUANN BOSCH GLORY-44157 | 840003124682646 | | | | | | |
| RUANN BOSCH HANDMAID-43230 | 840003013923293 | | | C | | | |
| RUANN BOSCH HELEN-45065-RED | 840003124683554 | | | | | | |
| RUANN BOSCH HELEN-45186 | 840003124683675 | | | | | | |
| RUANN BOSCH JOANIE-45018 | 840003124683507 | | | | | | |
| RUANN BOSCH JOY-44162 | 840003124682651 | | | | | | |
| RUANN BOSCH KANDY-43644 | 840003124682133 | | | | | | |
| RUANN BOSCH LANELLE-42940 | 840003013923003 | | | | | | |
| RUANN BOSCH LANELLE-44339 | 840003124682828 | | | | | | |
| RUANN BOSCH LUCY-44730 | 840003124683219 | | | | | | |
| RUANN BOSCH MEGA-43734 | 840003124682223 | | | | | | |
| RUANN BOSCH MERLA-43431 | 840003013923494 | | | | | | |
| RUANN BOSCH MERLA-45034 | 840003124683523 | C | | | | | |
| RUANN BOSCH MERLA-45335 | 840003124683824 | | | | | | |
| RUANN BOSCH ROSALYN-44758 | 840003124683247 | | | | | | |
| RUANN BOSCH ROXY-44214 | 840003124682703 | | | | | | |
| RUANN BOSCH SAMARA-43232 | 840003013923295 | | | | | | |
| RUANN BOSCH SCARLET-44204 | 840003124682693 | | | | | | |
| RUANN BOSCH SCARLET-44383 | 840003124682872 | | | | | | |
| RUANN BOSCH SCARLET-44930 | 840003124683419 | | | | | | |
| RUANN BOSCH SILVA-42924 | 840003013922987 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BOSCH SUGAR-43429 | 840003013923492 | | | | | | |
| RUANN BOSCH TAUNA-43093 | 840003013923156 | | | | | | |
| RUANN BOSCH TAUNA-43460 | 840003013923523 | | | | | | |
| RUANN BOSCH TAUNA-44900 | 840003124683389 | | | | | | |
| RUANN BOSCH TESS-45393 | 840003124683882 | | | | | | |
| RUANN BOSCH TRISTAN-44102 | 840003124682591 | | | | | | |
| RUANN BOSCH TRITOMIA-44228 | 840003124682717 | | | | | | |
| RUANN BOSCH TRIXY-43088 | 840003013923151 | | | | | | |
| RUANN BOSCH VODKA-44049 | 840003124682538 | | | | | | 1 |
| RUANN BOSCH ZASLEN-44018 | 840003124682507 | | | | | | |
| RUANN BOSSY ROSIE-93619 | 840003005124587 | | | | | | |
| RUANN BOSTFUL ECHO-61950-ET | 840003133419730 | | | | | | |
| RUANN BRAX BONNIE-20240-ET | 840003009753962 | | | | | | |
| RUANN BRAX BONNIE-44867-ET | 840003124683356 | | | | | | |
| RUANN BRAX BONNIE-44988-ET | 840003124683477 | | | | | | |
| RUANN BRAX BRITE-53055-ET | 840003127269159 | | | | | | |
| RUANN BRAX DORINDA-36022-ET | 840003013920185 | | | | | | |
| RUANN BRAX DORINDA-43546-ET | 840003124682035 | | | | | | |
| RUANN BRAX DORINDA-43567-ET | 840003124682056 | | | | | | |
| RUANN BRAX DORINDA-44829-ET | 840003124683318 | | | | | | |
| RUANN BRAX DORINDA-44992-ET | 840003124683481 | | | | | | |
| RUANN BRAX DORINDA-45126-ET | 840003124683615 | | | | | | |
| RUANN BRAX DORINDA-45237-ET | 840003124683726 | | | | | | |
| RUANN BRAX DORINDA-45240-ET | 840003124683729 | | | | | | |
| RUANN BRAX ECHO-44855-ET | 840003124683344 | | | | | | |
| RUANN BRAX ECHO-45009-ET | 840003124683498 | | | | | | |
| RUANN BRAX ELLIE-41869-ET | 840003013921932 | | | | | | |
| RUANN BRAX ELLIE-41897-ET | 840003013921960 | | | | | | 1 |
| RUANN BRAX ELLIE-41938-ET | 840003013922001 | | | | | | 1 |
| RUANN BRAX ELLIE-41942-ET | 840003013922005 | | | | | | |
| RUANN BRAX ELLIE-41949-ET | 840003013922012 | | | | | | |
| RUANN BRAX ELLIE-41997-ET | 840003013922060 | | | | | | 1 |
| RUANN BRAX ELLIE-44032-ET | 840003124682521 | | | | | | 1 |
| RUANN BRAX ELLIE-44494-ET | 840003124682983 | | | | | | |
| RUANN BRAX ELLIE-44520-ET | 840003124683009 | | | | | | |
| RUANN BRAX ELLIE-44524-ET | 840003124683013 | | | | | | |
| RUANN BRAX ELLIE-44526-ET | 840003124683015 | | | | | | |
| RUANN BRAX ELLIE-44527-ET | 840003124683016 | | | | | | |
| RUANN BRAX ELLIE-44530-ET | 840003124683019 | | | | | | |
| RUANN BRAX ELLIE-44564-ET | 840003124683053 | | | | | | |
| RUANN BRAX ELLIE-44702-ET | 840003124683191 | | | | | | |
| RUANN BRAX ELLIE-45187-ET | 840003124683676 | | | | | | |
| RUANN BRAX ELLIE-52497-ET | 840003127268601 | | | | | | |
| RUANN BRAX ELLIE-52544-ET | 840003127268648 | | | | | | |
| RUANN BRAX ELLIE-52598-ET | 840003127268702 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BRAX ELLIE-52605-ET | 840003127268709 | | | | | | |
| RUANN BRAX ELLIE-52607-ET | 840003127268711 | | | | | | |
| RUANN BRAX GLORY-45630-ET | 840003126824991 | | | | | | |
| RUANN BRAX KINGPIN-44789-ET | 840003124683278 | | | | | | |
| RUANN BRAX KINGPIN-44813-ET | 840003124683302 | | | | | | |
| RUANN BRAX KINGPIN-44840-ET | 840003124683329 | | | | | | |
| RUANN BRAX KINGPIN-44844-ET | 840003124683333 | | | | | | |
| RUANN BRAX KINGPIN-44847-ET | 840003124683336 | | | | | | |
| RUANN BRAX KINGPIN-44879-ET | 840003124683368 | | | | | | |
| RUANN BRAX KINGPIN-44892-ET | 840003124683381 | | | | | | |
| RUANN BRAX KINGPIN-44921-ET | 840003124683410 | | | | | | |
| RUANN BRAX MOLLY-45783-ET | 840003126825144 | | | | | | |
| RUANN BRAX MOLLY-51760-ET | 840003127267864 | C | | | | | |
| RUANN BRAX PAIGE-10597-ET | USA 69971046 | | | | | | |
| RUANN BRAX PAIGE-14307-ET | 840003009222044 | | | | | | |
| RUANN BRAX PEGGY-35414-ET | 840003012220062 | | | | | | |
| RUANN BRAX PEGGY-35523-ET | 840003012220171 | | | | | | |
| RUANN BRAX PEGGY-41501-ET | 840003013921564 | | | | | | |
| RUANN BRAX PEGGY-41604-ET | 840003013921667 | | | | | | |
| RUANN BRAX PEGGY-41607-ET | 840003013921670 | | | | | | |
| RUANN BRAX PEGGY-41689-ET | 840003013921752 | | | | | | |
| RUANN BRAX PEGGY-41709-ET | 840003013921772 | | | | | | |
| RUANN BRAX PHOEBE-41827-ET | 840003013921890 | | | | | | |
| RUANN BRAX PHOEBE-41899-ET | 840003013921962 | | | | | | |
| RUANN BRAX PHOEBE-43792-ET | 840003124682281 | | | | | | |
| RUANN BRAX PHOEBE-52399-ET | 840003127268503 | | | | | | |
| RUANN BRAX POSCH-44841-ET | 840003124683330 | | | | | | |
| RUANN BRAX POSCH-45000-ET | 840003124683489 | | | | | | |
| RUANN BRAX SACHSE-45741-ET | 840003126825102 | | | | | | |
| RUANN BRAX SACHSE-52146-ET | 840003127268250 | | | | | | |
| RUANN BRAX SACHSE-52147-ET | 840003127268251 | | | | | | |
| RUANN BRAX TRINKET-44671-ET | 840003124683160 | | | | | | 1 |
| RUANN BRAX TRINKET-44760-ET | 840003124683249 | | | | | | |
| RUANN BRAX TRINKET-44792-ET | 840003124683281 | | | | | | 1 |
| RUANN BRAX TRINKET-44800-ET | 840003124683289 | | | | | | 1 |
| RUANN BRAX TRINKET-44805-ET | 840003124683294 | | | | | | 1 |
| RUANN BRAX TRINKET-44824-ET | 840003124683313 | | | | | | |
| RUANN BRAX TRINKET-44939-ET | 840003124683428 | | | | | | |
| RUANN BRAXTON ANNA-42763-ET | 840003013922826 | | | | | | |
| RUANN BRAXTON ECHO-35956 | 840003012220604 | C | | | | | |
| RUANN BRAXTON ECHO-44893-ET | 840003124683382 | | | | | | |
| RUANN BRAXTON JEAN-45124-ET | 840003124683613 | | | C | | | |
| RUANN BRAXTON LOLA-35851-ET | 840003012220499 | | | | | | |
| RUANN BRAXTON LOLA-35909-ET | 840003012220557 | | | | | | |
| RUANN BRAXTON LOLA-35964-ET | 840003012220612 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN BRAXTON LOLA-35974-ET | 840003012220622 | | | | | | |
| RUANN BRAXTON LOLA-35981-ET | 840003012220629 | | | | | | |
| RUANN BRAXTON LOLA-35989-ET | 840003012220637 | | | | | | |
| RUANN BRODIE MERLA-62293-ET | 840003133420073 | | | | | | |
| RUANN BRODIE MERLA-62324-ET | 840003133420104 | C | | | | | |
| RUANN BRON DORINDA-51825-ET | 840003127267929 | | | C | | | |
| RUANN BRON KINGPIN-35685-ET | 840003012220333 | | | C | | | |
| RUANN BRONCO CINDY-11503-ET | 840003008209627 | | | | | | |
| RUANN BRONCO CORRY-61798-ET | 840003133419578 | | | C | | | |
| RUANN BRONCO GLORY-11697-ET | 840003008209821 | | | | | | |
| RUANN BRONCO GLORY-11740-ET | 840003008209864 | | | | | | |
| RUANN BRONCO GLORY-54438-ET | 840003130273817 | | | C | | | |
| RUANN BRONCO JESSE-3998-ET | 840003004670387 | | | C | | | |
| RUANN BRONCO MERLA-4643-ET | 840003004671032 | | | | | | |
| RUANN BRX PHOEBE-41856-ET | 840003013921919 | | | | | | |
| RUANN BUCCAN BONNIE-81276 | USA 66661022 | | | | | | |
| RUANN BUCKEY MERLA-25517-ET | 840003011178844 | | | | | | |
| RUANN BUCKEYE ANNA-70428 | USA 63613775 | | | | | | |
| RUANN BUCKEYE BESS-93524-ET | 840003005124492 | | | | | | |
| RUANN BUTZ DORINDA-33539-ET | 840003012218187 | C | | | | | |
| RUANN BUTZE CORRY-32443-ET | 840003011523411 | | | | | | |
| RUANN BUTZE ELLA-53232-ET | 840003127269336 | | | C | | | |
| RUANN BUTZE IRISH-36570-ET | 840003013920733 | | | | | | |
| RUANN BUTZE IRISH-41539-ET | 840003013921602 | | | | | | |
| RUANN BUTZE JOAN-53264-ET | 840003127269368 | | | | | | |
| RUANN BUTZE NORAIN-25427-ET | 840003010369024 | | | | | | |
| RUANN BUTZE POSCH-20220 | 840003009753942 | | | | | | |
| RUANN BUTZE POSCH-22468-ET | 840003009642120 | | | | | | |
| RUANN BUTZE POSCH-22617-ET | 840003009642269 | | | | | | |
| RUANN BUTZE SACHSE-53949-ET | 840003130273328 | | | | | | |
| RUANN BUTZE SACHSE-54019-ET | 840003130273398 | | | | | | |
| RUANN BUTZE TAUNA-20840-ET | 840003009754562 | C | | | | | |
| RUANN C ANGELINA-40037-ET | USA 61693112 | | | | | | |
| RUANN C BONNIE-45532-RED-ET | 840003126824893 | | | | | | |
| RUANN C CONSTANCE-35078-RED | 840003012219726 | | | | | | |
| RUANN C CONSTANCE-35354-RED | 840003012220002 | | | | | | |
| RUANN C CONSTANCE-35650-RED | 840003012220298 | | | | | | 1 |
| RUANN C CONSTANCE-35715-RED | 840003012220363 | | | | | | 1 |
| RUANN C CONSTANCE-35871-RED | 840003012220519 | C | | | | | |
| RUANN C CONSTANCE-36258-RED | 840003013920421 | | | | | | 1 |
| RUANN C CONSTANCE-42696-RED | 840003013922759 | C | | | | | 1 |
| RUANN C CONSTANCE-43625-RED | 840003124682114 | C | | | | | |
| RUANN C CONSTANCE-43643-RED | 840003124682132 | | | | | | 1 |
| RUANN C CONSTANCE-45192-RED | 840003124683681 | | | | | | 1 |
| RUANN C CONSTANCE-93875-RED | 840003005124843 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN C JEWELANNE-43351-RED | 840003013923414 | | | | | | 1 |
| RUANN C MAPLE-44074-RED-ET | 840003124682563 | | | | | | |
| RUANN C ROCKETTE-35124-RED | 840003012219772 | C | | | | | |
| RUANN C ROCKETTE-36393-RED | 840003013920556 | | | | | | 1 |
| RUANN C VALENTINE-35539-RED | 840003012220187 | | | | | | |
| RUANN C VALENTINE-36337-RED | 840003013920500 | | | | | | 1 |
| RUANN C VALENTINE-41732-RED | 840003013921795 | | | | | | |
| RUANN C VALENTINE-91620-RED | 840003005122588 | | | | | | |
| RUANN CAL CHARMER-94001-ET | 840003005124969 | | | | | | |
| RUANN CAL MERLA-44089-ET | 840003124682578 | | | | | | |
| RUANN CALI BONNIE-44335-ET | 840003124682824 | | | | | | |
| RUANN CALI BONNIE-44348-ET | 840003124682837 | | | | | | |
| RUANN CALI BONNIE-44394-ET | 840003124682883 | | | | | | |
| RUANN CALI MERLA-44082-ET | 840003124682571 | | | | | | |
| RUANN CALI MERLA-44085-ET | 840003124682574 | | | | | | |
| RUANN CALIB GLORY-45250-ET | 840003124683739 | | | | | | |
| RUANN CALIB IRISH-46060-ET | 840003126825421 | | | | | | |
| RUANN CALIB IRISH-46093-ET | 840003126825454 | | | | | | |
| RUANN CALIB MERLA-44016-ET | 840003124682505 | | | | | | |
| RUANN CALIB MERLA-44025-ET | 840003124682514 | | | | | | |
| RUANN CALIB PEGGY-44465-ET | 840003124682954 | | | | | | |
| RUANN CALIB SHENNA-45646-ET | 840003126825007 | | | | | | |
| RUANN CALIBE GLORY-45182-ET | 840003124683671 | | | | | | |
| RUANN CALIBE GLORY-45235-ET | 840003124683724 | | | | | | |
| RUANN CALIBER ALMA-44295 | 840003124682784 | | | | | | |
| RUANN CALIBR PEGGY-51737-ET | 840003127267841 | | | | | | |
| RUANN CALO CHARMER-94126-ET | 840003005125094 | | | | | | |
| RUANN CALVA CORRY-36558-ET | 840003013920721 | | | | | | |
| RUANN CALVA CORRY-41552-ET | 840003013921615 | | | | | | |
| RUANN CALVA ELLIE-32663-ET | 840003011523631 | | | | | | |
| RUANN CALVA POSCH-26466-ET | 840003011179793 | | | | | | |
| RUANN CALVAR CORRY-31584-ET | 840003011522552 | | | | | | |
| RUANN CALY ANDREA-51894-ET | 840003127267998 | | | | | | |
| RUANN CALY CHARMER-94151-ET | 840003005125119 | | | | | | |
| RUANN CALYPS GLORY-43802-ET | 840003124682291 | | | | | | |
| RUANN CALYPS MERLA-43730-ET | 840003124682219 | | | | | | |
| RUANN CALYPSO ECHO-80844 | USA 65280961 | | | C | | | |
| RUANN CALYPSO PEARL-81263 | USA 66661009 | | | | | | |
| RUANN CALYPSO TAUNA-81164 | USA 65281281 | | | | | | |
| RUANN CAN DORINDA-52939-ET | 840003127269043 | | | | | | |
| RUANN CANCUN ANN-52537-ET | 840003127268641 | | | | | | |
| RUANN CANCUN ANN-52619-ET | 840003127268723 | | | | | | |
| RUANN CANCUN ANN-52717-ET | 840003127268821 | | | | | | |
| RUANN CANCUN ANNA-45784-ET | 840003126825145 | | | | | | |
| RUANN CANCUN ANNA-45849-ET | 840003126825210 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CANCUN BESSY-44468-ET | 840003124682957 | | | | | | |
| RUANN CANCUN LOLA-45639-ET | 840003126825000 | | | | | | |
| RUANN CANCUN LOLA-45693-ET | 840003126825054 | | | | | | |
| RUANN CANCUN LOLA-52724-ET | 840003127268828 | | | | | | |
| RUANN CANCUN MERLA-44719-ET | 840003124683208 | | | | | | |
| RUANN CANCUN MERLA-44721-ET | 840003124683210 | C | | | | | |
| RUANN CANCUN MERLA-44750-ET | 840003124683239 | | | | | | |
| RUANN CAP CHARITY-35274-RED | 840003012219922 | | | | | | 1 |
| RUANN CAP COMEDY-42100-RED | 840003013922163 | | | | | | |
| RUANN CAP DORINDA-35191-RED | 840003012219839 | | | | | | 1 |
| RUANN CAP ELLIE-92685-RED | 840003005123653 | | | | | | 1 |
| RUANN CAPI CARMA-42678-RED | 840003013922741 | | | | | | |
| RUANN CAPI EMBER-42037-RED | 840003013922100 | | | | | | 1 |
| RUANN CAPI LOUISE-41782-RED | 840003013921845 | | | | | | 1 |
| RUANN CAPI MAXINE-42110-RED | 840003013922173 | | | | | | 1 |
| RUANN CAPI PRISSY-42562-RED | 840003013922625 | | | | | | 1 |
| RUANN CAPI SKOKIE-36292-RED | 840003013920455 | | | | | | 1 |
| RUANN CAPI SKOKIE-42476-RED | 840003013922539 | | | | | | 1 |
| RUANN CAPI VELOUR-42022-RED | 840003013922085 | | | | | | |
| RUANN CAPT SCARLET-61799-ET | 840003133419579 | | | | | | |
| RUANN CAPT SKOKIE-93597-RED | 840003005124565 | | | | | | 1 |
| RUANN CAPTA IRISH-61787-ET | 840003133419567 | | | | | | |
| RUANN CAPTAIN 91813-ET | 840003005122781 | | | | | | |
| RUANN CAPTAIN ALMA-56311-ET | 840003133419091 | | | | | | |
| RUANN CAPTAIN JOAN-93131 | 840003005124099 | | | | | | |
| RUANN CAPTAIN MERLA-3706-ET | 840003004670095 | | | | | | |
| RUANN CAPTAIN SCARLET-91999 | 840003005122967 | | | | | | |
| RUANN CAR BESSIE-44745-RED | 840003124683234 | | | | | | |
| RUANN CAR CHARITY-50206-RED | 840003127758960 | | | | | | 1 |
| RUANN CARDON GLORY-40635 | USA 61693710 | | | | | | |
| RUANN CARDON PAM-40066 | USA 61693141 | | | | | | |
| RUANN CARL LEGACY-84206-RED | USA 66171765 | | | | | | |
| RUANN CARL VITARA-83814-RED | USA 66107243 | | | | | | |
| RUANN CARS BONNIE-45456-ET | 840003124683945 | | | | | | |
| RUANN CARS DORINDA-54699-ET | 840003130274078 | | | | | | |
| RUANN CARS PEGGY-45063-RED | 840003124683552 | | | | | | 1 |
| RUANN CARS ROSIE-45206-ET | 840003124683695 | | | | | | |
| RUANN CARS ROSIE-52770-ET | 840003127268874 | | | | | | |
| RUANN CARSON ROSIE-45272-ET | 840003124683761 | | | | | | |
| RUANN CARSON ROSIE-45341-ET | 840003124683830 | | | | | | |
| RUANN CARSON ROSIE-52705-ET | 840003127268809 | | | | | | |
| RUANN CARSON ROSIE-52781-ET | 840003127268885 | | | | | | |
| RUANN CASUAL TAUNA-40471 | 840003014226608 | | | | | | |
| RUANN CERISE BECKY-85160 | USA 66462843 | | | | | | 1 |
| RUANN CERISE TRITOMIA-85333 | 840003004190053 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CHAMP BONNIE-50402 | USA 62119657 | | | | | | |
| RUANN CHAMP ECHO-54654-ET | USA 62658000 | | | | | | |
| RUANN CHAMP MERLA-53988-ET | USA 62593524 | | | | | | |
| RUANN CHAMP POSCH-50718-ET | USA 62119973 | | | | | | |
| RUANN CHAMP VODKA-55616-ET | USA 62815557 | | | | | | |
| RUANN CHAMPION GLORY-50462 | USA 62119717 | | | | | | |
| RUANN CHAMPION GLORY-60986 | USA 62727269 | | | | | | |
| RUANN CHAMPION PAM-64538-ET | USA 63521527 | | | | | | |
| RUANN CHAP ECHO-54995-ET | 840003130274374 | | | | | | |
| RUANN CHAP ECHO-55081-ET | 840003130274460 | | | | | | |
| RUANN CHAPEAU ANNA-25273 | 840003010368870 | | | | | | |
| RUANN CHARITY-10222-RED | USA 69970671 | | | | | | |
| RUANN CHARITY-22065-RED-ET | 840003009641717 | | | | | | |
| RUANN CHARITY-24640-RED-ET | 840003010368237 | | C | | | | |
| RUANN CHARITY-30212-RED | 840003011579500 | | | | | | 1 |
| RUANN CHARITY-30973-RED | 840003011580261 | | C | | | | 3 |
| RUANN CHARITY-35169-RED-ET | 840003012219817 | | | | | | |
| RUANN CHARITY-44599-RED-ET | 840003124683088 | | | | | | |
| RUANN CHARITY-45367-RED-ET | 840003124683856 | | | | | | |
| RUANN CHARITY-45409-RED-ET | 840003124683898 | | | | | | |
| RUANN CHARITY-45550-RED-ET | 840003126824911 | | | | | | |
| RUANN CHARITY-46332-RED-ET | 840003126825693 | | | | | | |
| RUANN CHARITY-51043-RED | 840003127759797 | | | | | | |
| RUANN CHARITY-52106-RED-ET | 840003127268210 | | | | | | |
| RUANN CHARITY-52171-RED-ET | 840003127268275 | | | | | | |
| RUANN CHARITY-52523-RED-ET | 840003127268627 | | | | | | |
| RUANN CHARITY-52539-RED-ET | 840003127268643 | | | | | | |
| RUANN CHARITY-53289-RED-ET | 840003127269393 | | | | | | |
| RUANN CHARITY-53607-RED-ET | 840003130272986 | | | | | | |
| RUANN CHARITY-53808-RED-ET | 840003130273187 | | | | | | |
| RUANN CHARITY-55056-RED-ET | 840003130274435 | | | | | | |
| RUANN CHARITY-55070-RED-ET | 840003130274449 | | | | | | |
| RUANN CHARITY-55115-RED-ET | 840003130274494 | | | | | | 1 |
| RUANN CHARITY-55118-RED-ET | 840003130274497 | | | | | | |
| RUANN CHARITY-55291-RED-ET | USA 62766318 | | | | | | |
| RUANN CHARITY-55557-RED-ET | USA 62815521 | | | | | | |
| RUANN CHARITY-71067-RED-ET | USA 63614414 | | | | | | |
| RUANN CHARITY-75440-RED-ET | USA 65390880 | | | | | | |
| RUANN CHARITY-93316-RED-ET | 840003005124284 | | | | | | |
| RUANN CHARITY-93320-RED-ET | 840003005124288 | | | | | | |
| RUANN CHASE GLORY-53855-ET | 840003130273234 | | | C | | | |
| RUANN CHASE GLORY-53897-ET | 840003130273276 | | | C | | | |
| RUANN CHASE GLORY-56036-ET | 840003133418816 | | | | | | |
| RUANN CHASE JESSE-45719-ET | 840003126825080 | | | C | | | |
| RUANN CHASE JESSE-45751-ET | 840003126825112 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CHASE NORAIN-46024-ET | 840003126825385 | | | | | | |
| RUANN CHASE NORAIN-46079-ET | 840003126825440 | | | | | | |
| RUANN CHASE PAIGE-45354-ET | 840003124683843 | | | | | | |
| RUANN CHASE PAIGE-45530-ET | 840003126824891 | | | C | | | |
| RUANN CHASE PAM-54185-ET | 840003130273564 | | | | | | |
| RUANN CHASE PAM-62070-ET | 840003133419850 | | | C | | | |
| RUANN CHEL DORINDA-36286-ET | 840003013920449 | C | | | | | |
| RUANN CHEL DORINDA-36343-ET | 840003013920506 | | | | | | |
| RUANN CHEL DORINDA-41894-ET | 840003013921957 | C | | | | | |
| RUANN CHEL DORINDA-41966-ET | 840003013922029 | | | | | | |
| RUANN CHEL DORINDA-41974-ET | 840003013922037 | C | | | | | |
| RUANN CHEL DORINDA-41983-ET | 840003013922046 | | | | | | |
| RUANN CHEL DORINDA-42062-ET | 840003013922125 | C | | | | | |
| RUANN CHEL DORINDA-42079-ET | 840003013922142 | C | | | | | |
| RUANN CHEL DORINDA-43354-ET | 840003013923417 | | | | | | |
| RUANN CHEL DORINDA-45378-ET | 840003124683867 | | | | | | |
| RUANN CHEL LANELLE-35776-ET | 840003012220424 | | | C | | | |
| RUANN CHEL LANELLE-35778-ET | 840003012220426 | | | C | | | |
| RUANN CHELI BONNIE-43400-ET | 840003013923463 | | | | | | |
| RUANN CHELI KRISTA-52319-ET | 840003127268423 | | | | | | |
| RUANN CHELI PHOEBE-42836-ET | 840003013922899 | | | | | | |
| RUANN CHELI PHOEBE-42881-ET | 840003013922944 | | | | | | |
| RUANN CHELI PHOEBE-42926-ET | 840003013922989 | | | | | | |
| RUANN CHELI SHENNA-41681-ET | 840003013921744 | | | C | | | |
| RUANN CHELI SHENNA-41700-ET | 840003013921763 | | | | | | |
| RUANN CHELI SHENNA-41812-ET | 840003013921875 | | | | | | |
| RUANN CHELI SHENNA-41896-ET | 840003013921959 | | | C | | | |
| RUANN CHELIO ELLIE-35548-ET | 840003012220196 | | | | | | |
| RUANN CHELIO ELLIE-35587-ET | 840003012220235 | | | | | | 1 |
| RUANN CHELIO GLORY-35111-ET | 840003012219759 | | | | | | |
| RUANN CHELIO GLORY-35118-ET | 840003012219766 | | | | | | |
| RUANN CHELIO GLORY-35139-ET | 840003012219787 | | | | | | |
| RUANN CHELIO GLORY-35199-ET | 840003012219847 | | | | | | |
| RUANN CHELIO GLORY-35220-ET | 840003012219868 | | | | | | |
| RUANN CHELIO GLORY-41961-ET | 840003013922024 | | | | | | |
| RUANN CHELIO GLORY-43595-ET | 840003124682084 | | | | | | |
| RUANN CHELIO GLORY-43750-ET | 840003124682239 | | | | | | |
| RUANN CHELIO GLORY-54067-ET | 840003130273446 | | | | | | |
| RUANN CHELIO PAIGE-36310-ET | 840003013920473 | | | | | | |
| RUANN CHELIO PEGGY-45656-ET | 840003126825017 | | | | | | |
| RUANN CHELIO PEGGY-45759-ET | 840003126825120 | | | | | | |
| RUANN CHELIO POSCH-41694-ET | 840003013921757 | | | | | | |
| RUANN CHELIO POSCH-41727-ET | 840003013921790 | | | | | | |
| RUANN CHELIO POSCH-41745-ET | 840003013921808 | | | | | | |
| RUANN CHELIOS JEAN-42417-ET | 840003013922480 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CHELIOS JEAN-43892-ET | 840003124682381 | | | | | | |
| RUANN CHELIOS WHIM-42082-ET | 840003013922145 | | | | | | |
| RUANN CHELIOS WHIM-44315-ET | 840003124682804 | | | | | | |
| RUANN CHELIOS WHIM-44321-ET | 840003124682810 | | | | | | |
| RUANN CHELIOS WHIM-44329-ET | 840003124682818 | | | | | | |
| RUANN CHIP CHARMER-20851-ET | 840003009754573 | | | | | | |
| RUANN CHIP GLORY-20254 | 840003009753976 | | | | | | |
| RUANN CHIP GLORY-20326 | 840003009754048 | | | | | | |
| RUANN CHL TRITOMIA-42667-ET | 840003013922730 | | | | | | |
| RUANN CNS NATURAL-35058-RED | 840003012219706 | C | | | | | |
| RUANN CNS SKOKIE-36004-RED | 840003013920167 | C | | | | | |
| RUANN CNSTA PEGGY-41692-RED | 840003013921755 | C | | | | | |
| RUANN CNSTANCE-70975-RED-TW | USA 63614322 | | | | | | |
| RUANN CO CANDID-93266-RED | 840003005124234 | | | | | | |
| RUANN CO CHARITY-92114-RED | 840003005123082 | | | | | | |
| RUANN CO DORINDA-92274-RED | 840003005123242 | | | | | | |
| RUANN CO DORINDA-93375-RED | 840003005124343 | | | | | | |
| RUANN CO LOUISE-92350-RED | 840003005123318 | | | | | | |
| RUANN CO SKYLARK-94133-RED | 840003005125101 | | | | | | |
| RUANN CO TRIGGER-42890-RED | 840003013922953 | | | | | | |
| RUANN CO TRIGGER-91880-RED | 840003005122848 | | | | | | |
| RUANN CO VALJEAN-92876-RED | 840003005123844 | | | | | | |
| RUANN COL TRIGGER-15758-RED | 840003009481780 | | | | | | |
| RUANN COM CHARITY-85674-RED | USA 66562141 | | | | | | |
| RUANN COMAND BESSY-50222-ET | 840003127758976 | | | | | | |
| RUANN COMAND ELLIE-52486-ET | 840003127268590 | | | | | | |
| RUANN COMED ANNID-85790-RED | USA 66610036 | | | | | | |
| RUANN COMED DELTA-94401-RED | 840003005125369 | | | | | | |
| RUANN COMED JEWEL-86024-RED | USA 66833619 | | | | | | |
| RUANN COMED PAIGE-91890-RED | 840003005122858 | | | | | | |
| RUANN COMED TAMMY-91507-RED | 840003005122475 | | | | | | |
| RUANN COMEDY COMET-91512 | 840003005122480 | | | | | | |
| RUANN COMEDY CORY-93397-RED | 840003005124365 | | | | | | |
| RUANN COMEDY FRAN-92931 | 840003005123899 | C | | | | | |
| RUANN COMEDY HANNAH-93414 | 840003005124382 | | | | | | |
| RUANN COMEDY LOLA-92846-RED | 840003005123814 | | | | | | |
| RUANN COMEDY LOLA-92908-RED | 840003005123876 | | | | | | |
| RUANN COMEDY MOLLY-85721 | USA 66562172 | | | | | | |
| RUANN COMEDY PAM-93188-RED | 840003005124156 | | | | | | |
| RUANN COMEDY PANSY-94033 | 840003005125001 | | | | | | |
| RUANN COMEDY TAUNA-92689 | 840003005123657 | | | | | | |
| RUANN COMEDY TENA-92248-RED | 840003005123216 | | | | | | |
| RUANN COMEDY TRINKET-91936 | 840003005122904 | C | | | | | |
| RUANN COMEDY-91588-RED | 840003005122556 | | | | | | |
| RUANN COMFO JERRY-92973-RED | 840003005123941 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN COMFOR COLANTHA-92013 | 840003005122981 | | | | | | |
| RUANN COMFOR CORRY-93340-TW | 840003005124308 | | | | | | |
| RUANN COMFOR CORRY-93341-TW | 840003005124309 | | | | | | |
| RUANN COMFORT DARLA-92249 | 840003005123217 | | | | | | |
| RUANN COMFORT EMBER-91865 | 840003005122833 | | | | | | |
| RUANN COMFORT JOLIET-85854 | USA 66610085 | | | | | | |
| RUANN COMFORT LIFE-85591 | USA 66562068 | | | | | | |
| RUANN COMFORT TAUNA-92082 | 840003005123050 | | | | | | |
| RUANN COMFORT VOGUE-91597 | 840003005122565 | | | | | | |
| RUANN COMFORT-85613 | USA 66562088 | | | | | | |
| RUANN COMM TRINKET-54358-ET | 840003130273737 | | | | | | |
| RUANN COMMAN CHARMER-50417 | 840003127759171 | | | | | | |
| RUANN COMMAN ELLIE-52582-ET | 840003127268686 | | | | | | |
| RUANN COMMAN ELLIE-52590-ET | 840003127268694 | | | | | | |
| RUANN COMMANDE NORAIN-50169 | 840003127758923 | | | | | | |
| RUANN COMMANDER ECHO-50518 | 840003127759272 | | | | | | |
| RUANN COMMANDER POSCH-50382 | 840003127759136 | C | | | | | |
| RUANN CON CANDITA-42006-RED | 840003013922069 | | | | | | 1 |
| RUANN CON CAVEMAN-42439-RED | 840003013922502 | | | | | | |
| RUANN CON CHARITY-42785-RED | 840003013922848 | | | | | | |
| RUANN CON CHARITY-43326-RED | 840003013923389 | | | | | | |
| RUANN CON DELORES-41748-RED | 840003013921811 | | | | | | |
| RUANN CON DORINDA-35731-RED | 840003012220379 | | | | | | |
| RUANN CON DORINDA-36477-RED | 840003013920640 | | | | | | |
| RUANN CON DORINDA-42407-RED | 840003013922470 | | | | | | |
| RUANN CON DORINDA-92585-RED | 840003005123553 | | | | | | |
| RUANN CON SKOKIE-85420-RED | USA 66534188 | | | | | | |
| RUANN CON SUCCESS-92365-RED | 840003005123333 | | | | | | |
| RUANN CONA CAMY-42921-RED | 840003013922984 | | | | | | |
| RUANN CONDUCTOR-54453-ET | 840003130273832 | | | | | | |
| RUANN CONQ CHERRY-35842-RED | 840003012220490 | | | | | | |
| RUANN CONQ JENNIE-42648-RED | 840003013922711 | | | | | | |
| RUANN CONQ JORDY-92467-RED | 840003005123435 | | | | | | |
| RUANN CONQ MOLLY-36441-RED | 840003013920604 | | | | | | |
| RUANN CONQ SWEET-35574-RED | 840003012220222 | C | | | | | |
| RUANN CONQ TAUNA-36436-RED | 840003013920599 | | | | | | |
| RUANN CONQE LANCE-93431-RED | 840003005124399 | | | | | | |
| RUANN CONQU MOLLY-42091-RED | 840003013922154 | | | | | | |
| RUANN CONQU NIAGARA-92625 | 840003005123593 | | | | | | |
| RUANN CONQU TAMMY-42580-RED | 840003013922643 | | | | | | |
| RUANN CONQUES MAE-42703-RED | 840003013922766 | | | | | | |
| RUANN CONQUEST 92303 | 840003005123271 | | | | | | |
| RUANN CONQUEST ALLI-85458 | USA 66534217 | | | | | | |
| RUANN CONQUEST DELUX-94280 | 840003005125248 | | | | | | |
| RUANN CONQUEST ELLA-93675 | 840003005124643 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CONQUEST FLAME-93121 | 840003005124089 | | | | | | |
| RUANN CONQUEST GLORY-94240 | 840003005125208 | | | | | | |
| RUANN CONQUEST MAXINE-92593 | 840003005123561 | | | | | | |
| RUANN CONQUEST MERLA-93082 | 840003005124050 | | | | | | |
| RUANN CONQUEST MERLA-93282 | 840003005124250 | | | C | | | |
| RUANN CONQUEST MERLA-94540 | 840003006192566 | C | | | | | |
| RUANN CONQUEST MOLLY-92409 | 840003005123377 | | | | | | |
| RUANN CONQUEST MYRT-92324 | 840003005123292 | | | | | | |
| RUANN CONQUEST NELLY-42273 | 840003013922336 | C | | | | | |
| RUANN CONQUEST PANSY-93803 | 840003005124771 | | | | | | |
| RUANN CONQUEST ROXY-92539 | 840003005123507 | | | | | | |
| RUANN CONQUEST TAUNA-93852 | 840003005124820 | | | | | | |
| RUANN CONQUEST VIOLET-92244 | 840003005123212 | | | | | | |
| RUANN CONQUEST-91979 | 840003005122947 | | | | | | |
| RUANN CONQUEST-92272 | 840003005123240 | | | | | | |
| RUANN CONQUEST-92369 | 840003005123337 | | | | | | |
| RUANN CONQUEST-92427 | 840003005123395 | | | | | | |
| RUANN CONQUEST-93510-RED | 840003005124478 | | | | | | |
| RUANN CONSTACE-43752-RED-ET | 840003124682241 | | | | | | |
| RUANN CONSTACE-46398-RED-ET | 840003126825759 | | | | | | 1 |
| RUANN CONSTAN-85997-RED-ET | USA 66833598 | C | | | | | |
| RUANN CONSTANC-14852-RED-ET | USA 60710607 | | | | | | |
| RUANN CONSTANC-22903-RED-ET | 840003009642555 | C | | | | C | |
| RUANN CONSTANC-23992-RED-ET | 840003010367589 | | | | | | 4 |
| RUANN CONSTANC-34735-RED-ET | 840003012219383 | | | | | | 3 |
| RUANN CONSTANC-35254-RED-ET | 840003012219902 | | C | | | | |
| RUANN CONSTANC-35263-RED-ET | 840003012219911 | | | | | | |
| RUANN CONSTANC-35808-RED-ET | 840003012220456 | | | | | | 2 |
| RUANN CONSTANC-35839-RED-ET | 840003012220487 | | | | | | 2 |
| RUANN CONSTANC-35982-RED-ET | 840003012220630 | | C | | | | 1 |
| RUANN CONSTANC-36094-RED-ET | 840003013920257 | | C | | | | 1 |
| RUANN CONSTANC-36429-RED-ET | 840003013920592 | | | | | | |
| RUANN CONSTANC-36452-RED-ET | 840003013920615 | | | | | | |
| RUANN CONSTANC-36455-RED-ET | 840003013920618 | | | | | | 1 |
| RUANN CONSTANC-36502-RED-ET | 840003013920665 | | | | | | 1 |
| RUANN CONSTANC-40207-RED-ET | 840003014226344 | C | | | | | |
| RUANN CONSTANC-41733-RED-ET | 840003013921796 | | | | | | |
| RUANN CONSTANC-42430-RED-ET | 840003013922493 | | | | | | 1 |
| RUANN CONSTANC-42534-RED-ET | 840003013922597 | | | | | | |
| RUANN CONSTANC-42618-RED-ET | 840003013922681 | | C | | | C | 1 |
| RUANN CONSTANC-42651-RED-ET | 840003013922714 | C | | | | C | 1 |
| RUANN CONSTANC-42731-RED-ET | 840003013922794 | | | | | | 1 |
| RUANN CONSTANC-42747-RED-ET | 840003013922810 | C | C | | | C | 1 |
| RUANN CONSTANC-43291-RED-ET | USA 61955414 | | | | | | |
| RUANN CONSTANC-43843-RED-ET | 840003124682332 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CONSTANC-43924-RED-ET | 840003124682413 | | | | | | |
| RUANN CONSTANC-43950-RED-ET | 840003124682439 | | | | | | |
| RUANN CONSTANC-43991-RED-ET | 840003124682480 | | | | | | |
| RUANN CONSTANC-43993-RED-ET | 840003124682482 | | | | | | 1 |
| RUANN CONSTANC-44112-RED-ET | 840003124682601 | | | | | | |
| RUANN CONSTANC-44790-RED-ET | 840003124683279 | | | | | | |
| RUANN CONSTANC-85015-RED-ET | USA 66446982 | C | | | | | |
| RUANN CONSTANC-85415-RED-TW | USA 66534184 | | | | | | |
| RUANN CONSTANC-94499-RED-ET | 840003005125467 | | | | | | |
| RUANN CONSTANCE-10645 | USA 69971094 | | | | | | |
| RUANN CONSTANCE-11044-RED | USA 69971493 | | | | | | 1 |
| RUANN CONSTANCE-1148-RED | USA 69018750 | | | | | | |
| RUANN CONSTANCE-20230-ET | 840003009753952 | | C | | | | 3 |
| RUANN CONSTANCE-20418-RED | 840003009754140 | | | | | | |
| RUANN CONSTANCE-20527-ET | 840003009754249 | | | | | | 3 |
| RUANN CONSTANCE-20754-RED | 840003009754476 | | | | | | 1 |
| RUANN CONSTANCE-20912 | 840003009754634 | | | | | | 1 |
| RUANN CONSTANCE-22853-ET | 840003009642505 | | C | | | | 3 |
| RUANN CONSTANCE-24420-ET | 840003010368017 | | | | | | 1 |
| RUANN CONSTANCE-25155-ET | 840003010368752 | | | | | | |
| RUANN CONSTANCE-30910-ET | 840003011580198 | | | | | | |
| RUANN CONSTANCE-31176-ET | 840003011580464 | | C | C | | | |
| RUANN CONSTANCE-3122-RED-ET | 840003006994258 | | | | | | 1 |
| RUANN CONSTANCE-334-RED | USA 69017936 | | | | | | 1 |
| RUANN CONSTANCE-35246-ET | 840003012219894 | | C | | | | |
| RUANN CONSTANCE-35506-RED | 840003012220154 | | | | | | |
| RUANN CONSTANCE-35975-ET | 840003012220623 | | | | | | |
| RUANN CONSTANCE-36106-RED | 840003013920269 | | | | | | |
| RUANN CONSTANCE-36457-ET | 840003013920620 | | | | | | |
| RUANN CONSTANCE-40227-RED | 840003014226364 | | | | | | |
| RUANN CONSTANCE-41751-RED | 840003013921814 | C | | | | | 1 |
| RUANN CONSTANCE-42521-RED | 840003013922584 | C | | | | | |
| RUANN CONSTANCE-44150-RED | USA 62130345 | | | | | | |
| RUANN CONSTANCE-44486-RED | 840003124682975 | | | | | | |
| RUANN CONSTANCE-44532-RED | 840003124683021 | | | | | | |
| RUANN CONSTANCE-45244-RED | 840003124683733 | | | | | | |
| RUANN CONSTANCE-51012-RED | 840003127759766 | | | | | | |
| RUANN CONSTANCE-51546-TW | 840003127267650 | | | | | | |
| RUANN CONSTANCE-51547-TW | 840003127267651 | | | | | | |
| RUANN CONSTANCE-51632 | 840003127267736 | | | | | | |
| RUANN CONSTANCE-52354 | 840003127268458 | | | | | | |
| RUANN CONSTANCE-52618 | 840003127268722 | | | | | | |
| RUANN CONSTANCE-52792-ET | 840003127268896 | | | | | | |
| RUANN CONSTANCE-52976 | 840003127269080 | | | | | | |
| RUANN CONSTANCE-53359-ET | 840003127269463 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CONSTANCE-53558 | 840003130272937 | | | | | | |
| RUANN CONSTANCE-54658-ET | 840003130274037 | C | | | | | |
| RUANN CONSTANCE-71071-RED | USA 63614418 | | | | | | |
| RUANN CONSTANCE-80532-RED | USA 65280649 | | | | | | |
| RUANN CONSTANCE-81020-RED | USA 65281137 | | | | | | 1 |
| RUANN CONSTANCE-81247-ET | USA 65281364 | | | | | | |
| RUANN CONSTANCE-91816-RED | 840003005122784 | | | | | | |
| RUANN CONSTANCE-94348-RED | 840003005125316 | | | | | | 1 |
| RUANN CONSTNCE 41710-RED-ET | 840003013921773 | | | | | | 1 |
| RUANN CONSTNCE-43724-RED-ET | 840003124682213 | | C | | | | 3 |
| RUANN CONSTNCE-44740-RED-ET | 840003124683229 | | C | | | | |
| RUANN CONSTNCE-45070-RED-ET | 840003124683559 | | C | | | | 3 |
| RUANN CONSTNCE-45148-RED-ET | 840003124683637 | | C | | | | 3 |
| RUANN CONSTNCE-45380-RED-ET | 840003124683869 | | | | | | |
| RUANN CONSTNCE-45383-RED-ET | 840003124683872 | C | | | | | |
| RUANN CONSTNCE-45430-RED-ET | 840003124683919 | | | | | | |
| RUANN CONSTNCE-45927-RED-ET | 840003126825288 | C | | | | | |
| RUANN CONSTNCE-45950-RED-ET | 840003126825311 | | | | | | |
| RUANN CONSTNCE-46049-RED-ET | 840003126825410 | C | | | | | |
| RUANN CONSTNCE-46309-RED-ET | 840003126825670 | C | | | | | |
| RUANN CONSTNCE-51854-RED-ET | 840003127267958 | | | | | | 1 |
| RUANN CONSTNCE-52823-RED-ET | 840003127268927 | | | | | | |
| RUANN CONSTNCE-52974-RED-ET | 840003127269078 | | | | | | |
| RUANN CONSTNCE-53221-RED-ET | 840003127269325 | | | | | | 1 |
| RUANN CONSTNCE-53364-RED-ET | 840003127269468 | | | | | | |
| RUANN CONSTNCE-53537-RED-ET | 840003130272916 | C | | | | | |
| RUANN CONSTNCE-54671-RED-ET | 840003130274050 | C | | | | | |
| RUANN CONSTNCE-54729-RED-ET | 840003130274108 | C | | | | | |
| RUANN CONSTNCE-55551-RED-ET | 840003133418331 | | | | | | 1 |
| RUANN CONSTNCE-55591-RED-ET | 840003133418371 | | | | | | 1 |
| RUANN CONSTNCE-55593-RED-ET | 840003133418373 | | | | | | |
| RUANN CONSTNCE-55595-RED-ET | 840003133418375 | | | | | | |
| RUANN CONSTNCE-61820-RED-ET | 840003133419600 | | | | | | |
| RUANN CONSTNCE-61844-RED-ET | 840003133419624 | | | | | | 1 |
| RUANN CONSTNCE-61891-RED-ET | 840003133419671 | | | | | | 1 |
| RUANN CONSTNCE-62200-RED-ET | 840003133419980 | | | | | | 1 |
| RUANN COR CHARITY-44851-RED | 840003124683340 | | | | | | |
| RUANN COR CHARITY-45510-RED | 840003126824871 | | | | | | |
| RUANN COR DORINDA-44411-RED | 840003124682900 | | | | | | |
| RUANN COR DORINDA-45563-RED | 840003126824924 | | | | | | |
| RUANN COR VITA-44700-RED-TW | 840003124683189 | | | | | | |
| RUANN COR VITA-44701-RED-TW | 840003124683190 | | | | | | |
| RUANN CORV ANNID-52037-RED | 840003127268141 | | | | | | |
| RUANN CORV BECKY-44279-RED | 840003124682768 | | | | | | |
| RUANN CORV BONNIE-54611-RED | 840003130273990 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CORV CANDID-46316-RED | 840003126825677 | | | | | | |
| RUANN CORV CLARET-45747-RED | 840003126825108 | | | | | | |
| RUANN CORV PEGGY-46213-RED | 840003126825574 | | | | | | |
| RUANN CORV SKOKIE-44205-RED | 840003124682694 | C | | | | | |
| RUANN CORV SKOKIE-44976-RED | 840003124683465 | | | | | | |
| RUANN CORV SKOKIE-45298-RED | 840003124683787 | | | | | | |
| RUANN CORV SKOKIE-45571-RED | 840003126824932 | | | | | | |
| RUANN CORV SKOKIE-45684-RED | 840003126825045 | | | | | | |
| RUANN CORV SWEET-45283-RED | 840003124683772 | | | | | | |
| RUANN CORV TAUNA-61513-RED | 840003133419293 | | | | | | |
| RUANN CORVE DELTA-45347-RED | 840003124683836 | | | | | | |
| RUANN CORVE GLORY-44749-RED | 840003124683238 | | | | | | |
| RUANN CORVE JESSE-45021-RED | 840003124683510 | | | | | | |
| RUANN CORVE SIMAS-44958-RED | 840003124683447 | | | | | | |
| RUANN CORVET CARY-45568-RED | 840003126824929 | | | | | | |
| RUANN CORVET ELLA-53106-RED | 840003127269210 | | | | | | |
| RUANN CORVET GRACEY-55646 | 840003133418426 | | | | | | |
| RUANN CORVET MAE-45899-RED | 840003126825260 | C | | | | | |
| RUANN CORVET MERLA-55585 | 840003133418365 | | | | | | |
| RUANN CORVET TAUNA-45138 | 840003124683627 | | | | | | |
| RUANN CORVET VITA-45127-RED | 840003124683616 | | | | | | |
| RUANN COS CONSTANCE-52014 | 840003127268118 | | | | | | |
| RUANN COSACK GRATEFUL-52199 | 840003127268303 | | | | | | |
| RUANN COSACK MANDYSUE-55594 | 840003133418374 | | | | | | |
| RUANN COSACK MERLA-54727-TW | 840003130274106 | | | | | | |
| RUANN COSACK MERLA-54728-TW | 840003130274107 | | | | | | |
| RUANN COSACK TAUNA-54463-TW | 840003130273842 | | | | | | |
| RUANN COSACK TAUNA-54464-TW | 840003130273843 | | | | | | |
| RUANN COSSAC MERLA-52081-TW | 840003127268185 | | | | | | |
| RUANN COSSAC MERLA-52082-TW | 840003127268186 | | | | | | |
| RUANN COSSACK ABILENE-55284 | 840003130274663 | | | | | | |
| RUANN COSSACK ADELE-55504 | 840003133418284 | | | | | | |
| RUANN COSSACK ALMA-51913 | 840003127268017 | | | | | | |
| RUANN COSSACK ALMA-52333 | 840003127268437 | | | | | | |
| RUANN COSSACK ANDREA-52341 | 840003127268445 | | | | | C | |
| RUANN COSSACK ANNA-51991 | 840003127268095 | | | | | | |
| RUANN COSSACK ANNA-54923 | 840003130274302 | | | | | | |
| RUANN COSSACK ANNA-55446 | 840003130274825 | | | | | | 1 |
| RUANN COSSACK BESSY-54186 | 840003130273565 | | | | | C | |
| RUANN COSSACK BETTY-52236 | 840003127268340 | | | | | | |
| RUANN COSSACK COMET-54680 | 840003130274059 | | | | | | |
| RUANN COSSACK CORRY-54525 | 840003130273904 | | | | | | |
| RUANN COSSACK CORY-54801 | 840003130274180 | | | | | | |
| RUANN COSSACK DELUX-52179 | 840003127268283 | | | | | | |
| RUANN COSSACK ECHO-54435 | 840003130273814 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN COSSACK ECHO-54756 | 840003130274135 | | | | | | |
| RUANN COSSACK ELLA-54803 | 840003130274182 | | | C | | | |
| RUANN COSSACK ELLA-54838 | 840003130274217 | | | | | | |
| RUANN COSSACK FOBES-55409 | 840003130274788 | | | | | | |
| RUANN COSSACK GAL-55075 | 840003130274454 | | | | | | 3 |
| RUANN COSSACK GALE-55442 | 840003130274821 | | | | | | |
| RUANN COSSACK GINGER-52259 | 840003127268363 | | | | | | |
| RUANN COSSACK GLORY-53974 | 840003130273353 | | | | | | |
| RUANN COSSACK GLORY-54320 | 840003130273699 | | | | | | |
| RUANN COSSACK GLORY-54987 | 840003130274366 | | | | | | |
| RUANN COSSACK HELEN-51967 | 840003127268071 | | | | | | 1 |
| RUANN COSSACK JEAN-53919 | 840003130273298 | | | C | | | 1 |
| RUANN COSSACK JEAN-54378 | 840003130273757 | | | | | | |
| RUANN COSSACK KIDD-52028 | 840003127268132 | | | | | | |
| RUANN COSSACK KIDD-53996 | 840003130273375 | | | | | | |
| RUANN COSSACK KIDD-54747 | 840003130274126 | | | | | | |
| RUANN COSSACK KINDRA-55351 | 840003130274730 | | | | | | |
| RUANN COSSACK KIT-53965 | 840003130273344 | | | | | | |
| RUANN COSSACK LACINDY-52114 | 840003127268218 | | | | | | |
| RUANN COSSACK LOLA-54543 | 840003130273922 | | | | | | |
| RUANN COSSACK MAGGIE-53782 | 840003130273161 | | | | | | |
| RUANN COSSACK MAMIE-54836 | 840003130274215 | | | | | | |
| RUANN COSSACK MARINA-54577 | 840003130273956 | | | | | | |
| RUANN COSSACK MARTIKA-52005 | 840003127268109 | | | | | | 1 |
| RUANN COSSACK MELANIE-55411 | 840003130274790 | C | | | | | |
| RUANN COSSACK MERLA-52427 | 840003127268531 | | | | | | |
| RUANN COSSACK MERLA-53963 | 840003130273342 | | | | | | |
| RUANN COSSACK MERLA-54336 | 840003130273715 | | | | | | |
| RUANN COSSACK MERLA-54952 | 840003130274331 | | | | | | |
| RUANN COSSACK MERLA-55528 | 840003133418308 | | | | | | |
| RUANN COSSACK MOLLY-52454 | 840003127268558 | | | | | | |
| RUANN COSSACK PAIGE-54958 | 840003130274337 | | | | | | |
| RUANN COSSACK PAM-55539 | 840003133418319 | C | | | | | |
| RUANN COSSACK SOPHIA-55211 | 840003130274590 | | | | | | |
| RUANN COSSACK STARLA-55076 | 840003130274455 | | | | | | |
| RUANN COSSACK SUGAR-54715 | 840003130274094 | | | | | | |
| RUANN COSSACK TAUNA-52215 | 840003127268319 | | | | | | 1 |
| RUANN COSSACK TAUNA-53953 | 840003130273332 | | | C | | | |
| RUANN COSSACK TAUNA-54070 | 840003130273449 | | | | | | |
| RUANN COSSACK TAUNA-54093 | 840003130273472 | | | | | | |
| RUANN COSSACK TAUNA-54354 | 840003130273733 | C | | | | | |
| RUANN COSSACK TAUNA-54397 | 840003130273776 | | | | | | |
| RUANN COSSACK TAUNA-54582 | 840003130273961 | | | | | | |
| RUANN COSSACK TAUNA-54654 | 840003130274033 | | | | | | |
| RUANN COSSACK TAUNA-55401 | 840003130274780 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN COSSACK TENA-55233 | 840003130274612 | C | | | | | |
| RUANN COSSACK TILLIE-55059 | 840003130274438 | | | | | | |
| RUANN COURT-83773-RED-ET | USA 66107216 | | | | | | |
| RUANN COUST BONNIE-34957-ET | USA 61679224 | | | | | | |
| RUANN CR CHARITY-44130-RED | 840003124682619 | C | | | | | |
| RUANN CR DORINDA-43372-RED | 840003013923435 | | | | | | |
| RUANN CR RUSSMATT-43963-RED | 840003124682452 | | | | | | |
| RUANN CR RUSSMATT-54623-RED | 840003130274002 | | | | | | |
| RUANN CRANK ANDREA-55947-ET | 840003133418727 | | | | | | |
| RUANN CRANK ANDREA-56021-ET | 840003133418801 | | | | | | |
| RUANN CRANK ANDREA-56043-ET | 840003133418823 | | | | | | |
| RUANN CRANK ANDREA-56110-ET | 840003133418890 | | | | | | |
| RUANN CRANK GLORY-56141-ET | 840003133418921 | | | | | | |
| RUANN CRANK LOLA-56293-ET | 840003133419073 | | | | | | |
| RUANN CRANK LOLA-56358-ET | 840003133419138 | | | | | | |
| RUANN CRANK POSCH-55305-ET | 840003130274684 | | | | | | |
| RUANN CRANK POSCH-55353-ET | 840003130274732 | | | | | | |
| RUANN CRE CHARITY-35440-RED | 840003012220088 | | | | | | |
| RUANN CRE CHARITY-35477-RED | 840003012220125 | | | | | | |
| RUANN CRE DORINDA-43526-RED | 840003124682015 | | | | | | 1 |
| RUANN CRE DORINDA-45191-RED | 840003124683680 | | | | | | 1 |
| RUANN CRE TRIGGER-35688-RED | 840003012220336 | | | | | | 1 |
| RUANN CRE VALJEAN-43056-RED | 840003013923119 | | | | | | 1 |
| RUANN CRES ANDREA-44582-RED | 840003124683071 | | | | | | |
| RUANN CRES BONNIE-26158-ET | 840003011179485 | | | | | | |
| RUANN CRES BONNIE-44054-RED | 840003124682543 | | | | | | |
| RUANN CRES ELLIE-43594-RED | 840003124682083 | | | | | | |
| RUANN CRES ELLIE-43767-RED | 840003124682256 | | | | | | |
| RUANN CRES LAIRD-43523-RED | 840003124682012 | | | | | | |
| RUANN CRES SKOKIE-35754-RED | 840003012220402 | C | | | | | |
| RUANN CRES SKOKIE-43272-RED | 840003013923335 | | | | | | 1 |
| RUANN CRES SKOKIE-43622-RED | 840003124682111 | | | | | | |
| RUANN CRES TUFFY-43221-RED | 840003013923284 | | | | | | 1 |
| RUANN CRESC BRISA-44176-RED | 840003124682665 | | | | | | 1 |
| RUANN CRI DELUX-51689-ET | 840003127267793 | | | | | | |
| RUANN CRISP ALAMEDA-35572 | 840003012220220 | | | | | | |
| RUANN CRISP ANN-36567 | 840003013920730 | | | | | | |
| RUANN CRISP BAMSTAR-36480 | 840003013920643 | | | | | | |
| RUANN CRISP BLANCA-35745 | 840003012220393 | | | | | | |
| RUANN CRISP COLANTHA-41616 | 840003013921679 | | | | | | |
| RUANN CRISP DORINDA-35834 | 840003012220482 | | | | | | |
| RUANN CRISP DORINDA-36562 | 840003013920725 | | | | | | |
| RUANN CRISP FOBES-35667 | 840003012220315 | | | | | | |
| RUANN CRISP FOBES-36542 | 840003013920705 | | | | | | |
| RUANN CRISP JEAN-35939 | 840003012220587 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN CRISP JESS-41588 | 840003013921651 | C | | | | | |
| RUANN CRISP KIDD-41533 | 840003013921596 | | | | | | |
| RUANN CRISP MERLA-3098-TW | 840003006994234 | | | | | | |
| RUANN CRISP MERLA-36401-TW | 840003013920564 | | | | | | |
| RUANN CRISP MOLLY-1307 | USA 69970406 | | | | | | |
| RUANN CRISP PHOEBE-35647 | 840003012220295 | | | | | | |
| RUANN CRISP SUGAR-35619 | 840003012220267 | | | | | | |
| RUANN CRISP SUGAR-35970 | 840003012220618 | | | | | | |
| RUANN CRISP TAMMY-41576 | 840003013921639 | | | | | | |
| RUANN CRISP WHIM-36039 | 840003013920202 | | | | | | |
| RUANN CRNKIT KIDDY-62111-ET | 840003133419891 | | | | | | 1 |
| RUANN CRO BAMSTAR-36202-ET | 840003013920365 | | | C | | | |
| RUANN CROW BAMSTAR-43261-ET | 840003013923324 | | | | | | |
| RUANN CROWN BECKY-51521-ET | 840003127267625 | | | C | | | |
| RUANN CROWN ECHO-33627-ET | 840003012218275 | | | | | | 1 |
| RUANN CROWN ECHO-54101-ET | 840003130273480 | | | | | | 1 |
| RUANN CROWN HOPE-55834-ET | 840003133418614 | | | | | | 1 |
| RUANN CROWN HOPE-55904-ET | 840003133418684 | | | | | | |
| RUANN CROWN TAUNA-35926-ET | 840003012220574 | | | | | | 1 |
| RUANN CRVET SANDY-44347-RED | 840003124682836 | | | | | | |
| RUANN CURRI BONNIE-61769-ET | 840003133419549 | | | | | | |
| RUANN CURRI SUGAR-56144-ET | 840003133418924 | | | | | | |
| RUANN CURRI SUGAR-56168-ET | 840003133418948 | | | | | | |
| RUANN CURRI SUGAR-56235-ET | 840003133419015 | | | | | | |
| RUANN CURRI SUGAR-56249-ET | 840003133419029 | | | | | | |
| RUANN CURRI TAUNA-54879-ET | 840003130274258 | | | | | | |
| RUANN CURRI TAUNA-54881-ET | 840003130274260 | | | | | | |
| RUANN CURRIC PEGGY-54624-ET | 840003130274003 | C | | | | | |
| RUANN CURRIC TAUNA-54820-ET | 840003130274199 | | | | | | |
| RUANN CURRIC TAUNA-54953-ET | 840003130274332 | | | | | | |
| RUANN CURRIC TAUNA-56374-ET | 840003133419154 | | | | | | |
| RUANN CUTT DIGIT-22737-RED | 840003009642389 | | | | | | |
| RUANN CUTT GRATEFUL-22800 | 840003009642452 | | | | | | |
| RUANN CUTTER ALMA-10864 | USA 69971313 | | | | | | |
| RUANN CUTTER BESSIE-20512 | 840003009754234 | | | | | | |
| RUANN CUTTER CHARITY-36383 | 840003013920546 | | | | | | |
| RUANN CUTTER DEMAND-35933 | 840003012220581 | | | | | | |
| RUANN CUTTER DORINDA-35701 | 840003012220349 | | | | | | |
| RUANN CUTTER MERLA-10505 | USA 69970954 | | | | | | |
| RUANN CUTTER TRIGGER-23663 | 840003010367260 | | | | | | |
| RUANN D BONNIE-13217-RED-ET | 840003008211341 | | | | | | |
| RUANN D BONNIE-43357-RED-ET | 840003013923420 | | | | | | |
| RUANN D BONNIE-43455-RED-ET | 840003013923518 | | | | | | |
| RUANN D BONNIE-43467-RED-ET | 840003013923530 | | | | | | |
| RUANN D CONSTANCE-93532-RED | 840003005124500 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN D DORINDA-41832-ET | 840003013921895 | | | | | | |
| RUANN DADDY ANNA-30261 | 840003011579549 | | C | | | | |
| RUANN DADDY MERLA-30158-ET | 840003011579446 | | C | | | | |
| RUANN DADDY MERLA-30165-ET | 840003011579453 | C | C | | | | |
| RUANN DADDY MERLA-30203-ET | 840003011579491 | | C | | | | |
| RUANN DADDY MERLA-32136-ET | 840003011523104 | | C | | | | |
| RUANN DADDY MERLA-32161-ET | 840003011523129 | | C | | | | |
| RUANN DADDY MERLA-32174-ET | 840003011523142 | | | | | | |
| RUANN DADDY MERLA-32179-ET | 840003011523147 | | | | | | |
| RUANN DADDY MERLA-32208-ET | 840003011523176 | | | | | | |
| RUANN DADDY MERLA-32214-ET | 840003011523182 | | C | | | | |
| RUANN DADDY MERLA-32220-ET | 840003011523188 | | C | | | | |
| RUANN DADDY MERLA-32224-ET | 840003011523192 | | C | | | | |
| RUANN DADDY MERLA-32358-ET | 840003011523326 | C | | | | | |
| RUANN DADDY MERLA-32365-ET | 840003011523333 | C | C | | | | |
| RUANN DADDY POSCH-30218-ET | 840003011579506 | | | | | | |
| RUANN DADDY POSCH-32419-ET | 840003011523387 | C | | | | | |
| RUANN DADDY POSCH-32431-ET | 840003011523399 | C | C | | | | |
| RUANN DAMIO SALLIE-85897-ET | USA 66610118 | | | | | | |
| RUANN DAMION JEAN-72643-ET | USA 64490139 | C | | | | | |
| RUANN DAMION JEAN-85695-ET | USA 66562153 | | | | | | |
| RUANN DAMION MAIDEN-70994 | USA 63614341 | | | C | | | |
| RUANN DAMION MELANIE-80312 | USA 65280429 | | | | | | |
| RUANN DAMION ROXY-63387-ET | USA 63251931 | | C | | | | |
| RUANN DAMION TAUNA-90084 | USA 66562268 | | | | | | 1 |
| RUANN DAN TRITOMIA-84001-ET | USA 66125385 | | | | | | |
| RUANN DAR DORINDA-45567 | 840003126824928 | | | | | | |
| RUANN DAR PANDORA-44876-RED | 840003124683365 | | | | | C | |
| RUANN DARK ANNA-50507 | USA 62119762 | | | | | | |
| RUANN DART ADDISON-45287 | 840003124683776 | | | | | C | |
| RUANN DART ADEL-45433 | 840003124683922 | | | | | C | |
| RUANN DART ALLEENE-45332 | 840003124683821 | | | | | C | |
| RUANN DART ANDREA-44657 | 840003124683146 | | | | | | |
| RUANN DART ANDREA-45022-RED | 840003124683511 | | | | | | |
| RUANN DART ANDREA-45885 | 840003126825246 | | | | | C | |
| RUANN DART ANDREA-46092 | 840003126825453 | | | | | | |
| RUANN DART ANISE-45055 | 840003124683544 | | | | | C | |
| RUANN DART ANN-44751 | 840003124683240 | | | | | C | |
| RUANN DART ANNALISE-45056 | 840003124683545 | | | | | | |
| RUANN DART ANNID-45064-RED | 840003124683553 | | | | | C | |
| RUANN DART BAMSTAR-45391 | 840003124683880 | | | | | | |
| RUANN DART BECKY-45325 | 840003124683814 | | | | | | |
| RUANN DART BECKY-45447 | 840003124683936 | | | | | | |
| RUANN DART BERGEN-45252 | 840003124683741 | | | | | | |
| RUANN DART BERTA-45204 | 840003124683693 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DART BESSY-45258 | 840003124683747 | | | | | | |
| RUANN DART BETHANA-45263 | 840003124683752 | | | C | | | |
| RUANN DART BONNIE-45313 | 840003124683802 | | | | | C | |
| RUANN DART CINCIN-44690-RED | 840003124683179 | | | | | | |
| RUANN DART CINDY-45952 | 840003126825313 | | | | | | |
| RUANN DART CONDUCTOR-45078 | 840003124683567 | | | | | | |
| RUANN DART CONSTANCE-45423 | 840003124683912 | | | | | | |
| RUANN DART CORETTA-45152 | 840003124683641 | | | | | | |
| RUANN DART CORRY-45013 | 840003124683502 | | | | | C | |
| RUANN DART CORRY-51829 | 840003127267933 | | | | | | |
| RUANN DART DELUX-46119 | 840003126825480 | | | | | | |
| RUANN DART DELUX-52571 | 840003127268675 | | | | | | |
| RUANN DART DEMAND-44636 | 840003124683125 | | | | | | |
| RUANN DART DEMAND-46301 | 840003126825662 | | | | | | |
| RUANN DART DESIGN-45673 | 840003126825034 | | | | | | |
| RUANN DART DORINDA-44561 | 840003124683050 | | | | | | |
| RUANN DART DORINDA-45441 | 840003124683930 | | | | | | |
| RUANN DART DORINDA-52505 | 840003127268609 | | | | | | |
| RUANN DART ECHO-44387 | 840003124682876 | | | | | C | |
| RUANN DART ECHO-44491-TW | 840003124682980 | | | | | | |
| RUANN DART ECHO-44492-TW | 840003124682981 | C | | | | | |
| RUANN DART ECHO-44989 | 840003124683478 | | | | | | |
| RUANN DART ECHO-45757 | 840003126825118 | | | | | | |
| RUANN DART ECHO-45978 | 840003126825339 | | | | | C | |
| RUANN DART ECHO-46037 | 840003126825398 | | | | | | |
| RUANN DART ELLIE-45520 | 840003126824881 | | | | | | |
| RUANN DART FANCY-52121 | 840003127268225 | | | | | C | |
| RUANN DART GLORY-44536 | 840003124683025 | | | | | | |
| RUANN DART GLORY-52096 | 840003127268200 | | | | | | |
| RUANN DART GOLDY-52463 | 840003127268567 | | | | | | |
| RUANN DART GRACIOUS-45438 | 840003124683927 | | | | | | |
| RUANN DART HANDMAID-44592 | 840003124683081 | | | C | | | |
| RUANN DART JEAN-53313 | 840003127269417 | | | | | | |
| RUANN DART JEANETTA-45811 | 840003126825172 | | | | | | |
| RUANN DART KALISKA-45057 | 840003124683546 | | | | | C | |
| RUANN DART KIDD-45746 | 840003126825107 | | | | | C | |
| RUANN DART KINDRA-45118 | 840003124683607 | | | | | | |
| RUANN DART KINGPIN-45218 | 840003124683707 | | | | | | |
| RUANN DART KRISTA-52911 | 840003127269015 | | | | | | |
| RUANN DART KRISTA-53532 | 840003130272911 | | | | | | |
| RUANN DART LANELLE-44497 | 840003124682986 | | | | | | |
| RUANN DART LANELLE-45234 | 840003124683723 | | | C | | | |
| RUANN DART LOLA-45426 | 840003124683915 | | | | | C | |
| RUANN DART LUCY-44704 | 840003124683193 | | | | | | |
| RUANN DART LUCY-46018 | 840003126825379 | C | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DART MAIDEN-45248 | 840003124683737 | | | | | C | |
| RUANN DART MANDYSUE-45239 | 840003124683728 | | | | | | |
| RUANN DART MARINA-45121-RED | 840003124683610 | | | | | C | |
| RUANN DART MAYA-44878 | 840003124683367 | | | | | | |
| RUANN DART MELANIE-46293 | 840003126825654 | | | | | C | |
| RUANN DART MERLA-44040 | 840003124683429 | C | | | | | |
| RUANN DART MERLA-44724 | 840003124683213 | | | | | C | |
| RUANN DART MERLA-44961 | 840003124683450 | | | | | C | |
| RUANN DART MERLA-45028 | 840003124683517 | | | | | | |
| RUANN DART MERLA-45132 | 840003124683621 | | | | | | |
| RUANN DART MERLA-45306 | 840003124683795 | | | | | | |
| RUANN DART MERLA-45338 | 840003124683827 | | | | | C | |
| RUANN DART MONICA-44762 | 840003124683251 | | | | | C | |
| RUANN DART NETTIE-45189 | 840003124683678 | C | | | | | |
| RUANN DART NETTIE-45200 | 840003124683689 | | | | | | |
| RUANN DART NETTIE-45268 | 840003124683757 | | | | | | |
| RUANN DART NORAIN-45208 | 840003124683697 | | | | | | |
| RUANN DART NORAIN-51746 | 840003127267850 | | | | | C | |
| RUANN DART ORCHID-45839 | 840003126825200 | | | | | | |
| RUANN DART PAIGE-53420 | 840003127269524 | | | | | C | |
| RUANN DART PAM-45307 | 840003124683796 | C | | | | C | |
| RUANN DART PATIENCE-46088 | 840003126825449 | C | | | | | |
| RUANN DART PAULA-45780 | 840003126825141 | | | | | C | |
| RUANN DART PAULA-46103 | 840003126825464 | | | | | C | |
| RUANN DART PHYLLIS-52152 | 840003127268256 | | | | | | |
| RUANN DART RASIN-53365 | 840003127269469 | | | | | | |
| RUANN DART RENA-53279 | 840003127269383 | | | | | | |
| RUANN DART ROSALYN-45611 | 840003126824972 | | | | | C | |
| RUANN DART SACHSE-52314 | 840003127268418 | | | | | C | |
| RUANN DART SILVA-45345 | 840003124683834 | | | | | | |
| RUANN DART SKOKIE-53596 | 840003130272975 | | | | | C | |
| RUANN DART SUCCESS-44407 | 840003124682896 | | | | | C | |
| RUANN DART SWEET-45551-RED | 840003126824912 | C | | | | C | |
| RUANN DART TAUNA-44693 | 840003124683182 | | | | | | |
| RUANN DART TAUNA-44695-TW | 840003124683184 | | | | | | |
| RUANN DART TAUNA-44768 | 840003124683257 | | | | | | |
| RUANN DART TAUNA-45044 | 840003124683533 | | | | | | |
| RUANN DART TAUNA-45608 | 840003126824969 | | | | | | 3 |
| RUANN DART TONI-44914 | 840003124683403 | | | | | | |
| RUANN DART TUFFEE-44904 | 840003124683393 | | | C | | C | |
| RUANN DART VODKA-45160 | 840003124683649 | | | | | | |
| RUANN DART ZESTA-45349 | 840003124683838 | | | | | C | |
| RUANN DECISIO PAULYNE-91549 | 840003005122517 | | | | | | |
| RUANN DECISIO SATURN-83169 | USA 65914746 | | | | | | |
| RUANN DECISION BARB-91544 | 840003005122512 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DECISION ELLIE-80178 | USA 65280295 | | | | | | |
| RUANN DECISION JOY-85212 | USA 66462880 | | | | | | |
| RUANN DECISION MAGIC-85299 | USA 66462949 | | | | | | |
| RUANN DECISION MOLLY-91550 | 840003005122518 | | | | | | |
| RUANN DECISION PAIGE-85979 | USA 66833581 | | | | | | |
| RUANN DECISION PAM-81139 | USA 65281256 | | | | | | |
| RUANN DECISION ROSIE-85291 | USA 66462943 | | | | | | |
| RUANN DECISION SADIE-91907 | 840003005122875 | | | | | | |
| RUANN DECISION TAUNA-85762 | USA 66610015 | | | | | | |
| RUANN DECISION TUFFEE-91874 | 840003005122842 | | | | | | |
| RUANN DECISION ZASLEN-91558 | 840003005122526 | | | | | | |
| RUANN DECISION-91753 | 840003005122541 | | | | | | |
| RUANN DELORES-10055-RED-TW | USA 69970504 | | | | | | 1 |
| RUANN DELORES-10056-RED-TW | USA 69970505 | | | | | | |
| RUANN DEMO FOBES-55056 | USA 62732965 | | | | | | |
| RUANN DEMP MELANIE-22718 | 840003009642370 | | | | | | 1 |
| RUANN DEN TRINKET-55614-ET | 840003133418394 | | | | | | |
| RUANN DEN TRINKET-55617-ET | 840003133418397 | | | | | | |
| RUANN DEN TRINKET-55640-ET | 840003133418420 | | | | | | |
| RUANN DEN TRINKET-55989-ET | 840003133418769 | | | | | | |
| RUANN DEN TRINKET-56248-ET | 840003133419028 | | | | | | |
| RUANN DENV BROOKE-62185-ET | 840003133419965 | | | | | | |
| RUANN DENV TRINKET-51216-ET | 840003127759970 | | | | | | 1 |
| RUANN DENV TRINKET-56302-ET | 840003133419082 | | | | | | |
| RUANN DENV TRINKET-62217-ET | 840003133419997 | | | | | | |
| RUANN DENVE NORAIN-56189-ET | 840003133418969 | | | | | | |
| RUANN DENVER ECHO-61895-ET | 840003133419675 | | | | | | |
| RUANN DENVER MERLA-55960-ET | 840003133418740 | | | | | | |
| RUANN DENVER MERLA-61830-ET | 840003133419610 | | | | | | |
| RUANN DENVER MERLA-61850-ET | 840003133419630 | | | | | | |
| RUANN DENVER POSCH-51087-ET | 840003127759841 | | | | | | |
| RUANN DENVER POSCH-51091-ET | 840003127759845 | | | | | | |
| RUANN DENVER POSCH-55501-ET | 840003133418281 | | | | | | |
| RUANN DENVER POSCH-55564-ET | 840003133418344 | | | | | | |
| RUANN DENVER POSCH-55575-ET | 840003133418355 | | | | | | |
| RUANN DENVER POSCH-55734-ET | 840003133418514 | | | | | | |
| RUANN DENVER POSCH-55735-ET | 840003133418515 | | | | | | |
| RUANN DENVER POSCH-55737-ET | 840003133418517 | | | | | | |
| RUANN DENVER POSCH-55757-ET | 840003133418537 | | | | | | |
| RUANN DENVER POSCH-55788-ET | 840003133418568 | C | | | | | |
| RUANN DENVER SALLY-51166-ET | 840003127759920 | | | | | | |
| RUANN DENVER SALLY-62147-ET | 840003133419927 | | | | | | |
| RUANN DENVER SALLY-62243-ET | 840003133420023 | | | | | | |
| RUANN DES BONNIE-13267-ET | 840003008211391 | | | | | | |
| RUANN DESIGN SCARLET-35161 | 840003012219809 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DESIGNER JESSE-36278 | 840003013920441 | | | | | | |
| RUANN DESIGNER MERLA-36522 | 840003013920685 | | | | | | |
| RUANN DEY TRINKET-52023-ET | 840003127268127 | | | | | | |
| RUANN DEY TRINKET-52036-ET | 840003127268140 | | | | | | |
| RUANN DEYJ TRINKET-52042-ET | 840003127268146 | | | C | | | |
| RUANN DEYJ TRINKET-52048-ET | 840003127268152 | | | C | | | |
| RUANN DEYJA ECHO-53477-ET | 840003127269581 | | | | | | |
| RUANN DEYJA POSCH-53902 | 840003130273281 | | | | | | |
| RUANN DI CONQUEST-93896-RED | 840003005124864 | | | | | | 1 |
| RUANN DI DORINDA-93317-RED | 840003005124285 | | | | | | |
| RUANN DIAMOND ROSIE-54212 | USA 62608703 | | | | | | |
| RUANN DIG DORINDA-91833-RED | 840003005122801 | | | | | | |
| RUANN DIG METROYA-93074-RED | 840003005124042 | | | | | | 3 |
| RUANN DIGIT ANNA-92765 | 840003005123733 | | | | | | |
| RUANN DIGIT BUXOM-92481-RED | 840003005123449 | | | | | | 1 |
| RUANN DIGIT DELUX-93042 | 840003005124010 | | | | | | |
| RUANN DIGIT GLORY-93182 | 840003005124150 | | | | | | 1 |
| RUANN DIGIT GLOSS-93009 | 840003005123977 | | | | | | 1 |
| RUANN DIGIT MARINA-93636 | 840003005124604 | | | | | | |
| RUANN DIGIT SNO-91727-RED | 840003005122695 | | | | | | 1 |
| RUANN DIGIT VALA-94048 | 840003005125016 | | | C | | | 1 |
| RUANN DIGIT VALID-93392 | 840003005124360 | | | | | | 1 |
| RUANN DIVI CONSTANCE-42380 | 840003013922443 | | | | | | |
| RUANN DIVIN ANDREA-42166-TW | 840003013922229 | | | | | | |
| RUANN DIVIN ANDREA-42167-TW | 840003013922230 | | | | | C | |
| RUANN DIVIN CONSTANCE-42507 | 840003013922570 | | | | | | |
| RUANN DIVIN CONSTANCE-42813 | 840003013922876 | | | | | | |
| RUANN DIVINE ANDREA-35238 | 840003012219886 | | | | | | |
| RUANN DIVINE ANDREA-35333 | 840003012219981 | | | | | | |
| RUANN DIVINE ANDREA-35988 | 840003012220636 | | | | | | |
| RUANN DIVINE ANGELINA-35717 | 840003012220365 | | | | | | |
| RUANN DIVINE ANGELINA-42286 | 840003013922349 | | | | | | |
| RUANN DIVINE ANN-35967 | 840003012220615 | | | | | | |
| RUANN DIVINE ANN-43015 | 840003013923078 | | | | | | |
| RUANN DIVINE APRIL-41686 | 840003013921749 | | | | | | |
| RUANN DIVINE BAMSTAR-35117 | 840003012219765 | | | | | | |
| RUANN DIVINE BAMSTAR-35352 | 840003012220000 | | | | | | |
| RUANN DIVINE BAMSTAR-35846 | 840003012220494 | | | | | | |
| RUANN DIVINE BEATRICE-42626 | 840003013922689 | | | | | | |
| RUANN DIVINE BESSIE-35233 | 840003012219881 | | | | | | |
| RUANN DIVINE BRIDGET-35462 | 840003012220110 | | | | | | |
| RUANN DIVINE CADENCE-35791 | 840003012220439 | | | | | | |
| RUANN DIVINE CAROL-41729 | 840003013921792 | | | | | | |
| RUANN DIVINE DELUX-41667 | 840003013921730 | | | | | | |
| RUANN DIVINE DORINDA-36505 | 840003013920668 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DIVINE DORINDA-41600 | 840003013921663 | | | | | | |
| RUANN DIVINE ECHO-42159 | 840003013922222 | | | | | | |
| RUANN DIVINE ELLIE-36476 | 840003013920639 | | | | | | |
| RUANN DIVINE GINGER-36417 | 840003013920580 | | | | | | |
| RUANN DIVINE GLORY-35115 | 840003012219763 | | | | | | |
| RUANN DIVINE GLORY-35179 | 840003012219827 | | | | | | |
| RUANN DIVINE GRACIOUS-35157 | 840003012219805 | | | | | | |
| RUANN DIVINE GRATEFUL-42152 | 840003013922215 | | | | | | 1 |
| RUANN DIVINE HOPE-42207 | 840003013922270 | | | | | | |
| RUANN DIVINE JAMARI-35643 | 840003012220291 | | | | | | |
| RUANN DIVINE JANELL-41775 | 840003013921838 | | | | | | |
| RUANN DIVINE JEAN-41687 | 840003013921750 | | | | | | |
| RUANN DIVINE JEAN-42546 | 840003013922609 | | | | | | |
| RUANN DIVINE JOY-35864 | 840003012220512 | | | | | | |
| RUANN DIVINE KIDD-36023 | 840003013920186 | | | | | | |
| RUANN DIVINE KIT-36044 | 840003013920207 | | | | | | |
| RUANN DIVINE KRISTA-41629 | 840003013921692 | | | | | | |
| RUANN DIVINE MELANIE-42244 | 840003013922307 | | | | | | |
| RUANN DIVINE MERLA-35788 | 840003012220436 | | | | | | |
| RUANN DIVINE MERLA-42605 | 840003013922668 | | | | | | |
| RUANN DIVINE MERLA-42883 | 840003013922946 | | | | | | |
| RUANN DIVINE PAIGE-35599 | 840003012220247 | | | | | | |
| RUANN DIVINE PAM-35329 | 840003012219977 | | | | | | |
| RUANN DIVINE PEPSI-41624 | 840003013921687 | | | | | | |
| RUANN DIVINE PHYLLIS-42548 | 840003013922611 | | | | | | |
| RUANN DIVINE RAINA-35919 | 840003012220567 | | | | | | |
| RUANN DIVINE ROSIE-35813 | 840003012220461 | | | | | | |
| RUANN DIVINE ROXY-42996 | 840003013923059 | | C | | | | |
| RUANN DIVINE SCOTIA-35534 | 840003012220182 | | | | | | |
| RUANN DIVINE SUE-41963 | 840003013922026 | | | | | | |
| RUANN DIVINE SUGAR-35928-TW | 840003012220576 | | | C | | | |
| RUANN DIVINE SUGAR-35929-TW | 840003012220577 | | | | | | |
| RUANN DIVINE SWEET-42810 | 840003013922873 | | | | | | |
| RUANN DIVINE TAMMY-35580 | 840003012220228 | | | | | | |
| RUANN DIVINE TAUNA-35768 | 840003012220416 | | | | | | |
| RUANN DIVINE TRITOMIA-35626 | 840003012220274 | | | | | | |
| RUANN DIVINE UTOPIA-36000 | 840003012220648 | | | | | | |
| RUANN DIVINE VALA-35552 | 840003012220200 | | | | | | |
| RUANN DOLMAN BECKY-92111-ET | 840003005123079 | | | | | | |
| RUANN DOLMAN BECKY-92122-ET | 840003005123090 | | | | | | |
| RUANN DOLMAN BESS-81234-ET | USA 65281351 | | | | | | |
| RUANN DOLMAN BESS-81243-ET | USA 65281360 | | | | | | |
| RUANN DOLMAN BESS-85927-ET | USA 66833546 | | | | | | |
| RUANN DOLMAN JOAN-42913-ET | 840003013922976 | | | | | | |
| RUANN DOLMAN JOAN-42944-ET | 840003013923007 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DOLMAN LOLA-75560-ET | USA 65390980 | | | | | | |
| RUANN DOLMAN LOLA-75561-ET | USA 65390981 | | | | | | |
| RUANN DOLMAN PAM-43427-ET | 840003013923490 | | | | | | |
| RUANN DOM ALLI-42198-ET | 840003013922261 | | | | | | |
| RUANN DOM ALLI-42258-ET | 840003013922321 | | | | | | |
| RUANN DOM ALMA-36561-ET | 840003013920724 | | | | | | |
| RUANN DOM ALMA-36564-ET | 840003013920727 | | | | | | |
| RUANN DOM ALMA-41523-ET | 840003013921586 | | | | | | |
| RUANN DOM ALMA-41535-ET | 840003013921598 | | | | | | |
| RUANN DOM ALMA-41538-ET | 840003013921601 | | | | | | |
| RUANN DOM ALMA-41551-ET | 840003013921614 | | | | | | |
| RUANN DOM ALMA-41638-ET | 840003013921701 | | | | | | |
| RUANN DOM ALMA-41641-ET | 840003013921704 | | | | | | |
| RUANN DOM ALMA-41678-ET | 840003013921741 | | | | | | |
| RUANN DOM ANDREA-43880-ET | 840003124682369 | | | | | | |
| RUANN DOM ANDREA-43885-ET | 840003124682374 | | | | | | |
| RUANN DOM ANN-46111-ET | 840003126825472 | | | | | | |
| RUANN DOM ANN-51902-ET | 840003127268006 | | | | | | |
| RUANN DOM ANN-51922-ET | 840003127268026 | | | | | | |
| RUANN DOM ANNA-30933 | 840003011580221 | | | | | | |
| RUANN DOM COMET-36130-ET | 840003013920293 | | | | | | |
| RUANN DOM COMET-36221-ET | 840003013920384 | | | | | | |
| RUANN DOM DORINDA-36003-ET | 840003013920166 | | | | | | |
| RUANN DOM DORINDA-41657-ET | 840003013921720 | C | | | | | |
| RUANN DOM DORINDA-41662-ET | 840003013921725 | C | | | | | |
| RUANN DOM DORINDA-41704-ET | 840003013921767 | C | | | | | |
| RUANN DOM DORINDA-41757-ET | 840003013921820 | C | | | | | |
| RUANN DOM DORINDA-41788-ET | 840003013921851 | | | | | | |
| RUANN DOM DORINDA-43883-ET | 840003124682372 | | | | | | |
| RUANN DOM DORINDA-45233-ET | 840003124683722 | | | | | | |
| RUANN DOM DORINDA-53807-ET | 840003130273186 | | | | | | |
| RUANN DOM ECHO-30370 | 840003011579658 | | | | | | |
| RUANN DOM ECHO-40457 | 840003014226594 | | | | | | |
| RUANN DOM ECHO-43805-ET | 840003124682294 | | | | | | |
| RUANN DOM ECHO-43848-ET | 840003124682337 | | | | | | |
| RUANN DOM ECHO-43992-ET | 840003124682481 | | | | | | |
| RUANN DOM ECHO-44202-ET | 840003124682691 | | | | | | |
| RUANN DOM ECHO-53885-ET | 840003130273264 | | | | | | |
| RUANN DOM ECHO-53901-ET | 840003130273280 | | | | | | |
| RUANN DOM ECHO-53940-ET | 840003130273319 | | | | | | |
| RUANN DOM GLORY-35831-ET | 840003012220479 | | | | | | |
| RUANN DOM GLORY-35860-ET | 840003012220508 | | | | | | |
| RUANN DOM GLORY-35875-ET | 840003012220523 | | | | | | |
| RUANN DOM GLORY-35876-ET | 840003012220524 | | | | | | |
| RUANN DOM GLORY-44429-ET | 840003124682918 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DOM GLORY-45629-ET | 840003126824990 | | | | | | |
| RUANN DOM GLORY-45681-ET | 840003126825042 | | | | | | |
| RUANN DOM GLORY-45716-ET | 840003126825077 | | | | | | |
| RUANN DOM GLORY-45808-ET | 840003126825169 | | | | | | |
| RUANN DOM GLORY-51525-ET | 840003127267629 | | | | | | |
| RUANN DOM GLORY-51609-ET | 840003127267713 | | | | | | |
| RUANN DOM IRISH-44399-ET | 840003124682888 | | | | | | |
| RUANN DOM JESSE-30999 | 840003011580287 | | | | | C | |
| RUANN DOM JESSE-43421-ET | 840003013923484 | | | | | | |
| RUANN DOM JESSE-43496-ET | 840003013923559 | | | | | | |
| RUANN DOM KIDD-46084-ET | 840003126825445 | | | | | | |
| RUANN DOM MELANIE-53405-ET | 840003127269509 | | | | | | |
| RUANN DOM MELANIE-53419-ET | 840003127269523 | | | | | | |
| RUANN DOM MELANIE-53494-ET | 840003127269598 | | | | | | |
| RUANN DOM MERLA-36259-ET | 840003013920422 | C | | | | | |
| RUANN DOM MERLA-41841-ET | 840003013921904 | | | | | | |
| RUANN DOM MERLA-42291-ET | 840003013922354 | | | | | | |
| RUANN DOM NORAIN-30721 | 840003011580009 | | | | | | |
| RUANN DOM PAULYNE-41813-ET | 840003013921876 | | | | | | |
| RUANN DOM TRINKET-44435-ET | 840003124682924 | | | | | | |
| RUANN DOM TRINKET-44467-ET | 840003124682956 | | | | | | 1 |
| RUANN DOMAIN ANNA-14807 | 840003009222544 | | | | | | |
| RUANN DOMAIN BESSY-10886 | USA 69971335 | | | | | | |
| RUANN DOMAIN BESSY-13788-ET | 840003009221525 | | | | | | |
| RUANN DOMAIN CORRY-10446 | USA 69970895 | | | | | | |
| RUANN DOMAIN MAIDEN-10716 | USA 69971165 | | | | | | |
| RUANN DOMAIN MERLA-10397-ET | USA 69970846 | | | | | | |
| RUANN DOMAIN MERLA-10447-ET | USA 69970896 | | | | | | |
| RUANN DOMAIN MERLA-13308-ET | 840003008211432 | C | | | | | |
| RUANN DOMAIN MERLA-13424-ET | 840003008211548 | | | | | | |
| RUANN DOMAIN MERLA-13459-ET | 840003008211583 | | | | | | |
| RUANN DOMAIN MERLA-13470-ET | 840003008211594 | | | | | | |
| RUANN DOMAIN MERLA-13772-ET | 840003009221509 | | | | | | |
| RUANN DOMAIN MERLA-13798-ET | 840003009221535 | | | | | | |
| RUANN DOMAIN MERLA-13898-ET | 840003009221635 | | | | | | |
| RUANN DOMAIN MERLA-14523-ET | 840003009222260 | | | | | | |
| RUANN DOMAIN MERLA-15599-ET | 840003009481621 | C | | | | | |
| RUANN DOMAIN MERLA-15625-ET | 840003009481647 | C | | | | | |
| RUANN DOMAIN MERLA-15642-ET | 840003009481664 | C | | | | | |
| RUANN DOMAIN PHOEBE-10421 | USA 69970870 | | | | | | |
| RUANN DOMAIN POSCH-13941-ET | 840003009221678 | | | | | | |
| RUANN DOMAIN POSCH-13978-ET | 840003009221715 | | | | | | |
| RUANN DOMAIN POSCH-13987-ET | 840003009221724 | | | | | | |
| RUANN DOMAIN POSCH-14027-ET | 840003009221764 | | | | | | |
| RUANN DOMAIN TAUNA-10381 | USA 69970830 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DOMAIN TAUNA-13262-ET | 840003008211386 | | | | | | |
| RUANN DOMAIN TAUNA-13290-ET | 840003008211414 | | | C | | | |
| RUANN DOMAIN TAUNA-13292-ET | 840003008211416 | | | | | | |
| RUANN DOMAIN TAUNA-23104-ET | 840003009642756 | | | C | | | |
| RUANN DOMAIN TAUNA-23108-ET | 840003009642760 | | | | | | |
| RUANN DOMAIN TRINKET-11224 | USA 69971673 | | | | | | |
| RUANN DONNY POSCH-20178 | USA 60791065 | | | | | | |
| RUANN DOOR BONNIE-55149-ET | 840003130274528 | | | | | | |
| RUANN DOOR GLORY-54990-ET | 840003130274369 | | | | | | |
| RUANN DOOR KIDDY-55791-ET | 840003133418571 | | | | | C | |
| RUANN DOOR KIDDY-55836-ET | 840003133418616 | | | | | C | |
| RUANN DOOR KIDDY-55844-ET | 840003133418624 | | | | | C | 1 |
| RUANN DOOR KRISTA-54319-ET | 840003130273698 | | | | | | |
| RUANN DOOR KRISTA-54399-ET | 840003130273778 | | | | | C | |
| RUANN DOOR KRISTA-54839-ET | 840003130274218 | | | | | | |
| RUANN DOOR VODKA-54829-ET | 840003130274208 | C | | C | | | |
| RUANN DOORMA KIDDY-55772-ET | 840003133418552 | | | | | | 1 |
| RUANN DOORMAN JEAN-54411-ET | 840003130273790 | | | | | | |
| RUANN DOORMAN JEAN-54465-ET | 840003130273844 | | | | | C | |
| RUANN DOORMAN JEAN-54698-ET | 840003130274077 | | | | | C | |
| RUANN DOORMAN JEAN-54712-ET | 840003130274091 | | | | | C | |
| RUANN DOORMAN JEAN-55067-ET | 840003130274446 | | | | | C | |
| RUANN DOORMAN JEAN-55135-ET | 840003130274514 | | | | | | |
| RUANN DOORMAN JEAN-55152-ET | 840003130274531 | | | | | | |
| RUANN DOORMAN JEAN-55162-ET | 840003130274541 | | | | | C | |
| RUANN DOORMAN JEAN-55244-ET | 840003130274623 | | | | | C | |
| RUANN DOORS JEAN-62145-ET | 840003133419925 | | | | | | |
| RUANN DOORS JESSE-62169-ET | 840003133419949 | C | | | | C | |
| RUANN DOORS JESSE-62214-ET | 840003133419994 | C | | | | C | |
| RUANN DOORS TAUNA-62163-ET | 840003133419943 | C | | | | | |
| RUANN DOR DORINDA-44965-ET | 840003124683454 | | | | | | |
| RUANN DOR DORINDA-53722-ET | 840003130273101 | | | | | | |
| RUANN DORCY ALMA-56012-ET | 840003133418792 | | | | | | |
| RUANN DORCY ALMA-61982-ET | 840003133419762 | | | | | | |
| RUANN DORCY ALMA-61990-ET | 840003133419770 | | | | | | |
| RUANN DORCY ALMA-62105-ET | 840003133419885 | | | | | | |
| RUANN DORCY DREAM-51507-ET | 840003127267611 | C | | | | | |
| RUANN DORCY DREAM-51603-ET | 840003127267707 | C | | | | | 1 |
| RUANN DORCY ECHO-52637-ET | 840003127268741 | | | | | | |
| RUANN DORCY ELA-41155 | 840003014227292 | C | | | | | |
| RUANN DORCY ELLIE-40318 | 840003014226455 | | | | | | |
| RUANN DORCY ELLIE-45678-ET | 840003126825039 | | | | | | |
| RUANN DORCY ELLIE-45688-ET | 840003126825049 | | | | | | |
| RUANN DORCY ELLIE-45754-ET | 840003126825115 | | | | | | |
| RUANN DORCY ELLIE-52055-ET | 840003127268159 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DORCY IRISH-43686 | 840003124682175 | | | | | | |
| RUANN DORCY JESSE-45606-ET | 840003126824967 | | | | | | |
| RUANN DORCY JESSE-45607-ET | 840003126824968 | | | | | | |
| RUANN DORCY JESSE-45634-ET | 840003126824995 | | | | | | |
| RUANN DORCY LOLA-42493-ET | 840003013922556 | | | | | | |
| RUANN DORCY LOLA-42579-ET | 840003013922642 | | | | | | |
| RUANN DORCY LOLA-44653-ET | 840003124683142 | | | | | | |
| RUANN DORCY LOLA-44675-ET | 840003124683164 | | | | | | |
| RUANN DORCY LOLA-51503-ET | 840003127267607 | | | | | | |
| RUANN DORCY MERLA-52838-ET | 840003127268942 | | | | | | |
| RUANN DORINDA-12111-RED-ET | 840003008210235 | | | | | | |
| RUANN DORINDA-31024-RED | 840003011580312 | | | | | | |
| RUANN DORINDA-31964-ET | 840003011522932 | | | | | | 1 |
| RUANN DORINDA-32713-RED-ET | 840003011523681 | | | | | | 1 |
| RUANN DORINDA-33387-RED-ET | 840003011524355 | | | | | | |
| RUANN DORINDA-36351-RED-ET | 840003013920514 | | | | | | |
| RUANN DORINDA-40795-TW | USA 61991480 | | | | | | |
| RUANN DORINDA-41793-RED-ET | 840003013921856 | | | | | | |
| RUANN DORINDA-42975-RED-ET | 840003013923038 | | | | | | |
| RUANN DORINDA-43227-RED-ET | 840003013923290 | | C | | | | 1 |
| RUANN DORINDA-43276-RED-ET | 840003013923339 | | C | | | | 1 |
| RUANN DORINDA-43514-RED-ET | 840003124682003 | | | | | | |
| RUANN DORINDA-43563-RED-ET | 840003124682052 | | | | | | |
| RUANN DORINDA-43592-RED-ET | 840003124682081 | | C | | | | 1 |
| RUANN DORINDA-43659-RED-ET | 840003124682148 | | | | | | 1 |
| RUANN DORINDA-44451-RED-ET | 840003124682940 | | | | | | |
| RUANN DORINDA-44528-RED-ET | 840003124683017 | | | | | | |
| RUANN DORINDA-44556-RED-ET | 840003124683045 | | | | | | |
| RUANN DORINDA-44589-RED | 840003124683078 | | | | | | |
| RUANN DORINDA-44777-RED-ET | 840003124683266 | | | | | | |
| RUANN DORINDA-44887-RED-ET | 840003124683376 | | | | | | |
| RUANN DORINDA-44963-RED-ET | 840003124683452 | | | | | | |
| RUANN DORINDA-44971-ET | 840003124683460 | | | | | | |
| RUANN DORINDA-45275-RED-ET | 840003124683764 | | | | | | |
| RUANN DORINDA-46346-RED-ET | 840003126825707 | | | | | | |
| RUANN DORINDA-46381-RED-ET | 840003126825742 | | | | | | |
| RUANN DORINDA-51050-RED-ET | 840003127759804 | | | | | | 1 |
| RUANN DORINDA-51545-RED-ET | 840003127267649 | | C | | | | 1 |
| RUANN DORINDA-51587-RED-ET | 840003127267691 | | | | | | 1 |
| RUANN DORINDA-52387-RED-ET | 840003127268491 | | | | | | |
| RUANN DORINDA-52404-RED-ET | 840003127268508 | | | | | | |
| RUANN DORINDA-52447-RED-ET | 840003127268551 | | | | | | |
| RUANN DORINDA-52467-RED-ET | 840003127268571 | | | | | | 1 |
| RUANN DORINDA-52610-RED-ET | 840003127268714 | | | | | | 1 |
| RUANN DORINDA-52758-RED-ET | 840003127268862 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DORINDA-53058-RED-ET | 840003127269162 | | | | | | |
| RUANN DORINDA-53097-RED-ET | 840003127269201 | | | | | | |
| RUANN DORINDA-53113-RED-ET | 840003127269217 | | | | | | |
| RUANN DORINDA-53155-RED-ET | 840003127269259 | | | | | | 1 |
| RUANN DORINDA-53175-RED-ET | 840003127269279 | | | | | | |
| RUANN DORINDA-53226-RED-ET | 840003127269330 | | | | | | |
| RUANN DORINDA-53366-ET | 840003127269470 | | | | | | |
| RUANN DORINDA-53428-ET | 840003127269532 | | | | | | |
| RUANN DORINDA-53812-RED-ET | 840003130273191 | | | | | | |
| RUANN DORINDA-53841-RED-ET | 840003130273220 | | | | | | |
| RUANN DORINDA-53976-RED-ET | 840003130273355 | | | | | | |
| RUANN DORINDA-53988-RED-ET | 840003130273367 | | | | | | |
| RUANN DORINDA-54496-RED-ET | 840003130273875 | | | | | | 1 |
| RUANN DORINDA-54507-RED-ET | 840003130273886 | | | | | | 1 |
| RUANN DORINDA-54540-RED-ET | 840003130273919 | | | | | | |
| RUANN DORINDA-54562-RED-ET | 840003130273941 | | | | | | |
| RUANN DORINDA-54763-RED-ET | 840003130274142 | | | | | | |
| RUANN DORINDA-54804-RED-ET | 840003130274183 | | | | | | |
| RUANN DORINDA-54960-RED-ET | 840003130274339 | | | | | | |
| RUANN DORINDA-55055-RED-ET | 840003130274434 | | | | | | |
| RUANN DORINDA-55454-RED-ET | 840003130274833 | | | | | | 1 |
| RUANN DORINDA-55586-RED-ET | 840003133418366 | | | | | | 1 |
| RUANN DORINDA-55722-RED-ET | USA 62879895 | | | | | | |
| RUANN DORINDA-56262-RED-ET | 840003133419042 | | | | | | |
| RUANN DORINDA-56264-RED-ET | 840003133419044 | | | | | | |
| RUANN DORINDA-62847-RED-ET | USA 63136744 | | | | | | |
| RUANN DORINDA-74258-RED-ET | USA 64883901 | | | | | | |
| RUANN DORINDA-90273-RED | USA 66562457 | | | | | | |
| RUANN DORSOPN JEAN-62137-ET | 840003133419917 | | | | | | |
| RUANN DR CONSTANCE-53372-ET | 840003127269476 | | | | | | |
| RUANN DR CONSTANCE-53811-ET | 840003130273190 | | | | | | |
| RUANN DR MAPLE-52797-RED-ET | 840003127268901 | | | | | | |
| RUANN DRAKE AMA-50666 | 840003127759420 | C | | | | | |
| RUANN DRAKE ANN-52310 | 840003127268414 | C | | | | | |
| RUANN DRAKE ANN-52358 | 840003127268462 | | | | | | |
| RUANN DRAKE ANNABELLA-53476 | 840003127269580 | | | | | | |
| RUANN DRAKE BAMSTAR-52350 | 840003127268454 | | | | | | |
| RUANN DRAKE BONNIE-52740-TW | 840003127268844 | | | | | | |
| RUANN DRAKE BONNIE-52741-TW | 840003127268845 | C | | | | | |
| RUANN DRAKE CARRIE-52153 | 840003127268257 | C | | | | C | |
| RUANN DRAKE CORA-52072 | 840003127268176 | C | | | | | |
| RUANN DRAKE CORRY-52164 | 840003127268268 | C | | | | | |
| RUANN DRAKE DIANA-52767 | 840003127268871 | | | | | | |
| RUANN DRAKE DOLLY-52663 | 840003127268767 | C | | | | | |
| RUANN DRAKE DOTTIE-53319 | 840003127269423 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DRAKE ECHO-52200 | 840003127268304 | C | | | | | |
| RUANN DRAKE GLORY-51818 | 840003127267922 | | | | | | |
| RUANN DRAKE GRATEFUL-51873 | 840003127267977 | | | | | | |
| RUANN DRAKE JOAN-52040 | 840003127268144 | C | | | | | |
| RUANN DRAKE JOY-53606 | 840003130272985 | C | | | | | |
| RUANN DRAKE KINGPIN-53580 | 840003130272959 | | | | | | |
| RUANN DRAKE LILITH-52518 | 840003127268622 | C | | C | | | |
| RUANN DRAKE MERLA-52180 | 840003127268284 | C | | | | | |
| RUANN DRAKE MERLA-53414-TW | 840003127269518 | C | | | | | |
| RUANN DRAKE MERLA-53415-TW | 840003127269519 | | | | | | |
| RUANN DRAKE NORAIN-52737-TW | 840003127268841 | C | | | | | |
| RUANN DRAKE NORAIN-52739-TW | 840003127268843 | | | | | | |
| RUANN DRAKE PAM-53048 | 840003127269152 | | | | | | |
| RUANN DRAKE PEPSI-52400 | 840003127268504 | C | | | | | |
| RUANN DRAKE POSCH-53727 | 840003130273106 | | | | | | |
| RUANN DRAKE PRILLY-53632 | 840003130273011 | C | | | | | |
| RUANN DRAKE PRINCESS-51888 | 840003127267992 | | | | | | 3 |
| RUANN DRAKE ROSALYN-52393 | 840003127268497 | C | | | | | |
| RUANN DRAKE ROSALYN-53561 | 840003130272940 | | | | | | |
| RUANN DRAKE SANDY-52195-TW | 840003127268299 | C | | | | | |
| RUANN DRAKE SANDY-52196-TW | 840003127268300 | | | | | | |
| RUANN DRAKE TAUNA-51815 | 840003127267919 | C | | | | | |
| RUANN DRAKE TAUNA-53623 | 840003130273002 | | | | | | |
| RUANN DRAKE TRINKET-52363 | 840003127268467 | C | | | | | |
| RUANN DRAKE VOLSTAR-52386 | 840003127268490 | C | | | | | |
| RUANN DRAKE VOLSTAR-52439 | 840003127268543 | C | | | | | |
| RUANN DRAW DORINDA-74968 | USA 65256554 | | | | | | |
| RUANN DRES DORINDA-52674-ET | 840003127268778 | | | | | | |
| RUANN DRES DORINDA-52708-ET | 840003127268812 | | | | | | |
| RUANN DUN ANDREA-60754-ET | USA 62727037 | | | | | | |
| RUANN DUN ANGELINA-80557-ET | USA 65280674 | | | | | | |
| RUANN DUN TRITOMIA-25952-ET | 840003011179279 | | | | | | |
| RUANN DUNDE PAIGE-90117-ET | USA 66562301 | | | | | | |
| RUANN DUNDE PAIGE-91791-ET | 840003005122759 | | | | | | |
| RUANN DUNDEE BONNIE-80979 | USA 65281096 | | | | | | |
| RUANN DUNDEE ECHO-81253-ET | USA 66660999 | | | | | | |
| RUANN DUNDEE GLORY-92867-ET | 840003005123835 | | | | | | |
| RUANN DUNDEE IRISH-90157 | USA 66562341 | | | | | | |
| RUANN DUNDEE JO-81099 | USA 65281216 | | | | | | |
| RUANN DUNDEE KIDD-80571-ET | USA 65280688 | | | | | | |
| RUANN DUNDEE KIDD-80950-ET | USA 65281067 | | | | | | |
| RUANN DUNDEE MERLA-81165 | USA 65281282 | | | | | | |
| RUANN DUNDEE MOLLY-65610-ET | USA 64018637 | | | | | | |
| RUANN DUNDEE PEGGY-70777-ET | USA 63614124 | | | | | | |
| RUANN DUNDEE PEGGY-71521-ET | USA 64018776 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN DUNDEE PEPSI-90089-ET | USA 66562273 | | | | | | |
| RUANN DURA BAMSTAR-35332-ET | 840003012219980 | | C | | | | 3 |
| RUANN DURA BAMSTAR-35367-ET | 840003012220015 | | | | | | 3 |
| RUANN DURABLE ANN-35550-ET | 840003012220198 | | | | | | 3 |
| RUANN DURABLE ANNA-35481-ET | 840003012220129 | | C | | | | 3 |
| RUANN DURABLE ANNA-35483-ET | 840003012220131 | | C | | | | 3 |
| RUANN DURABLE ANNA-35543-ET | 840003012220191 | | | | | | 3 |
| RUANN DURHAM CHERRY-20822 | USA 61002312 | | | | | | |
| RUANN DURHAM DORINDA-30395 | USA 61216432 | | | | | | |
| RUANN DURHAM LOLA-40544 | USA 61693619 | | | | | | |
| RUANN DUSK DORINDA-36076 | 840003013920239 | | | | | | 1 |
| RUANN ECHO CHARMER-85349 | USA 66534128 | | | | | | |
| RUANN ECHO DORINDA-84005 | USA 66125389 | | | | | | |
| RUANN ECHO DORINDA-84387 | USA 66230438 | C | | | | | |
| RUANN ECHO DORINDA-85340 | USA 66534122 | | | | | | |
| RUANN ECHO HANNAH-85792 | USA 66610038 | | | | | | |
| RUANN ECHO PEARL-82668 | USA 65811379 | | | | | | |
| RUANN ECHO-83897 | USA 66107309 | | | | | | |
| RUANN ECON BAMSTAR-56105-TW | 840003133418885 | | | | | | |
| RUANN ECON CONSTANCE-56257 | 840003133419037 | | | | | | |
| RUANN ECONO AILEEN-62161 | 840003133419941 | | | | | | |
| RUANN ECONO ANDREA-56221 | 840003133419001 | | | | | | |
| RUANN ECONO CANDID-56213 | 840003133418993 | | | | | | |
| RUANN ECONO CHARITY-61949 | 840003133419729 | | | | | | |
| RUANN ECONO DORINDA-56202 | 840003133418982 | | | | | | |
| RUANN ECONO DORINDA-61653 | 840003133419433 | | | | | | |
| RUANN ECONO DORINDA-62178 | 840003133419958 | | | | | | |
| RUANN ECONO DORINDA-62201 | 840003133419981 | | | | | | |
| RUANN ECONO KIDD-62198-TW | 840003133419978 | | | | | | |
| RUANN ECONO KIDD-62199-TW | 840003133419979 | | | | | | |
| RUANN ECONO MELANIE-61917 | 840003133419697 | | | | | | |
| RUANN ECONO STAR-61537-TW | 840003133419317 | | | | | | |
| RUANN ECONO SUCCESS-61852 | 840003133419632 | | | | | C | |
| RUANN ECONO TAUNA-61532-TW | 840003133419312 | | | | | | |
| RUANN ECONO TAUNA-61533-TW | 840003133419313 | | | | | | |
| RUANN ECONOMIST AMYA-61603 | 840003133419383 | | | | | | |
| RUANN ECONOMIST DELUX-62212 | 840003133419992 | | | | | C | |
| RUANN ECONOMIST JANET-62237 | 840003133420017 | | | | | | |
| RUANN ECONOMIST JESSE-61600 | 840003133419380 | | | | | | |
| RUANN ECONOMIST JESSE-61866 | 840003133419646 | | | | | | |
| RUANN ECONOMIST KATHY-61652 | 840003133419432 | | | | | | |
| RUANN ECONOMIST LAIRD-61835 | 840003133419615 | | | | | | |
| RUANN ECONOMIST MAGIC-61738 | 840003133419518 | | | | | | |
| RUANN ECONOMIST MERLA-62033 | 840003133419813 | | | | | | |
| RUANN ECONOMIST MOLLY-61858 | 840003133419638 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ECONOMIST PAM-61712 | 840003133419492 | | | | | | |
| RUANN ECONOMIST PEGGY-61507 | 840003133419287 | | | | | | |
| RUANN ECONOMIST RAINA-61795 | 840003133419575 | | | | | | |
| RUANN ECONOMIST SUE-62092 | 840003133419872 | | | | | | |
| RUANN ECONOMIST TAUNA-61930 | 840003133419710 | | | | | | |
| RUANN EIDO CONSTANCE-35137 | 840003012219785 | | C | | | C | |
| RUANN EIDOL GRATEFUL-41663 | 840003013921726 | | C | | | | |
| RUANN EIDOL STARTREX-42726 | 840003013922789 | | | | | | |
| RUANN EIDOLON CHARITY-42049 | 840003013922112 | | C | | | | |
| RUANN EIDOLON DELUX-42576 | 840003013922639 | | | | | | |
| RUANN EIDOLON DREAM-36554 | 840003013920717 | | | | | | |
| RUANN EIDOLON ECHO-35863 | 840003012220511 | | | | | | |
| RUANN EIDOLON ECHO-41768 | 840003013921831 | | | | | | |
| RUANN EIDOLON GLEEM-41773 | 840003013921836 | | C | | | | |
| RUANN EIDOLON GLORY-35484 | 840003012220132 | | C | | | | |
| RUANN EIDOLON GLORY-36442 | 840003013920605 | | | | | C | |
| RUANN EIDOLON JESSE-41666 | 840003013921729 | | C | | | | |
| RUANN EIDOLON JOAN-35689 | 840003012220337 | | C | | | | |
| RUANN EIDOLON LANCE-36010 | 840003013920173 | | C | | | | |
| RUANN EIDOLON LASS-41830 | 840003013921893 | | C | | | | |
| RUANN EIDOLON MAIYA-36092 | 840003013920255 | C | C | | | | |
| RUANN EIDOLON MEGAN-36157 | 840003013920320 | | C | | | | |
| RUANN EIDOLON SACHSE-36369 | 840003013920532 | | C | | | | |
| RUANN EIDOLON TAUNA-42316 | 840003013922379 | | | C | | | |
| RUANN EIDOLON VITARA-36055 | 840003013920218 | | | | | | |
| RUANN EIDOLON VOLSTAR-36015 | 840003013920178 | | | | | | |
| RUANN ELEMEN GRATEFUL-93782 | 840003005124750 | | | C | | | |
| RUANN ELEMEN K-NELLIE-94119 | 840003005125087 | | | C | | | |
| RUANN ELEMENT ALMA-93655 | 840003005124623 | | | C | | | |
| RUANN ELEMENT ANDREA-94052 | 840003005125020 | | | | | | |
| RUANN ELEMENT BERTA-94474 | 840003005125442 | | | | | | |
| RUANN ELEMENT BONNA-94430 | 840003005125398 | | | | | | |
| RUANN ELEMENT COMET-85147 | USA 66462835 | C | | | | | |
| RUANN ELEMENT DEE-94463 | 840003005125431 | | | C | | | |
| RUANN ELEMENT DELUX-93687 | 840003005124655 | | | | | | |
| RUANN ELEMENT LISA-94265 | 840003005125233 | | | | | | |
| RUANN ELEMENT MERLA-93859 | 840003005124827 | | | C | | | |
| RUANN ELEMENT MISSY-93804 | 840003005124772 | | | C | | | |
| RUANN ELEMENT NICOLE-93466 | 840003005124434 | | | C | | | |
| RUANN ELEMENT PEARL-93676 | 840003005124644 | | | C | | | |
| RUANN ELEMENT PEGGY-91731 | 840003005122699 | | | C | | | |
| RUANN ELEMENT SEIKA-93674 | 840003005124642 | | | C | | | |
| RUANN ELEMENT SUGAR-94015 | 840003005124983 | | | | | | |
| RUANN ELEMENT TAUNA-93748 | 840003005124716 | | | C | | | 1 |
| RUANN ELEMENT TAUNA-94068 | 840003005125036 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ELLIE-83364-RED | USA 65980577 | | | | | | |
| RUANN ELLUF-84083 | USA 66171671 | | | | | | |
| RUANN EMER LANELLE-25493-ET | 840003010369090 | C | | C | | | |
| RUANN EMER NORAIN-41821-ET | 840003013921884 | C | | | | | |
| RUANN EMERA COMET-53957-ET | 840003130273336 | C | | | | | |
| RUANN EMERAL BECKY-35527-ET | 840003012220175 | | | | | | |
| RUANN EMERAL COMET-54242-ET | 840003130273621 | C | | | | | |
| RUANN EMERAL COMET-54249-ET | 840003130273628 | C | | | | | |
| RUANN EMERAL DELUX-43607-ET | 840003124682096 | C | | | | | |
| RUANN EMERAL ELLIE-55277-ET | 840003130274656 | C | | | | | |
| RUANN EMERAL JESSE-35073-ET | 840003012219721 | C | | | | | |
| RUANN EMERAL JESSE-35086-ET | 840003012219734 | | | | | | |
| RUANN EMERAL TAUNA-24435-ET | 840003010368032 | | | | | | |
| RUANN EMERALD ALLI-46355-ET | 840003126825716 | C | | | | | |
| RUANN EMERALD RETA-24915-ET | 840003010368512 | C | | | | | |
| RUANN EMORY CORRY-13600-ET | USA 60614984 | | | | | | |
| RUANN EMORY GLORY-90499-ET | USA 60062356 | | | | | | |
| RUANN EMORY RETA-31144 | USA 61526499 | | | | | | |
| RUANN ENTI CONDUCTOR-61553 | 840003133419333 | | | | | | |
| RUANN ENTI JEWELANNE-61801 | 840003133419581 | | | | | | |
| RUANN ENTICE MERLA-61595-TW | 840003133419375 | | | | | | |
| RUANN ENTICE MERLA-61596-TW | 840003133419376 | | | | | | |
| RUANN ENTICER ALMA-61809 | 840003133419589 | | | C | | | |
| RUANN ENTICER ANNA-56269-TW | 840003133419049 | | | | | | |
| RUANN ENTICER BETTS-61574 | 840003133419354 | | | | | | |
| RUANN ENTICER CLARET-62303 | 840003133420083 | | | | | | |
| RUANN ENTICER CORRY-62059 | 840003133419839 | | | | | | |
| RUANN ENTICER DORINDA-56238 | 840003133419018 | | | | | | |
| RUANN ENTICER DORINDA-61981 | 840003133419761 | | | | | | |
| RUANN ENTICER ELA-56035 | 840003133418815 | | | | | | |
| RUANN ENTICER HOPE-61708 | 840003133419488 | | | | | | |
| RUANN ENTICER JOAN-56357 | 840003133419137 | | | | | | 1 |
| RUANN ENTICER JOANIE-61937 | 840003133419717 | | | | | | |
| RUANN ENTICER KANDY-61935 | 840003133419715 | | | | | | |
| RUANN ENTICER KIDD-61530-TW | 840003133419310 | | | | | | |
| RUANN ENTICER KIDD-61531-TW | 840003133419311 | | | | | | |
| RUANN ENTICER KINGPIN-61985 | 840003133419765 | | | | | | |
| RUANN ENTICER LUCILE-56253 | 840003133419033 | | | | | | |
| RUANN ENTICER MERLA-56327 | 840003133419107 | C | | | | | 1 |
| RUANN ENTICER MERLA-61825 | 840003133419605 | | | | | | |
| RUANN ENTICER PIPER-61615 | 840003133419395 | | | | | | |
| RUANN ENTICER RETA-61728 | 840003133419508 | | | | | C | |
| RUANN ENTICER SILVA-62103 | 840003133419883 | | | | | | |
| RUANN ENTICER SUE-61570 | 840003133419350 | | | | | | |
| RUANN ENTICER TAUNA-56205 | 840003133418985 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN ENTICER TRIGGER-61558 | 840003133419338 | C | | | | | |
| RUANN ENTICER WHIM-61681-TW | 840003133419461 | | | | | | |
| RUANN ENTICER ZENA-61619 | 840003133419399 | | | | | | |
| RUANN EPIC TRUFFLE-54486-ET | 840003130273865 | | | | | C | |
| RUANN EQUATE ENTRON-93358 | 840003005124326 | | | | | | |
| RUANN ERNIE TAUNA-46156-ET | 840003126825517 | | | C | | | |
| RUANN ERNIE TAUNA-46258-ET | 840003126825619 | | | | | | |
| RUANN ESCORT BAMSTAR-83156 | USA 65914738 | | | | | | |
| RUANN ESCORT CORA-84078 | USA 66171667 | | | | | | |
| RUANN ESCORT LASSO-84554 | USA 66284933 | C | | | | | |
| RUANN ESCORT-85111 | USA 66534114 | | | | | | |
| RUANN ESPIRIT BAMSTAR-93247 | 840003005124215 | | | | | | |
| RUANN ESQUIRE BAMSTAR-90622 | USA 66562806 | C | | | | C | |
| RUANN ESTERO BESSY-62296-TW | 840003133420076 | | | | | | |
| RUANN ESTERO BONNIE-61942 | 840003133419722 | | | | | | |
| RUANN ESTERO GLORY-62325 | 840003133420105 | | | | | | |
| RUANN ESTERO JEAN-62139 | 840003133419919 | | | | | | |
| RUANN ESTERO MERLA-61655 | 840003133419435 | | | | | | |
| RUANN ESTERO TRIGGER-62177 | 840003133419957 | C | | | | | |
| RUANN EVIDENCE DELUX-94078 | 840003005125046 | | | | | | |
| RUANN EVIDENCE ELLIE-93932 | 840003005124900 | | | | | | |
| RUANN EVIDENCE ELLIE-94255 | 840003005125223 | | | | | | |
| RUANN EVIDENCE GLORY-93864 | 840003005124832 | | | | | | |
| RUANN EVIDENCE KENDRA-94042 | 840003005125010 | | | | | | |
| RUANN EVIDENCE LANCE-93913 | 840003005124881 | | | | | | |
| RUANN EVIDENCE-94018 | 840003005124986 | | | | | | |
| RUANN EX CONSTANCE-61571 | 840003133419351 | | | | | | |
| RUANN EXA HANDMAID-43329-ET | 840003013923392 | | | | | C | |
| RUANN EXA HANDMAID-43341-ET | 840003013923404 | | | | | | |
| RUANN EXA HANDMAID-43394-ET | 840003013923457 | | | | | C | |
| RUANN EXAC PAULYNE-42818-ET | 840003013922881 | | | | | | |
| RUANN EXAC PAULYNE-42828-ET | 840003013922891 | | | | | | |
| RUANN EXACTE JESSE-43738-ET | 840003124682227 | | | | | | |
| RUANN EXP MERLA-31632-ETS | 840003011522600 | | | | | | |
| RUANN EXP MERLA-31633-ETS | 840003011522601 | | | | | | |
| RUANN EXPLOD BESSY-22804-ET | 840003009642456 | | | | | | |
| RUANN EXPLOD MERLA-20736-ET | 840003009754458 | | | | | | |
| RUANN EXPLOD MERLA-20743-ET | 840003009754465 | | | | | | |
| RUANN EXPLOD MERLA-24149-ET | 840003010367746 | | | C | | | |
| RUANN EXPLOD MERLA-24262-ET | 840003010367859 | | | | | | |
| RUANN EXPLOD MERLA-24263-ET | 840003010367860 | | | C | | | |
| RUANN EXPLOD MERLA-24480-ET | 840003010368077 | | | | | | |
| RUANN EXPLOD MERLA-24494-ET | 840003010368091 | | | | | | |
| RUANN EXPLOD MERLA-26520-ET | 840003011179847 | | | | | | |
| RUANN EXPLOD MERLA-26548-ET | 840003011179875 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN EXPLOD MERLA-26591-ET | 840003011179918 | | | | | | |
| RUANN EXPLOD MERLA-30029-ET | 840003011579317 | | | | | | |
| RUANN EXPLOD MERLA-31585-ET | 840003011522553 | C | | | | | |
| RUANN EXPLOD MERLA-31598-ET | 840003011522566 | C | | | | | |
| RUANN EXPLOD PAULA-22822-ET | 840003009642474 | | | | | | |
| RUANN EXPLOD POSCH-23335-ET | 840003009642987 | | | | | | |
| RUANN EXPLOD POSCH-23382-ET | 840003009643034 | | | | | | |
| RUANN EXPLODE ANNA-20709 | 840003009754431 | | | | | | |
| RUANN EXPLODE ECHO-20695 | 840003009754417 | | | | | | |
| RUANN EXPLODE LUCY-42135 | 840003013922198 | | | | | | |
| RUANN EXPLODE MERLA-20737 | 840003009754459 | | | | | | |
| RUANN EXPRE BROOKLYN-56234 | 840003133419014 | C | | | | | |
| RUANN EXPRESS ANDREA-55523 | 840003133418303 | | | | | | |
| RUANN EXPRESS ANNABEL-55425 | 840003130274804 | | | | | | |
| RUANN EXPRESS DOTTIE-56151 | 840003133418931 | | | | | | |
| RUANN EXPRESS DRESDAN-55962 | 840003133418742 | | | | | | |
| RUANN EXPRESS GAL-55978 | 840003133418758 | | | | | | |
| RUANN EXPRESS GLORY-55775 | 840003133418555 | | | | | | |
| RUANN EXPRESS MERLA-55682 | 840003133418462 | | | | | | |
| RUANN EXPRESS NETTIE-55527 | 840003133418307 | | | | | | |
| RUANN EXPRESS TAUNA-56085 | 840003133418865 | | | | | | |
| RUANN F HANDMAID-41796-ET | 840003013921859 | | | | | | |
| RUANN F HANDMAID-41818-ET | 840003013921881 | | | | | | |
| RUANN F-BOOK DELUX-50707-ET | 840003127759461 | | | | | | |
| RUANN F-BOOK HELEN-50872 | 840003127759626 | | | | | | |
| RUANN FABIAN ROXY-90211-TW | USA 66562395 | | C | | | | |
| RUANN FABIAN ROXY-90212-TW | USA 66562396 | | C | | | | |
| RUANN FACE SCARLET-54655-ET | 840003130274034 | | | | | | |
| RUANN FACE TRINKET-55476-ET | 840003130274855 | | | | | | 3 |
| RUANN FACEBK GLORY-54112-ET | 840003130273491 | | | | | | |
| RUANN FACEBK GLORY-54159-ET | 840003130273538 | | | | | | |
| RUANN FACEBK IRISH-54739-ET | 840003130274118 | | | | | | |
| RUANN FACEBK IRISH-54755-ET | 840003130274134 | | | | | | |
| RUANN FACEBK IRISH-54760-ET | 840003130274139 | | | | | | |
| RUANN FACEBK IRISH-54766-ET | 840003130274145 | | | | | | |
| RUANN FACEBK IRISH-54794-ET | 840003130274173 | | | | | | |
| RUANN FACEBK IRISH-54878-ET | 840003130274257 | | | | | | |
| RUANN FACEBK IRISH-54996-ET | 840003130274375 | | | | | | |
| RUANN FACEBOK ALMA-54041-ET | 840003130273420 | | | | | | |
| RUANN FACEBOK ALMA-54102-ET | 840003130273481 | | | | | | |
| RUANN FACEBOK ALMA-54187-ET | 840003130273566 | | | | | | |
| RUANN FANTA PRINCESS-92083 | 840003005123051 | | | | | | |
| RUANN FANTASY AILEEN-93447 | 840003005124415 | | | | | | |
| RUANN FANTASY ALMA-90185 | USA 66562369 | | | | | | |
| RUANN FANTASY ANDREA-90380 | USA 66562564 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN FANTASY ANNA-92308 | 840003005123276 | | | | | | |
| RUANN FANTASY ANNABEL-93091 | 840003005124059 | | | | | | |
| RUANN FANTASY BONNIE-90250 | USA 66562434 | | | | | | |
| RUANN FANTASY CORRY-91838 | 840003005122806 | | | | | | |
| RUANN FANTASY DAISY-91680 | 840003005122648 | | | | | | |
| RUANN FANTASY DELUX-91714 | 840003005122682 | | | | | | |
| RUANN FANTASY DEMAND-90494 | USA 66562678 | | | | | | |
| RUANN FANTASY DORINDA-90319 | USA 66562503 | | | | | | |
| RUANN FANTASY DORINDA-92003 | 840003005122971 | | | | | | |
| RUANN FANTASY DOTTIE-92798 | 840003005123766 | | | | | | |
| RUANN FANTASY ECHO-85995 | USA 66833596 | | | | | | |
| RUANN FANTASY FALON-92091 | 840003005123059 | | | | | | |
| RUANN FANTASY FOBES-92283 | 840003005123251 | | | | | | 3 |
| RUANN FANTASY GLORY-90214 | USA 66562398 | | | | | | |
| RUANN FANTASY HAPPY-90394 | USA 66562578 | | | | | | |
| RUANN FANTASY HOPE-90363 | USA 66562547 | | | | | | |
| RUANN FANTASY JEAN-90313-TW | USA 66562497 | | | | | | |
| RUANN FANTASY JESSE-92092 | 840003005123060 | | | | | | |
| RUANN FANTASY JOY-91677 | 840003005122645 | | | | | | |
| RUANN FANTASY JUDIE-92838 | 840003005123806 | | | | | | |
| RUANN FANTASY MALLIE-93033 | 840003005124001 | | | | | | |
| RUANN FANTASY MELANIE-92190 | 840003005123158 | | | | | | |
| RUANN FANTASY MERLA-90355 | USA 66562539 | | | | | | |
| RUANN FANTASY MERLA-91888 | 840003005122856 | | | | | | |
| RUANN FANTASY RUBIE-92591 | 840003005123559 | | | | | | |
| RUANN FANTASY SUE-91580 | 840003005122548 | | | | | | |
| RUANN FANTASY TAUNA-91854 | 840003005122822 | C | | | | | 3 |
| RUANN FANTASY TAUNA-93520 | 840003005124488 | | | | | | |
| RUANN FANTASY VELMA-93352 | 840003005124320 | | | | | | |
| RUANN FANTASY-85900 | USA 66833527 | | | | | | |
| RUANN FANTASY-92449 | 840003005123417 | | | | | | |
| RUANN FAV DORINDA-36446-ET | 840003013920609 | | | | | | |
| RUANN FAV TRINKET-43434-ET | 840003013923497 | | C | | | | |
| RUANN FAV TRINKET-43575-ET | 840003124682064 | | C | | | | 1 |
| RUANN FAVR DORINDA-36394-ET | 840003013920557 | | | | | | |
| RUANN FAVRE ANDREA-31248-TW | 840003011580536 | | C | | | | |
| RUANN FAVRE BONNIE-42225-ET | 840003013922288 | | | | | | |
| RUANN FAVRE BONNIE-42268-ET | 840003013922331 | | C | | | | |
| RUANN FAVRE BONNIE-42281-ET | 840003013922344 | | C | | | | |
| RUANN FAVRE BONNIE-42297-ET | 840003013922360 | | | | | | |
| RUANN FAVRE BONNIE-42350-ET | 840003013922413 | | | | | | |
| RUANN FAVRE BONNIE-42352-ET | 840003013922415 | | | | | | |
| RUANN FAVRE BONNIE-42425-ET | 840003013922488 | | C | | | | |
| RUANN FAVRE HELEN-36493-ET | 840003013920656 | | C | | | | |
| RUANN FAVRE HELEN-42013-ET | 840003013922076 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN FAVRE HELEN-43961-ET | 840003124682450 | | C | | | | |
| RUANN FAVRE PAIGE-40507-ET | 840003014226644 | | C | | | | |
| RUANN FAVRE SHENNA-44638-ET | 840003124683127 | | | C | | | |
| RUANN FAVRE SHENNA-44654-ET | 840003124683143 | | | | | | |
| RUANN FAVRE SHENNA-44707-ET | 840003124683196 | | C | C | | | |
| RUANN FAVRE TAUNA-42128-ET | 840003013922191 | | C | | | | |
| RUANN FEVER JEAN-20660-ET | 840003009754382 | | | C | | | |
| RUANN FIN DEMAND-43997-ET | USA 62054082 | C | | | | | |
| RUANN FINLEY MERLA-42342-ET | USA 61871936 | C | | | | | |
| RUANN FINLEY MERLA-42837-ET | USA 61906673 | | | | | | |
| RUANN FINLEY MERLA-53013-ET | USA 62469184 | | | | | | |
| RUANN FOR BEATRICE-42328-ET | 840003013922391 | | | | | | |
| RUANN FOR HANDMAID-41853-ET | 840003013921916 | | | | | | |
| RUANN FOR HANDMAID-41879-ET | 840003013921942 | | | | | | |
| RUANN FOR HANDMAID-46469-ET | 840003126825830 | | | | | | |
| RUANN FORK ALMA-41893-ET | 840003013921956 | | | | | | |
| RUANN FORK ALMA-41941-ET | 840003013922004 | | | | | | |
| RUANN FORK ALMA-41962-ET | 840003013922025 | | | | | | |
| RUANN FORK DELUX-42015-ET | 840003013922078 | | | | | | |
| RUANN FORK DELUX-42052-ET | 840003013922115 | | | | | | |
| RUANN FORK DELUX-42055-ET | 840003013922118 | | | | | | |
| RUANN FORK DORINDA-35954-ET | 840003012220602 | C | | | | | |
| RUANN FORK DORINDA-35960-ET | 840003012220608 | | | | | | |
| RUANN FORK DORINDA-35994-ET | 840003012220642 | | | | | | |
| RUANN FORK ECHO-36204-ET | 840003013920367 | | | | | | |
| RUANN FORK ECHO-36252-ET | 840003013920415 | | | | | | |
| RUANN FORK ECHO-36312-ET | 840003013920475 | | | | | | |
| RUANN FORK IRISH-36038-ET | 840003013920201 | | | | | | |
| RUANN FORK LOLA-53426-ET | 840003127269530 | | | | | | |
| RUANN FORK LOLA-53547-ET | 840003130272926 | | | | | | |
| RUANN FORK MERLA-21249 | 840003009754971 | | | | | | |
| RUANN FORK MERLA-30054 | 840003011579342 | | | | | | |
| RUANN FORK MERLA-42221-ET | 840003013922284 | | | | | | |
| RUANN FORK MOLLY-52546-ET | 840003127268650 | | | | | | |
| RUANN FORK MOLLY-52555-ET | 840003127268659 | C | | | | | |
| RUANN FORK NORAIN-46229-ET | 840003126825590 | | | | | | |
| RUANN FORK NORAIN-46276-ET | 840003126825637 | | | | | | |
| RUANN FORK POSCH-31109-ET | 840003011580397 | | | | | | |
| RUANN FORK POSCH-35986-ET | 840003012220634 | | | | | | |
| RUANN FORK POSCH-36017-ET | 840003013920180 | | | | | | |
| RUANN FORK POSCH-40122 | 840003014226259 | | | | | | |
| RUANN FORK TAUNA-21043 | 840003009754765 | | | | | | |
| RUANN FORMAT MERLA-4347 | 840003004670736 | | | | | | |
| RUANN FRANKIN ECHO-35170-ET | 840003012219818 | | | | | | |
| RUANN FRED TRINKET-53577-ET | 840003130272956 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN FRED TRINKET-53578-ET | 840003130272957 | | | | | | |
| RUANN FRED TRINKET-53655-ET | 840003130273034 | | | | | | 1 |
| RUANN FREDIE DREAM-53404-ET | 840003127269508 | | | | | | |
| RUANN FREDIE DREAM-53429-ET | 840003127269533 | | | | | | 1 |
| RUANN FREDIE DREAM-53438-ET | 840003127269542 | | | | | | 1 |
| RUANN FREDIE DREAM-53492-ET | 840003127269596 | | | | | | 1 |
| RUANN FREDIE IRISH-53789-ET | 840003130273168 | | | | | | |
| RUANN FREDIE IRISH-53795-ET | 840003130273174 | | | | | | |
| RUANN FREDIE IRISH-53798-ET | 840003130273177 | | | | | | |
| RUANN FREDIE IRISH-53826-ET | 840003130273205 | | | | | | |
| RUANN FREDIE IRISH-53838-ET | 840003130273217 | | | | | | |
| RUANN FREDIE IRISH-53860-ET | 840003130273239 | | | | | | |
| RUANN FREDIE MERLA-53178-ET | 840003127269282 | | | | | | |
| RUANN G C CHARMER-24765-ET | 840003010368362 | | | | | | |
| RUANN G C CHARMER-24844-ET | 840003010368441 | | | | | | |
| RUANN G C CHARMER-24871-ET | 840003010368468 | | | | | | |
| RUANN G C CHARMER-24897-ET | 840003010368494 | | | | | | |
| RUANN G W AT ANNA-41742-ET | 840003013921805 | | | | | | |
| RUANN G W AT ECHO-42155-ET | 840003013922218 | | | | | | |
| RUANN G W AT ECHO-42172-ET | 840003013922235 | | | | | | |
| RUANN G W AT ECHO-42183-ET | 840003013922246 | | | | | | |
| RUANN G W AT ECHO-42203-ET | 840003013922266 | | | | | | |
| RUANN G W AT ECHO-43998-ET | 840003124682487 | | | | | | |
| RUANN G W AT ECHO-44017-ET | 840003124682506 | | | | | | |
| RUANN G W AT ECHO-44151-ET | 840003124682640 | | | | | | |
| RUANN G W AT ECHO-44195-ET | 840003124682684 | | | | | | |
| RUANN G W AT ECHO-45755-ET | 840003126825116 | | | | | | |
| RUANN G W AT ECHO-53383-ET | 840003127269487 | C | | | | | |
| RUANN G W AT ELLIE-35916-ET | 840003012220564 | | | | | | |
| RUANN G W AT ELLIE-42714-ET | 840003013922777 | | | | | | |
| RUANN G W AT FOBES-43933-ET | 840003124682422 | | | | | | |
| RUANN G W AT FOBES-43973-ET | 840003124682462 | | | | | | |
| RUANN G W AT FOBES-44019-ET | 840003124682508 | | | | | | |
| RUANN G W AT FOBES-52865-ET | 840003127268969 | | | | | | |
| RUANN G W AT FOBES-52903-ET | 840003127269007 | | | | | | |
| RUANN G W AT FOBES-52928-ET | 840003127269032 | | | | | | |
| RUANN G W AT GLORY-35474-ET | 840003012220122 | | | | | | |
| RUANN G W AT GLORY-36376-ET | 840003013920539 | | | | | | |
| RUANN G W AT GLORY-43218-ET | 840003013923281 | | | | | | |
| RUANN G W AT GLORY-61989-ET | 840003133419769 | | | | | | |
| RUANN G W AT JEAN-35033-ET | 840003012219681 | | | C | | | |
| RUANN G W AT JEAN-35060-ET | 840003012219708 | | | | | | |
| RUANN G W AT JEAN-35122-ET | 840003012219770 | | | C | | | |
| RUANN G W AT JEAN-41557-ET | 840003013921620 | | | C | | | |
| RUANN G W AT JEAN-44048-ET | 840003124682537 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN G W AT JEAN-44845-ET | 840003124683334 | | | | | | |
| RUANN G W AT KIDD-51717-ET | 840003127267821 | | | | | | |
| RUANN G W AT KIDD-51750-ET | 840003127267854 | | | | | | |
| RUANN G W AT KIDD-54842-ET | 840003130274221 | | | | | | |
| RUANN G W AT LOLA-33790-ET | 840003012218438 | | | | | | |
| RUANN G W AT LOLA-43861-ET | 840003124682350 | | | | | | |
| RUANN G W AT LOLA-44667 | 840003124683156 | | | | | | |
| RUANN G W AT LOLA-45998 | 840003126825359 | | | | | | |
| RUANN G W AT MERLA-35790-ET | 840003012220438 | | | | | | |
| RUANN G W AT MERLA-42901-ET | 840003013922964 | | | | | | |
| RUANN G W AT MERLA-5623-ET | 840003012220271 | | | | | | |
| RUANN G W AT PEARL-45145-ET | 840003124683634 | | | | | | |
| RUANN G W AT PEGGY-35051-ET | 840003012219699 | | | | | | |
| RUANN G W AT PEGGY-35084-ET | 840003012219732 | | | | | | |
| RUANN G W AT PEGGY-42274-ET | 840003013922337 | | | | | | |
| RUANN G W AT PEGGY-42392-ET | 840003013922455 | | | | | | |
| RUANN G W AT PEGGY-44974-ET | 840003124683463 | | | | | | |
| RUANN G W AT PEGGY-44994-ET | 840003124683483 | C | | | | | |
| RUANN G W AT PEGGY-45068 | 840003124683557 | C | | | | | |
| RUANN G W AT POSCH-35818-ET | 840003012220466 | | | | | | |
| RUANN G W AT POSCH-35937-ET | 840003012220585 | | | | | | |
| RUANN G W AT POSCH-35941-ET | 840003012220589 | | | | | | |
| RUANN G W AT POSCH-41514 | 840003013921577 | | | | | | |
| RUANN G W AT POSCH-43952-ET | 840003124682441 | | | | | | |
| RUANN G W AT ROXY-44120-ET | 840003124682609 | | C | | | | |
| RUANN G W AT ROXY-44379-ET | 840003124682868 | | C | | | | |
| RUANN G W AT ROXY-52132-ET | 840003127268236 | | C | | | | |
| RUANN G W AT ROXY-52175-ET | 840003127268279 | | C | | | | |
| RUANN G W AT ROXY-52208-ET | 840003127268312 | | | | | | |
| RUANN G W AT ROXY-52216-ET | 840003127268320 | | | | | | |
| RUANN G W AT ROXY-52225-ET | 840003127268329 | | C | | | | |
| RUANN G W AT SHAR-22823-ET | 840003009642475 | | | | | | |
| RUANN G W AT SHAR-22842-ET | 840003009642494 | | | | | | |
| RUANN G W AT SHEEN-45653-ET | 840003126825014 | | | | | | |
| RUANN G W AT SHEEN-45731-ET | 840003126825092 | | | | | | |
| RUANN G W AT SHEEN-45815-ET | 840003126825176 | | | | | | |
| RUANN G W AT SHEEN-52137-ET | 840003127268241 | | | | | | |
| RUANN G W AT SHEEN-52250-ET | 840003127268354 | | | | | | |
| RUANN G W AT TAUNA-54711-ET | 840003130274090 | | | | | | |
| RUANN G W AT VODKA-44052-ET | 840003124682541 | | | | | | |
| RUANN G W AT VODKA-44064-ET | 840003124682553 | | | | | | |
| RUANN G W AT VODKA-44067-ET | 840003124682556 | | | | | | |
| RUANN G W AT VODKA-44091-ET | 840003124682580 | | | | | | |
| RUANN G W AT VODKA-44243-ET | 840003124682732 | | | | | | |
| RUANN G W AT VODKA-54722-ET | 840003130274101 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN G W AT WHIM-41564-ET | 840003013921627 | | | | | | |
| RUANN G W AT WHIM-41628-ET | 840003013921691 | | | | | | |
| RUANN G W AT WHIM-41655-ET | 840003013921718 | | | | | | |
| RUANN G W AT WHIM-41685-ET | 840003013921748 | | | | | | |
| RUANN GABE CHARITY-42849 | 840003013922912 | C | | | | | |
| RUANN GABLE DESIREE-3668 | USA 60286223 | | | C | | | |
| RUANN GABOR ANNA-91270-ET | USA 69017472 | | | | | | |
| RUANN GABOR DORINDA-91303 | USA 69017505 | | | | | | |
| RUANN GABOR GRATEFUL-74 | USA 69017676 | | | | | | |
| RUANN GABOR TAUNA-925 | USA 69018527 | | | | | | |
| RUANN GADSBY ANNA-40780-TW | USA 61991465 | | | | | | |
| RUANN GADSBY TAUNA-40707 | USA 61991392 | | | | | | |
| RUANN GARISON ECHO-65023-ET | USA 63715390 | | | | | | |
| RUANN GARRI ANDREA-92999-ET | 840003005123967 | | | | | | |
| RUANN GARRI ANDREA-93029-ET | 840003005123997 | | | | | | |
| RUANN GARRIS DORINDA-90055 | USA 66562239 | | | | | | |
| RUANN GARRIS GLORY-90115 | USA 66562299 | | | | | | |
| RUANN GARRISON JAY-86083-ET | USA 66833660 | | | | | | |
| RUANN GARRISON JOY-81255-ET | USA 66661001 | | | | | | |
| RUANN GARRISON JOY-85999-ET | USA 66833600 | | | | | | |
| RUANN GENOM MERLA-46101-ET | 840003126825462 | | | | | | |
| RUANN GERAR BONNIE-42914-ET | 840003013922977 | | | | | | |
| RUANN GERAR BONNIE-43035-ET | 840003013923098 | | | | | | |
| RUANN GERAR BONNIE-43082-ET | 840003013923145 | | | | | | |
| RUANN GERAR BONNIE-43101-ET | 840003013923164 | | | | | | |
| RUANN GERARD ALMA-53377-ET | 840003127269481 | | | | | | |
| RUANN GERARD ALMA-53423-ET | 840003127269527 | | | | | | |
| RUANN GERARD ALMA-53437-ET | 840003127269541 | | | | | | |
| RUANN GERARD ALMA-53497-ET | 840003127269601 | | | | | | |
| RUANN GERARD ANN-11125 | USA 69971574 | | | | | | |
| RUANN GERARD ANNA-11105 | USA 69971554 | | | | | | |
| RUANN GERRARD GLORY-10295 | USA 69970744 | | | | | | |
| RUANN GI BEATRICE-55766-ET | 840003133418546 | | | | | | |
| RUANN GIFI DORINDA-52948-ET | 840003127269052 | | | | | | |
| RUANN GIFI DORINDA-52986-ET | 840003127269090 | | | | | | |
| RUANN GIFI DORINDA-53011-ET | 840003127269115 | | | | | | |
| RUANN GIFI DORINDA-53015-ET | 840003127269119 | | | | | | |
| RUANN GIFIAN ALLI-54947-ET | 840003130274326 | | | | | | |
| RUANN GIFIAN ALLI-55077-ET | 840003130274456 | | | | | | |
| RUANN GIFIAN ANNA-53398-ET | 840003127269502 | | | | | | |
| RUANN GIFIAN ANNA-53511-ET | 840003130272890 | | | | | | |
| RUANN GIFIAN DELUX-55072 | 840003130274451 | | | | | | |
| RUANN GIFIAN TAUNA-53553-ET | 840003130272932 | | | | | | |
| RUANN GIL BEATRICE-53913-ET | 840003130273292 | | | | | | |
| RUANN GIL BEATRICE-55993-ET | 840003133418773 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GIL BEATRICE-55995-ET | 840003133418775 | | | | | | |
| RUANN GILES NORAIN-51682-ET | 840003127267786 | | | | | | |
| RUANN GILES NORAIN-51709-ET | 840003127267813 | | | | | | |
| RUANN GILL DORINDA-42438-ET | 840003013922501 | | | | | | |
| RUANN GILL DORINDA-44026-ET | 840003124682515 | | | | | | |
| RUANN GILL DORINDA-44079-ET | 840003124682568 | | | | | | |
| RUANN GILL DORINDA-44184-ET | 840003124682673 | | | | | | |
| RUANN GILL DORINDA-53640-ET | 840003130273019 | | | | | | |
| RUANN GILLE NORAIN-51655-ET | 840003127267759 | | | | | | |
| RUANN GILLES COMET-52556-ET | 840003127268660 | | | | | | |
| RUANN GILLES COMET-52559-ET | 840003127268663 | | | | | | |
| RUANN GILLES COMET-52600-ET | 840003127268704 | | | | | | |
| RUANN GILLES ECHO-44551-ET | 840003124683040 | | | | | | |
| RUANN GILLES ECHO-52592-ET | 840003127268696 | | | | | | |
| RUANN GILLES ECHO-52625-ET | 840003127268729 | | | | | | |
| RUANN GILLES ECHO-52632-ET | 840003127268736 | | | | | | |
| RUANN GILLES ELLIE-53921-ET | 840003130273300 | | | | | | |
| RUANN GILLES ELLIE-54791-ET | 840003130274170 | | | | | | |
| RUANN GILLES JESSE-52669-ET | 840003127268773 | | | | | | |
| RUANN GILLES KATHY-42378-ET | 840003013922441 | | | | | | |
| RUANN GILLES KATHY-42446-ET | 840003013922509 | | | | | | |
| RUANN GILLES MOLLY-44003-ET | 840003124682492 | C | | | | | |
| RUANN GILLES PAIGE-52149-ET | 840003127268253 | | | | | | |
| RUANN GILLESP ALMA-44499-ET | 840003124682988 | | | | | | |
| RUANN GILLESP ALMA-44672-ET | 840003124683161 | | | | | | |
| RUANN GILLESP ALMA-44678-ET | 840003124683167 | | | | | | |
| RUANN GILLESP ECHO-44474-ET | 840003124682963 | | | | | | |
| RUANN GILLESP ECHO-44480-ET | 840003124682969 | | | | | | |
| RUANN GILLESPY MERLA-50091 | 840003127758845 | | | | | | |
| RUANN GILLESPY PAM-53265-ET | 840003127269369 | | | | | | |
| RUANN GILLESPY PAM-53305-ET | 840003127269409 | | | | | | |
| RUANN GILLESPY TAUNA-52530 | 840003127268634 | | | C | | | 1 |
| RUANN GIVEN GLORY-84322 | USA 66230391 | | | | | | |
| RUANN GIVEN PAIGE-85843 | USA 66610077 | | | | | | |
| RUANN GIVEN PRINCESS-91922 | 840003005122890 | | | | | | |
| RUANN GIVEN TAUNA-84769 | USA 66362396 | | | | | | |
| RUANN GIVEN-91943 | 840003005122911 | | | | | | |
| RUANN GLAM DESIGN-94268 | 840003005125236 | | | | | | |
| RUANN GLAM DORINDA-93888 | 840003005124856 | | | | | | |
| RUANN GLAM ENTRON-93689 | 840003005124657 | | | | | | |
| RUANN GLAM GLORY-90587 | USA 66562771 | | | | | | |
| RUANN GLAM JANELL-91022-TW | USA 66563206 | | | | | | |
| RUANN GLAM JOY-94047 | 840003005125015 | | | | | | |
| RUANN GLAM MERLA-90722 | USA 66562906 | | | | | | |
| RUANN GLAM NORMAN-94343 | 840003005125311 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GLAM PACSTAR-94159 | 840003005125127 | | | | | | |
| RUANN GLAM PHOEBE-94324 | 840003005125292 | | | C | | | |
| RUANN GLAM POSCH-90747 | USA 66562931 | | | | | | |
| RUANN GLAM SHARON-94340 | 840003005125308 | | | | | | |
| RUANN GLAM TAUNA-90661 | USA 66562845 | | | | | | |
| RUANN GLAM TUFFEE-93753 | 840003005124721 | | | | | | |
| RUANN GLAM VIOLET-94136-TW | 840003005125104 | | | | | | |
| RUANN GLEN BONNIE-81010 | USA 65281127 | | | | | | |
| RUANN GLEN CORRY-52947-ET | 840003127269051 | | | | | | |
| RUANN GLEN CORRY-52971-ET | 840003127269075 | | | | | | |
| RUANN GLEN CORRY-53014-ET | 840003127269118 | | | | | | |
| RUANN GLEN CORRY-53068-ET | 840003127269172 | | | | | | |
| RUANN GLEN DREAM-80385 | USA 65280502 | C | | | | | 1 |
| RUANN GLEN ECHO-90081 | USA 66562265 | | | | | | |
| RUANN GLEN GALLARY-80753 | USA 65280870 | | | | | | |
| RUANN GLEN JEAN-81132 | USA 65281249 | | | | | | |
| RUANN GLEN PHOEBE-52959-ET | 840003127269063 | C | | | | | |
| RUANN GLI BAMSTAR-46178-TW | 840003126825539 | | | | | | |
| RUANN GLI BAMSTAR-46179-TW | 840003126825540 | | | | | | |
| RUANN GLIT CHARMER-45841-TW | 840003126825202 | | | | | | |
| RUANN GLIT CHARMER-45842-TW | 840003126825203 | | | | | | |
| RUANN GLITZ AILEEN-55955 | 840003133418735 | | | | | | |
| RUANN GLITZ ANDREA-45485 | 840003124683974 | | | | | | |
| RUANN GLITZ ANDREA-55875 | 840003133418655 | | | | | | |
| RUANN GLITZ ANISE-55630-TW | 840003133418410 | | | | | | |
| RUANN GLITZ ANISE-55631-TW | 840003133418411 | | | | | | |
| RUANN GLITZ BAMSTAR-46412 | 840003126825773 | | | | | | |
| RUANN GLITZ BESSIE-46027 | 840003126825388 | | | | | | |
| RUANN GLITZ CARRIE-55438 | 840003130274817 | | | | | | |
| RUANN GLITZ CHARITY-45519 | 840003126824880 | | | | | | |
| RUANN GLITZ CONDUCTOR-45710 | 840003126825071 | | | | | | |
| RUANN GLITZ CONSTANCE-51677 | 840003127267781 | | | | | | |
| RUANN GLITZ CONSTANCE-54954 | 840003130274333 | | | | | | |
| RUANN GLITZ CORY-56005 | 840003133418785 | | | | | | |
| RUANN GLITZ DAINTY-51627 | 840003127267731 | | | | | | |
| RUANN GLITZ DELUX-46436 | 840003126825797 | | | | | | |
| RUANN GLITZ DORINDA-45370 | 840003124683859 | C | | | | | |
| RUANN GLITZ DORINDA-52385 | 840003127268489 | | | | | | |
| RUANN GLITZ DOTTIE-51683 | 840003127267787 | C | | | | | |
| RUANN GLITZ ECHO-52217 | 840003127268321 | | | | | | |
| RUANN GLITZ ELLIE-45321 | 840003124683810 | | | | | | |
| RUANN GLITZ ELLIE-45749 | 840003126825110 | | | | | | |
| RUANN GLITZ ELLIE-51788 | 840003127267892 | | | | | | |
| RUANN GLITZ ELLIE-52209 | 840003127268313 | | | | | | |
| RUANN GLITZ ELLIE-52364 | 840003127268468 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GLITZ ENID-51693 | 840003127267797 | | | | | | |
| RUANN GLITZ FRAN-45803 | 840003126825164 | | | | | | |
| RUANN GLITZ GLORY-45813-TW | 840003126825174 | | | | | | |
| RUANN GLITZ GLORY-45814-TW | 840003126825175 | | | | | | |
| RUANN GLITZ GLORY-55500 | 840003130274879 | | | | | | |
| RUANN GLITZ HANDMAID-55332 | 840003130274711 | | | C | | | |
| RUANN GLITZ HAZELLE-51960 | 840003127268064 | | | | | | |
| RUANN GLITZ HELEN-56022 | 840003133418802 | | | | | | |
| RUANN GLITZ HOPE-46442 | 840003126825803 | | | | | | |
| RUANN GLITZ JANELL-45432 | 840003124683921 | | | | | | |
| RUANN GLITZ JEWELANNE-55231 | 840003130274610 | | | | | | |
| RUANN GLITZ JILLEY-45355 | 840003124683844 | | | | | | |
| RUANN GLITZ JOAN-46349 | 840003126825710 | | | | | | |
| RUANN GLITZ JOAN-52322 | 840003127268426 | | | | | | |
| RUANN GLITZ JOY-52087 | 840003127268191 | | | | | | |
| RUANN GLITZ KRISTA-46078 | 840003126825439 | | | | | | |
| RUANN GLITZ LASS-55701 | 840003133418481 | | | | | | |
| RUANN GLITZ LOLA-46126-TW | 840003126825487 | | | | | | |
| RUANN GLITZ LOLA-46127-TW | 840003126825488 | | | C | | | |
| RUANN GLITZ LULU-51743 | 840003127267847 | | | | | | |
| RUANN GLITZ MAPLE-52570 | 840003127268674 | | | | | | |
| RUANN GLITZ MELANIE-45858 | 840003126825219 | | | | | | |
| RUANN GLITZ MELANIE-52298 | 840003127268402 | | | | | | |
| RUANN GLITZ MEME-45587 | 840003126824948 | | | | | | |
| RUANN GLITZ MERLA-46136 | 840003126825497 | | | | | | |
| RUANN GLITZ MERLA-52260 | 840003127268364 | | | | | | |
| RUANN GLITZ MERLA-52347-TW | 840003127268451 | | | | | | |
| RUANN GLITZ MERLA-55370 | 840003130274749 | | | | | | |
| RUANN GLITZ MOLLY-46255 | 840003126825616 | | | | | | 1 |
| RUANN GLITZ MYRT-52295 | 840003127268399 | | | | | | |
| RUANN GLITZ POSCH-52016 | 840003127268120 | | | | | | |
| RUANN GLITZ ROSIE-45596 | 840003126824957 | | | | | | |
| RUANN GLITZ ROSILL-51968 | 840003127268072 | | | | | | |
| RUANN GLITZ ROXY-45384 | 840003124683873 | | C | | | | |
| RUANN GLITZ ROXY-55902 | 840003133418682 | | | | | | |
| RUANN GLITZ SACHSE-55547 | 840003133418327 | | | | | | |
| RUANN GLITZ SCARLET-45949 | 840003126825310 | | | | | | |
| RUANN GLITZ STAR-45461 | 840003124683950 | | | | | | |
| RUANN GLITZ SUGAR-51701 | 840003127267805 | | | | | | |
| RUANN GLITZ TALIA-55024 | 840003130274403 | | | | | | |
| RUANN GLITZ TAMMY-45404 | 840003124683893 | | | | | | |
| RUANN GLITZ TAUNA-45689 | 840003126825050 | | | | | | |
| RUANN GLITZ TAUNA-46019 | 840003126825380 | | | | | | |
| RUANN GLITZ TAUNA-46050 | 840003126825411 | | | | | | |
| RUANN GLITZ TAUNA-51724 | 840003127267828 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GLITZ TAUNA-51926 | 840003127268030 | | | | | | |
| RUANN GLITZ TAUNA-52017-TW | 840003127268121 | | | | | | |
| RUANN GLITZ TAUNA-52018-TW | 840003127268122 | | | | | | |
| RUANN GLITZ TAUNA-54908 | 840003130274287 | | | | | | |
| RUANN GLITZ TAUNA-55405 | 840003130274784 | | | | | | |
| RUANN GLITZ TAUNA-55792 | 840003133418572 | | | | | | |
| RUANN GLITZ THEORA-45353 | 840003124683842 | | | | | | |
| RUANN GLITZ TRIGGER-45437 | 840003124683926 | | | | | | |
| RUANN GLITZ TRINKET-56050 | 840003133418830 | | | | | | |
| RUANN GLITZ TRITOMIA-45453 | 840003124683942 | | | | | | |
| RUANN GLITZ VICKY-45352 | 840003124683841 | | | | | | |
| RUANN GLITZ WANDA-52211 | 840003127268315 | | | | | | |
| RUANN GLO DORINDA-42147-TW | 840003013922210 | | | | | | |
| RUANN GLO DORINDA-42148-TW | 840003013922211 | | | | | C | |
| RUANN GLO MELANIE-42200-TW | 840003013922263 | | | | | | |
| RUANN GLO MELANIE-42201-TW | 840003013922264 | | | | | | |
| RUANN GLOBE MELANIE-83761 | USA 66107209 | | | C | | | |
| RUANN GLORY AILEEN-43787 | 840003124682276 | | | | | | |
| RUANN GLORY AILEEN-44328 | 840003124682817 | | | | | | |
| RUANN GLORY AILEEN-44617 | 840003124683106 | | | | | | |
| RUANN GLORY ALLI-42324 | 840003013922387 | | | | | | |
| RUANN GLORY ALMA-42219 | 840003013922282 | | | | | | |
| RUANN GLORY ANDREA-43944 | 840003124682433 | | | | | C | |
| RUANN GLORY ANNA-43827 | 840003124682316 | | | | | | |
| RUANN GLORY ASHLEE-42178 | 840003013922241 | C | | | | | |
| RUANN GLORY BECKY-42131 | 840003013922194 | | | | | | |
| RUANN GLORY BECKY-42539 | 840003013922602 | | | | | | |
| RUANN GLORY BESSIE-42180 | 840003013922243 | | | | | | |
| RUANN GLORY BESSY-41948 | 840003013922011 | | | | | | |
| RUANN GLORY CARLA-44331 | 840003124682820 | | | | | | |
| RUANN GLORY CHARITY-42433 | 840003013922496 | | | | | | |
| RUANN GLORY CINDY-42242 | 840003013922305 | | | | | C | |
| RUANN GLORY COLISTA-45164 | 840003124683653 | | | | | C | |
| RUANN GLORY CONDUCTOR-41926 | 840003013921989 | | | | | C | |
| RUANN GLORY CONSTANCE-44224 | 840003124682713 | | | | | | 1 |
| RUANN GLORY CORRY-42239 | 840003013922302 | | | | | | |
| RUANN GLORY CORRY-42260 | 840003013922323 | | | | | | |
| RUANN GLORY CORRY-44093 | 840003124682582 | | | | | C | |
| RUANN GLORY CORRY-45358 | 840003124683847 | | | | | | |
| RUANN GLORY DELORA-41854-TW | 840003013921917 | | | | | | |
| RUANN GLORY DELORA-41855-TW | 840003013921918 | | | | | | |
| RUANN GLORY DINA-41541 | 840003013921604 | | | | | | |
| RUANN GLORY DORINDA-44308 | 840003124682797 | | | | | | |
| RUANN GLORY ECHO-42083 | 840003013922146 | | | | | | |
| RUANN GLORY ECHO-42325 | 840003013922388 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GLORY ELLA-42099 | 840003013922162 | | | | | C | |
| RUANN GLORY ELLA-44150 | 840003124682639 | | | | | | |
| RUANN GLORY ENID-41670 | 840003013921733 | | | | | | |
| RUANN GLORY GLORY-41950 | 840003013922013 | C | | | | C | |
| RUANN GLORY HELEN-43343 | 840003013923406 | | | | | | |
| RUANN GLORY JEAN-41637 | 840003013921700 | | | | | C | |
| RUANN GLORY JEAN-41851 | 840003013921914 | | | | | C | |
| RUANN GLORY JEAN-44059 | 840003124682548 | | | | | C | |
| RUANN GLORY JOY-42594 | 840003013922657 | | | | | C | |
| RUANN GLORY KIDD-41615 | 840003013921678 | | | | | C | |
| RUANN GLORY KINGPIN-42285 | 840003013922348 | | | | | | |
| RUANN GLORY LASS-44095 | 840003124682584 | | | | | C | |
| RUANN GLORY MAGIC-42051 | 840003013922114 | | | | | C | |
| RUANN GLORY MAXINE-43831 | 840003124682320 | | | | | | |
| RUANN GLORY MEGAN-43978 | 840003124682467 | | | | | | |
| RUANN GLORY MELANIE-55999 | 840003133418779 | | | | | C | |
| RUANN GLORY MERLA-41529 | 840003013921592 | | | | | C | |
| RUANN GLORY MERLA-42028 | 840003013922091 | | | | | C | |
| RUANN GLORY MERLA-44293 | 840003124682782 | | | | | C | |
| RUANN GLORY MILLIE-42241-TW | 840003013922304 | | | | | | |
| RUANN GLORY MILLIE-42243-TW | 840003013922306 | | | | | C | |
| RUANN GLORY MOLLY-43928 | 840003124682417 | | | | | | |
| RUANN GLORY NICOLE-41828-TW | 840003013921891 | | | | | | |
| RUANN GLORY NICOLE-41829-TW | 840003013921892 | | | | | | |
| RUANN GLORY NORAIN-41988-TW | 840003013922051 | | | | | | |
| RUANN GLORY NORAIN-42064 | 840003013922127 | | | | | | |
| RUANN GLORY NORAIN-42140 | 840003013922203 | | | | | C | |
| RUANN GLORY PAM-42170 | 840003013922233 | | | | | C | |
| RUANN GLORY PAM-44804 | 840003124683293 | | | | | C | |
| RUANN GLORY PARIS-42247 | 840003013922310 | | | | | C | |
| RUANN GLORY PAULYNE-42283 | 840003013922346 | | | | | C | |
| RUANN GLORY PEGGY-41972 | 840003013922035 | | | | | C | |
| RUANN GLORY PEGGY-41982 | 840003013922045 | | | | | C | |
| RUANN GLORY PHOEBE-43949 | 840003124682438 | | | | | | |
| RUANN GLORY POSCH-41673 | 840003013921736 | | | | | | |
| RUANN GLORY POSCH-43937 | 840003124682426 | | | | | | |
| RUANN GLORY ROSALYN-44501 | 840003124682990 | | | | | C | |
| RUANN GLORY SACHSE-41825-TW | 840003013921888 | | | | | C | |
| RUANN GLORY SACHSE-41826-TW | 840003013921889 | | | | | | |
| RUANN GLORY SANDY-44820 | 840003124683309 | | | | | | |
| RUANN GLORY SHEILA-41944 | 840003013922007 | | | | | C | |
| RUANN GLORY SILVA-41908 | 840003013921971 | C | | | | C | |
| RUANN GLORY SIMBA-43994 | 840003124682483 | | | | | C | |
| RUANN GLORY SUGAR-42087 | 840003013922150 | | | | | C | |
| RUANN GLORY SUGAR-42096 | 840003013922159 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GLORY TAUNA-41554 | 840003013921617 | | | | | C | |
| RUANN GLORY TAUNA-41679 | 840003013921742 | | | | | | |
| RUANN GLORY TAUNA-42192 | 840003013922255 | | | | | C | |
| RUANN GLORY TAUNA-42280 | 840003013922343 | C | | | | C | |
| RUANN GLORY TAUNA-44464 | 840003124682953 | | | | | | |
| RUANN GLORY TESS-42354 | 840003013922417 | | | | | | |
| RUANN GLORY TISH-44062 | 840003124682551 | | | | | C | |
| RUANN GLORY TRIBAL-42029 | 840003013922092 | | | | | | |
| RUANN GLORY TRINKET-44121 | 840003124682610 | | | | | | |
| RUANN GLORY VODKA-42156 | 840003013922219 | | | | | | |
| RUANN GLORY WHIM-41958 | 840003013922021 | | | | | | |
| RUANN GLORY WINNIE-55677 | 840003133418457 | | | | | C | |
| RUANN GLTZ KINGPIN-46458-TW | 840003126825819 | | | | | | |
| RUANN GLTZ KINGPIN-46459-TW | 840003126825820 | | | | | | |
| RUANN GOLD BONNIE-15057-ET | 840003009222794 | | | | | | 1 |
| RUANN GOLD C IRISH-34483-ET | 840003012219131 | | | | | | |
| RUANN GOLD C MERLA-22235-ET | 840003009641887 | | | | | | |
| RUANN GOLD C MERLA-22361-ET | 840003009642013 | | | C | | | |
| RUANN GOLD C MERLA-22399-ET | 840003009642051 | | | C | | | |
| RUANN GOLD C POSCH-22563-ET | 840003009642215 | | | | | | |
| RUANN GOLD C POSCH-22599-ET | 840003009642251 | | | | | | |
| RUANN GOLD CHARMER-40702-ET | 840003014226839 | | | | | | |
| RUANN GOLD CHARMER-44374-ET | 840003124682863 | | | | | | |
| RUANN GOLD DELLIA-36179-TW | 840003013920342 | | | | | | |
| RUANN GOLD GRACEY-35583 | 840003012220231 | | | | | | |
| RUANN GOLD MERLA-40986 | 840003014227123 | | | | | | |
| RUANN GOLDEN AIMEE-35884 | 840003012220532 | | | | | | |
| RUANN GOLDEN ANDREA-35413 | 840003012220061 | | | | | | |
| RUANN GOLDEN ANGELINA-35814 | 840003012220462 | | | | | | |
| RUANN GOLDEN ANNA-35816 | 840003012220464 | | | | | | |
| RUANN GOLDEN BARBARA-36569 | 840003013920732 | | | | | | |
| RUANN GOLDEN BETSY-35622 | 840003012220270 | | | | | | |
| RUANN GOLDEN BONNIE-36005 | 840003013920168 | | | | | | |
| RUANN GOLDEN CORRY-35063 | 840003012219711 | | | | | | |
| RUANN GOLDEN CORY-36536 | 840003013920699 | C | | | | | |
| RUANN GOLDEN DESI-36500 | 840003013920663 | | | | | | |
| RUANN GOLDEN DREAM-36102 | 840003013920265 | | | | | | |
| RUANN GOLDEN ECHO-35902 | 840003012220550 | | | | | | |
| RUANN GOLDEN FALLON-35800 | 840003012220448 | | | | | | |
| RUANN GOLDEN GLORY-41562 | 840003013921625 | | | | | | |
| RUANN GOLDEN HELEN-35711 | 840003012220359 | C | | | | | |
| RUANN GOLDEN JESSE-36126 | 840003013920289 | | | | | | |
| RUANN GOLDEN JOBETH-35317 | 840003012219965 | | | | | | |
| RUANN GOLDEN KARMA-35924 | 840003012220572 | | | | | | |
| RUANN GOLDEN KIDD-35342 | 840003012219990 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GOLDEN LASS-36572 | 840003013920735 | | | C | | | |
| RUANN GOLDEN LILY-36374 | 840003013920537 | | | | | | |
| RUANN GOLDEN MAIDEN-36046 | 840003013920209 | | | | | | |
| RUANN GOLDEN MARGO-35577 | 840003012220225 | | | | | | |
| RUANN GOLDEN MAY-36239 | 840003013920402 | | | | | | |
| RUANN GOLDEN MELANIE-35946 | 840003012220594 | | | | | | |
| RUANN GOLDEN MERLA-35219 | 840003012219867 | | | | | | |
| RUANN GOLDEN MERLA-35372 | 840003012220020 | C | | | | | |
| RUANN GOLDEN MERLA-35737 | 840003012220385 | | | | | | |
| RUANN GOLDEN MERLA-35752 | 840003012220400 | | | | | | |
| RUANN GOLDEN PAISLEY-35997 | 840003012220645 | | | | | | |
| RUANN GOLDEN PATIENCE-35350 | 840003012219998 | | | | | | |
| RUANN GOLDEN ROSALYN-35894 | 840003012220542 | | | | | | |
| RUANN GOLDEN SUGAR-35888 | 840003012220536 | | | | | | |
| RUANN GOLDEN TAUNA-36073 | 840003013920236 | | | | | | |
| RUANN GOLDEN TRIGGER-35525 | 840003012220173 | | | | | | |
| RUANN GOLDEN TRITOMIA-36490 | 840003013920653 | | | | | | |
| RUANN GOLDEN WINNIE-36154 | 840003013920317 | | | | | | |
| RUANN GOLDWYN JEAN-26326-ET | 840003011179653 | | | | | | |
| RUANN GOODYEAR HOPE-40370 | USA 61693445 | | | | | | |
| RUANN GRAN CONDUCTOR-44535 | 840003124683024 | | | | | | |
| RUANN GRAN JEWELANNE-43915 | 840003124682404 | | | | | | |
| RUANN GRAND CONDUCTOR-80802 | USA 65280919 | | | | | | |
| RUANN GRAND NORAIN-43740-TW | 840003124682229 | | | | | | |
| RUANN GRAND NORAIN-43741-TW | 840003124682230 | | | | | | |
| RUANN GRANDE AIIMEE-43917 | 840003124682406 | | | | | | |
| RUANN GRANDE ALMA-94258 | 840003005125226 | | | | | | |
| RUANN GRANDE ANDREA-44349 | 840003124682838 | | | | | | |
| RUANN GRANDE ANDREA-44516 | 840003124683005 | | | | | | |
| RUANN GRANDE ANGELA-43979 | 840003124682468 | | | | | | |
| RUANN GRANDE ANN-44000 | 840003124682489 | | | | | | |
| RUANN GRANDE ANNA-90702 | USA 66562886 | | | | | | |
| RUANN GRANDE BAMSTAR-44269 | 840003124682758 | | | | | | 1 |
| RUANN GRANDE BAMSTAR-44404 | 840003124682893 | | | | | | |
| RUANN GRANDE BESSIE-44185 | 840003124682674 | | | | | | |
| RUANN GRANDE CHERRY-81061 | USA 65281178 | | | | | | |
| RUANN GRANDE CORRY-43820 | 840003124682309 | | | | | | |
| RUANN GRANDE DANCER-44103 | 840003124682592 | | | | | | 1 |
| RUANN GRANDE DIAMOND-43849 | 840003124682338 | | | | | | |
| RUANN GRANDE ECHO-44014 | 840003124682503 | | | | | | |
| RUANN GRANDE ELLIE-44237 | 840003124682726 | | | | | | |
| RUANN GRANDE FOBES-44133 | 840003124682622 | | | | | | |
| RUANN GRANDE GLORY-44574 | 840003124683063 | | | | | | 1 |
| RUANN GRANDE GLORY-94023 | 840003005124991 | | | | | | |
| RUANN GRANDE HANNAH-44401 | 840003124682890 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GRANDE INA-80980 | USA 65281097 | | | | | | |
| RUANN GRANDE IRLYNN-44662 | 840003124683151 | | | | | | |
| RUANN GRANDE JANA-94097 | 840003005125065 | | | | | | |
| RUANN GRANDE JANELL-45029 | 840003124683518 | | | | | | |
| RUANN GRANDE JEAN-44035-TW | 840003124682524 | | | | | | |
| RUANN GRANDE JEAN-44036-TW | 840003124682525 | | | | | | |
| RUANN GRANDE JEAN-44241 | 840003124682730 | | | | | | |
| RUANN GRANDE KIDD-44579 | 840003124683068 | | | | | | |
| RUANN GRANDE MERLA-46159 | 840003126825520 | | | | | | |
| RUANN GRANDE MERLA-80824-TW | USA 65280941 | | | | | | |
| RUANN GRANDE NORAIN-94215 | 840003005125183 | C | | | | | |
| RUANN GRANDE PHYLLIS-44107 | 840003124682596 | | | | | | |
| RUANN GRANDE PRISSY-43852 | 840003124682341 | | | | | | |
| RUANN GRANDE RAVEN-43841 | 840003124682330 | | | | | | |
| RUANN GRANDE ROSALYN-44024 | 840003124682513 | | | | | | |
| RUANN GRANDE ROSIE-44334 | 840003124682823 | | | | | | |
| RUANN GRANDE SHARANN-94301 | 840003005125269 | | | | | | |
| RUANN GRANDE SKYLARK-43923 | 840003124682412 | | | | | | |
| RUANN GRANDE TAUNA-44388 | 840003124682877 | | | | | | |
| RUANN GRANDE TAUNA-44392 | 840003124682881 | | | | | | |
| RUANN GRANDE TAUNA-81201 | USA 65281318 | | | | | | |
| RUANN GRANDE TONI-44330 | 840003124682819 | | | | | | |
| RUANN GRANDE VOGUE-43989 | 840003124682478 | | | | | | |
| RUANN GRANDE WENONA-44251 | 840003124682740 | | | | | | |
| RUANN GRATEFUL-83343-ET | USA 65980559 | | | | | | |
| RUANN GRATEFUL-90270-ET | USA 66562454 | | | | | | |
| RUANN GRAY ANN-91317-ET | USA 69017519 | | | | | | |
| RUANN GRAY BESSY-24983-ET | 840003010368580 | | | | | | |
| RUANN GRAY BONNIE-34885-ET | 840003012219533 | | | | | | |
| RUANN GRAY BONNIE-35519-ET | 840003012220167 | | | | | | |
| RUANN GRAY POSCH-95223-ET | 840003006193249 | C | | | | | |
| RUANN GRAYBIL ECHO-91278-ET | USA 69017480 | | | | | | |
| RUANN GRAYBIL IVORY-5500-ET | 840003004671889 | | | | | | |
| RUANN GREAT DREAM-54681-ET | 840003130274060 | | | | | | |
| RUANN GREAT KIDD-84393 | USA 66230444 | | | | | | |
| RUANN GREAT SEMORE-84819 | USA 66362434 | C | | | | | |
| RUANN GREEN BESSY-51965-ET | 840003127268069 | | | | | | |
| RUANN GREEN BESSY-51999-ET | 840003127268103 | | | | | | |
| RUANN GREEN BLUNO-46115-ET | 840003126825476 | | | | | | |
| RUANN GREENWAY MERLA-41194 | 840003014227331 | | | | | | |
| RUANN GREER ALMA-46330 | 840003126825691 | C | | | | | |
| RUANN GREER ALMA-55141 | 840003130274520 | | | | | | |
| RUANN GREER ANDREA-52267 | 840003127268371 | | | | | | |
| RUANN GREER ANN-55663 | 840003133418443 | | | | | | |
| RUANN GREER ANNA-45410-TW | 840003124683899 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GREER ANNA-45411-TW | 840003124683900 | | | | | | |
| RUANN GREER ANNA-55626 | 840003133418406 | | | | | | |
| RUANN GREER ANNA-55795 | 840003133418575 | | | | | | |
| RUANN GREER ANNA-56275 | 840003133419055 | | | | | | |
| RUANN GREER BATIK-53483 | 840003127269587 | | | | | | |
| RUANN GREER BECKY-45912 | 840003126825273 | | | | | | |
| RUANN GREER BESSY-45545 | 840003126824906 | C | | | | | |
| RUANN GREER BONNIE-45569 | 840003126824930 | | | | | | |
| RUANN GREER BONNIE-53337 | 840003127269441 | | | | | | |
| RUANN GREER BRISA-56367 | 840003133419147 | | | | | | |
| RUANN GREER CAROL-46148 | 840003126825509 | | | | | | |
| RUANN GREER CLORISSA-55170 | 840003130274549 | | | | | | |
| RUANN GREER CLOVER-45991 | 840003126825352 | | | | | | |
| RUANN GREER CONSTANCE-51685 | 840003127267789 | | | | | | |
| RUANN GREER DELORE-46216 | 840003126825577 | | | | | | |
| RUANN GREER DEMAND-55690 | 840003133418470 | | | | | | |
| RUANN GREER DESI-51532 | 840003127267636 | | | | | | |
| RUANN GREER DINA-45906 | 840003126825267 | C | | | | | |
| RUANN GREER DORINDA-53334 | 840003127269438 | | | | | | |
| RUANN GREER DORINDA-53762 | 840003130273141 | | | | | | |
| RUANN GREER DOTTIE-46421-TW | 840003126825782 | | | | | | |
| RUANN GREER DOTTIE-46422-TW | 840003126825783 | | | | | | |
| RUANN GREER DUSTER-46226 | 840003126825587 | | | | | | |
| RUANN GREER ECHO-55493 | 840003130274872 | | | | | C | |
| RUANN GREER ELLA-51515 | 840003127267619 | | | | | | |
| RUANN GREER EMBER-45536 | 840003126824897 | | | | | | |
| RUANN GREER FOBES-51528 | 840003127267632 | | | | | | |
| RUANN GREER GLORY-46291 | 840003126825652 | | | | | | |
| RUANN GREER GLORY-55360 | 840003130274739 | | | | | | |
| RUANN GREER GLORY-61565 | 840003133419345 | | | | | | |
| RUANN GREER HANDMAID-51556 | 840003127267660 | | | | | | |
| RUANN GREER HAPPY-46020 | 840003126825381 | | | | | | |
| RUANN GREER HEATHER-52001 | 840003127268105 | C | | | | | |
| RUANN GREER HELEN-46266 | 840003126825627 | | | | | | |
| RUANN GREER IMARA-45748 | 840003126825109 | | | | | | |
| RUANN GREER JEANETTA-56136 | 840003133418916 | | | | | | |
| RUANN GREER KIDD-53089 | 840003127269193 | | | | | | |
| RUANN GREER KINGPIN-55695 | 840003133418475 | | | | | | |
| RUANN GREER LASS-52461 | 840003127268565 | | | | | | |
| RUANN GREER LUCY-46250 | 840003126825611 | | | | | | |
| RUANN GREER MAIDEN-53208 | 840003127269312 | | | | | | |
| RUANN GREER MARINA-55195 | 840003130274574 | | | | | | |
| RUANN GREER MEGAN-52656 | 840003127268760 | | | | | | |
| RUANN GREER MELANIE-46298 | 840003126825659 | | | | | | |
| RUANN GREER MELANIE-56360 | 840003133419140 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GREER MERLA-45652 | 840003126825013 | | | | | | |
| RUANN GREER MERLA-52478 | 840003127268582 | | | | | | |
| RUANN GREER MERLA-55325 | 840003130274704 | | | | | | |
| RUANN GREER MERLA-55466 | 840003130274845 | C | | | | | |
| RUANN GREER MILA-45851 | 840003126825212 | | | | | | |
| RUANN GREER MINNIE-53894 | 840003130273273 | | | | | | |
| RUANN GREER MOLLY-52344 | 840003127268448 | | | | | | |
| RUANN GREER NETTIE-52975 | 840003127269079 | | | | | | 1 |
| RUANN GREER PAIGE-51621 | 840003127267725 | | | | | | |
| RUANN GREER PARIS-52761 | 840003127268865 | | | | | | |
| RUANN GREER POSCH-50226 | 840003127758980 | | | | | | |
| RUANN GREER POSCH-52039 | 840003127268143 | | | | | | |
| RUANN GREER POSCH-52586 | 840003127268690 | | | | | | |
| RUANN GREER RUBY-53731 | 840003130273110 | | | | | | |
| RUANN GREER SACHSE-56172 | 840003133418952 | | | | | | |
| RUANN GREER SCARLET-46363 | 840003126825724 | | | | | | |
| RUANN GREER SCHAR-55404 | 840003130274783 | | | | | | |
| RUANN GREER SEWELL-46171 | 840003126825532 | C | | | | | |
| RUANN GREER STELLA-52273 | 840003127268377 | | | | | | |
| RUANN GREER SUGAR-45324 | 840003124683813 | | | | | | |
| RUANN GREER SUGAR-53246 | 840003127269350 | | | | | | |
| RUANN GREER SUKI-46299 | 840003126825660 | | | | | | |
| RUANN GREER TAUNA-46023 | 840003126825384 | | | | | | |
| RUANN GREER TAUNA-46211 | 840003126825572 | | | | | | |
| RUANN GREER TAUNA-46234 | 840003126825595 | | | | | | |
| RUANN GREER TAUNA-55145 | 840003130274524 | | | | | | |
| RUANN GREER TEMPEST-46236 | 840003126825597 | | | | | | |
| RUANN GREER VICKY-51734 | 840003127267838 | | | | | | |
| RUANN GROTO MERLA-83443 | USA 66022111 | | | | | | |
| RUANN GROTO-83475 | USA 66022137 | | | | | | |
| RUANN GULF ALLI-36430-ET | 840003013920593 | | | | | | |
| RUANN GULF ALMA-43641-ET | 840003124682130 | | | | | | |
| RUANN GULF ALMA-43650-ET | 840003124682139 | | | | | | |
| RUANN GULF ALMA-43677-ET | 840003124682166 | | | | | | |
| RUANN GULF ALMA-44637-ET | 840003124683126 | | | | | | |
| RUANN GULF DORINDA-36233-ET | 840003013920396 | | | | | | |
| RUANN GULF DORINDA-36291-ET | 840003013920454 | | | | | | |
| RUANN GULF DORINDA-43263-ET | 840003013923326 | | | | | | |
| RUANN GULF DORINDA-43321-ET | 840003013923384 | | | | | | |
| RUANN GULF DREAM-41763-ET | 840003013921826 | | | | | | 1 |
| RUANN GULF DREAM-41836-ET | 840003013921899 | C | | | | | |
| RUANN GULF DREAM-43654-ET | 840003124682143 | C | | | | | 1 |
| RUANN GULF ECHO-42916-ET | 840003013922979 | | | | | | |
| RUANN GULF ECHO-43024-ET | 840003013923087 | | | | | | |
| RUANN GULF ECHO-43032-ET | 840003013923095 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GULF ECHO-43112-ET | 840003013923175 | | | | | | |
| RUANN GULF ECHO-45896-ET | 840003126825257 | | | | | | |
| RUANN GULF ECHO-55720-ET | 840003133418500 | | | | | | |
| RUANN GULF GLORY-36072-ET | 840003013920235 | | | | | | |
| RUANN GULF GLORY-36090-ET | 840003013920253 | | | | | | |
| RUANN GULF GLORY-36110-ET | 840003013920273 | | | | | | |
| RUANN GULF GLORY-36116-ET | 840003013920279 | | | | | | |
| RUANN GULF JEAN-41702-ET | 840003013921765 | | | | | | |
| RUANN GULF JEAN-41737-ET | 840003013921800 | C | | | | | |
| RUANN GULF JEAN-41754-ET | 840003013921817 | C | | | | | |
| RUANN GULF LANELLE-40249 | 840003014226386 | | | C | | | |
| RUANN GULF MERLA-40690 | 840003014226827 | | | | | | |
| RUANN GULF MERLA-43539-ET | 840003124682028 | | | | | | |
| RUANN GULF MERLA-43593-ET | 840003124682082 | | | | | | |
| RUANN GULF MERLA-43600-ET | 840003124682089 | | | | | | |
| RUANN GULF TAUNA-44969-ET | 840003124683458 | | | C | | | |
| RUANN GULF TAUNA-45073-ET | 840003124683562 | | | C | | | |
| RUANN GUSTO ANDREA-62112 | 840003133419892 | | | | | | |
| RUANN GUSTO ANDREA-62307 | 840003133420087 | | | | | | |
| RUANN GUSTO ANGELINA-55817 | 840003133418597 | | | | | | |
| RUANN GUSTO ANNA-56086 | 840003133418866 | | | | | | |
| RUANN GUSTO BELLA-61754 | 840003133419534 | | | | | | |
| RUANN GUSTO BONNIE-62179 | 840003133419959 | | | | | | |
| RUANN GUSTO CORAL-55759-TW | 840003133418539 | | | | | | |
| RUANN GUSTO CORAL-55760-TW | 840003133418540 | | | | | | |
| RUANN GUSTO CORRY-55728 | 840003133418508 | | | | | | |
| RUANN GUSTO DORINDA-55362 | 840003130274741 | | | | | | |
| RUANN GUSTO GAIL-54588 | 840003130273967 | | | | | | |
| RUANN GUSTO GLORY-55776 | 840003133418556 | | | | | | |
| RUANN GUSTO GLORY-55789 | 840003133418569 | | | | | | |
| RUANN GUSTO HAPPY-54869 | 840003130274248 | | | | | | |
| RUANN GUSTO LASS-56129 | 840003133418909 | | | | | | |
| RUANN GUSTO LOLA-54843 | 840003130274222 | | | | | | |
| RUANN GUSTO LOLA-62053 | 840003133419833 | | | | | | |
| RUANN GUSTO MACIE-61713 | 840003133419493 | | | | | | |
| RUANN GUSTO MERLA-54366 | 840003130273745 | | | | | | |
| RUANN GUSTO MERLA-54452 | 840003130273831 | | | | | | |
| RUANN GUSTO MERLA-54832 | 840003130274211 | | | | | | |
| RUANN GUSTO MERLA-55252 | 840003130274631 | | | | | | |
| RUANN GUSTO MERLA-62158 | 840003133419938 | | | | | | |
| RUANN GUSTO MESA-54510 | 840003130273889 | C | | | | | |
| RUANN GUSTO MOLLY-54606 | 840003130273985 | | | | | | |
| RUANN GUSTO MONA-61884 | 840003133419664 | | | | | | |
| RUANN GUSTO PAIGE-55810 | 840003133418590 | | | | | | |
| RUANN GUSTO PAM-62131 | 840003133419911 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GUSTO PATCHES-55731 | 840003133418511 | | | C | | | |
| RUANN GUSTO PAULINE-54649 | 840003130274028 | | | | | | |
| RUANN GUSTO PRIMA-62232 | 840003133420012 | | | | | | |
| RUANN GUSTO ROSALYN-62258 | 840003133420038 | | | | | | |
| RUANN GUSTO TAUNA-55732 | 840003133418512 | | | | | | |
| RUANN GUSTO TEMPEST-56405 | 840003133419185 | | | | | | |
| RUANN GUSTO TESS-54612 | 840003130273991 | | | | | | |
| RUANN GUSTO VOGUE-55327 | 840003130274706 | | | | | | |
| RUANN GUTH DORINDA-33580-ET | 840003012218228 | | | | | | |
| RUANN GUTH DORINDA-35260-ET | 840003012219908 | | | | | | |
| RUANN GUTH DORINDA-35266-ET | 840003012219914 | | | | | | |
| RUANN GUTH DORINDA-35298-ET | 840003012219946 | | | | | | |
| RUANN GUTH DORINDA-41862-ET | 840003013921925 | | | | | | |
| RUANN GUTH SHENNA-51934-ET | 840003127268038 | | | C | | | |
| RUANN GUTH SHENNA-51942-ET | 840003127268046 | | | | | | |
| RUANN GUTH SHENNA-52027-ET | 840003127268131 | | | C | | | |
| RUANN GUTHR SHENNA-42816-ET | 840003013922879 | | | | | | |
| RUANN GUTHR SHENNA-42830-ET | 840003013922893 | | | | | | |
| RUANN GUTHR SHENNA-42871-ET | 840003013922934 | | | | | | |
| RUANN GUTHR SHENNA-42877-ET | 840003013922940 | | | C | | | |
| RUANN GUTHR SHENNA-42882-ET | 840003013922945 | | | C | | | |
| RUANN GUTHR SHENNA-42894-ET | 840003013922957 | | | C | | | |
| RUANN GUTHR SHENNA-42960-ET | 840003013923023 | | | | | | |
| RUANN GUTHRI ELLIE-24981-ET | 840003010368578 | | | | | | |
| RUANN GUTHRI ELLIE-45853-ET | 840003126825214 | | | | | | |
| RUANN GUTHRI ELLIE-45888-ET | 840003126825249 | | | | | | |
| RUANN GUTHRI GLORY-42033-ET | 840003013922096 | | | | | | |
| RUANN GUTHRI PEGGY-41649-ET | 840003013921712 | | | | | | |
| RUANN GUTHRI SHEEN-44342-ET | 840003124682831 | | | | | | |
| RUANN GUTHRIE ALLI-34247-ET | 840003012218895 | | | | | | |
| RUANN GUTHRIE ANN-36579-ET | 840003013920742 | | | | | | |
| RUANN GUTHRIE ANN-36583-ET | 840003013920746 | | | | | | |
| RUANN GUTHRIE ANN-41555-ET | 840003013921618 | | | | | | |
| RUANN GUTHRIE ANNA-42196-ET | 840003013922259 | | | | | | |
| RUANN GUTHRIE ANNA-42214-ET | 840003013922277 | | | | | | |
| RUANN GUTHRIE ANNA-43191-ET | 840003013923254 | | | | | | |
| RUANN GUTHRIE ECHO-36098-ET | 840003013920261 | | | | | | |
| RUANN GUTHRIE ECHO-36169-ET | 840003013920332 | | | | | | |
| RUANN GUTHRIE ECHO-36174-ET | 840003013920337 | | | | | | |
| RUANN GUTHRIE ECHO-41860-ET | 840003013921923 | | | | | | |
| RUANN GUTHRIE ECHO-41861-ET | 840003013921924 | | | | | | |
| RUANN GUTHRIE JEAN-35820-ET | 840003012220468 | | | | | | |
| RUANN GUTHRIE JEAN-35857-ET | 840003012220505 | | | | | | |
| RUANN GUTHRIE JEAN-35921-ET | 840003012220569 | | | | | | |
| RUANN GUTHRIE JEAN-36141-ET | 840003013920304 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GUTHRIE JEAN-36167-ET | 840003013920330 | C | | | | | |
| RUANN GUTHRIE JEAN-36178-ET | 840003013920341 | C | | | | | |
| RUANN GUTHRIE JEAN-51589-ET | 840003127267693 | C | | | | | |
| RUANN GUTHRIE JEAN-51651-ET | 840003127267755 | C | | | | | |
| RUANN GUTHRIE LOLA-43108-ET | 840003013923171 | | | | | | |
| RUANN GUTHRIE PAM-36257-ET | 840003013920420 | | | | | | |
| RUANN GUTHRIE PAM-36261-ET | 840003013920424 | | | | | | |
| RUANN GW AT BONNIE-35691-ET | 840003012220339 | | | | | | |
| RUANN GW AT BONNIE-35709-ET | 840003012220357 | | | | | | |
| RUANN GW AT BONNIE-43786-ET | 840003124682275 | | | | | | |
| RUANN GW AT BONNIE-43803-ET | 840003124682292 | | | | | | |
| RUANN GW AT BONNIE-43806-ET | 840003124682295 | | | | | | |
| RUANN GW AT BONNIE-44384-ET | 840003124682873 | | | | | | |
| RUANN GW AT BONNIE-44398-ET | 840003124682887 | | | | | | |
| RUANN GW AT BONNIE-44983-ET | 840003124683472 | | | | | | 1 |
| RUANN GW AT BONNIE-44990-ET | 840003124683479 | | | | | | 1 |
| RUANN GW AT BONNIE-45033-ET | 840003124683522 | | | | | | 1 |
| RUANN GW AT BONNIE-45116-ET | 840003124683605 | | | | | | |
| RUANN GW AT BONNIE-45392-ET | 840003124683881 | | | | | | |
| RUANN GW AT BONNIE-45424-ET | 840003124683913 | | | | | | |
| RUANN GW AT BONNIE-45442-ET | 840003124683931 | | | | | | |
| RUANN GW AT BONNIE-45460-ET | 840003124683949 | | | | | | |
| RUANN GW AT BONNIE-45467-ET | 840003124683956 | | | | | | |
| RUANN GW AT BONNIE-45498-ET | 840003124683987 | | | | | | |
| RUANN GW AT BONNIE-50160 | 840003127758914 | | | | | | |
| RUANN GW AT BONNIE-53157-ET | 840003127269261 | | | | | | 1 |
| RUANN GW AT BONNIE-53210-ET | 840003127269314 | | | | | | 1 |
| RUANN GW AT BONNIE-53216-ET | 840003127269320 | | | | | | 1 |
| RUANN GW AT BONNIE-54823-ET | 840003130274202 | | | | | | |
| RUANN GW AT DEMAND-55443-ET | 840003130274822 | C | | | | | |
| RUANN GW AT ECHO-50026 | 840003127758780 | | | | | | |
| RUANN GW AT KRISTA-36377-ET | 840003013920540 | | | | | | |
| RUANN GW AT KRISTA-42394-ET | 840003013922457 | | | | | | |
| RUANN GW AT KRISTA-42508-ET | 840003013922571 | | | | | | |
| RUANN GW AT KRISTA-42585-ET | 840003013922648 | | | | | | |
| RUANN GW AT KRISTA-42596-ET | 840003013922659 | | | | | | |
| RUANN GW AT KRISTA-51994-ET | 840003127268098 | | | | | | |
| RUANN GW AT KRISTA-52061-ET | 840003127268165 | | | | | | |
| RUANN GW AT KRISTA-52070-ET | 840003127268174 | | | | | | |
| RUANN GW AT KRISTA-52092-ET | 840003127268196 | | | | | | |
| RUANN GW AT PHOEBE-44642-ET | 840003124683131 | | | | | | |
| RUANN GW AT PHOEBE-44722-ET | 840003124683211 | | | | | | |
| RUANN GW AT PHOEBE-44755-ET | 840003124683244 | | | | | | |
| RUANN GW AT ROXY-50193-ET | 840003127758947 | | C | | | | |
| RUANN GW AT SACHSE-45286-ET | 840003124683775 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN GW AT SACHSE-45296-ET | 840003124683785 | | | | | | |
| RUANN GW AT SACHSE-45333-ET | 840003124683822 | | | | | | |
| RUANN GW AT SACHSE-45340-ET | 840003124683829 | | | | | | |
| RUANN GW AT SHENNA-35396-ET | 840003012220044 | | | C | | | |
| RUANN GW AT SHENNA-35403-ET | 840003012220051 | | | | | | |
| RUANN GW AT SHENNA-35430-ET | 840003012220078 | | | | | | |
| RUANN GW AT SHENNA-41973-ET | 840003013922036 | | | | | | |
| RUANN GW AT SHENNA-41992-ET | 840003013922055 | | | | | | |
| RUANN GW AT SHENNA-53331-ET | 840003127269435 | | | | | | |
| RUANN GW AT SHENNA-54215-ET | 840003130273594 | | | C | | | |
| RUANN GW AT SHENNA-54260-ET | 840003130273639 | | | | | | |
| RUANN GW AT SHENNA-54337-ET | 840003130273716 | | | | | | |
| RUANN GW DORINDA-36075-ET | 840003013920238 | | | | | | |
| RUANN GW DORINDA-45281-ET | 840003124683770 | | | | | | |
| RUANN GW DORINDA-45291-ET | 840003124683780 | | | | | | |
| RUANN H-LINER ANDREA-30845 | 840003011580133 | | | | | | |
| RUANN H-LINER JEAN-30876-ET | 840003011580164 | | | | | | |
| RUANN H-LINER MERLA-30453 | 840003011579741 | | | | | | |
| RUANN H-LINER TAUNA-30431 | 840003011579719 | | | | | | |
| RUANN HEAD POSCH-33182-ET | 840003011524150 | | | | | | |
| RUANN HEADLI ANNA-35358-ET | 840003012220006 | | | | | | |
| RUANN HEADLI ANNA-35381-ET | 840003012220029 | | | | | | |
| RUANN HEADLI BETSY-36235-ET | 840003013920398 | | | | | | |
| RUANN HEADLI BETSY-36307-ET | 840003013920470 | | | | | | |
| RUANN HEADLI ECHO-34503-ET | 840003012219151 | | | | | | |
| RUANN HEADLI MERLA-33260-ET | 840003011524228 | | | | | | |
| RUANN HEADLI MERLA-33286-ET | 840003011524254 | | | | | | |
| RUANN HEADLI MERLA-33299-ET | 840003011524267 | | | | | | |
| RUANN HEADLI MERLA-33461-ET | 840003011524429 | C | | | | | |
| RUANN HEADLI MERLA-33480-ET | 840003011524448 | | | | | | |
| RUANN HEADLI MERLA-33486-ET | 840003011524454 | C | | | | | |
| RUANN HEADLI MERLA-35560-ET | 840003012220208 | | | | | | |
| RUANN HEADLI MERLA-45761-ET | 840003126825122 | | | | | | |
| RUANN HECTOR DELUX-84820 | USA 66362435 | | | | | | |
| RUANN HECTOR GRATEFUL-84815 | USA 66362430 | | | | | | |
| RUANN HECTOR MERLA-84220-TW | USA 66171776 | | | | | | |
| RUANN HECTOR TILLIE-84843 | USA 66362448 | | | | | | |
| RUANN HEFTY JESSE-42337-ET | 840003013922400 | | | | | | |
| RUANN HEFTY JESSE-42364-ET | 840003013922427 | | | | | | |
| RUANN HELITROP 60510 | USA 62726793 | | | | | | |
| RUANN HELITROP ECHO-60212 | USA 62726495 | | | | | | |
| RUANN HELITROP JEAN-60974 | USA 62727257 | C | | | | | |
| RUANN HERO BONNIE-32735-ET | 840003011523703 | | | | | | |
| RUANN HERO HELEN-34007-ET | 840003012218655 | | | | | | |
| RUANN HERO LOLA-20856-ET | 840003009754578 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN HERO MERLA-35064-ET | 840003012219712 | | | | | | |
| RUANN HERO PAIGE-32418-ET | 840003011523386 | | | | | | |
| RUANN HERO PEGGY-30631-ET | 840003011579919 | | | | | | |
| RUANN HERO PEGGY-35830-ET | 840003012220478 | | | | | | |
| RUANN HI JEWELANNE-46086-ET | 840003126825447 | | | | C | | |
| RUANN HIGHHOPE TAUNA-64638 | USA 63583444 | | | | | | |
| RUANN HIGHLIGHT PAM-90970 | USA 60062827 | | | | | | |
| RUANN HIGHOPE TRISH-63724 | USA 63347090 | | | | | | |
| RUANN HILL GLORY-40923 | 840003014227060 | | | | | | |
| RUANN HILL POSCH-40666-ET | 840003014226803 | | | | | | |
| RUANN HISTORY ANN-44400-ET | 840003124682889 | | | | C | | |
| RUANN HISTORY JEAN-44013-ET | 840003124682502 | | | | C | | |
| RUANN HLINER POSCH-30358-ET | 840003011579646 | | | | | | |
| RUANN HMC ROSALYN-84452-ET | USA 124894411 | | | | | | |
| RUANN HOLI CHARMER-90429 | USA 66562613 | | | | | | |
| RUANN HOLIEST ELA-90517-TW | USA 66562701 | | | | | | |
| RUANN HOLIEST GLORY-90372 | USA 66562556 | | | | | | |
| RUANN HOLIEST KATHY-90428 | USA 66562612 | | | | | | |
| RUANN HOLIEST MAGIC-90503 | USA 66562687 | | | | | | |
| RUANN HOLIEST MAGIC-90532 | USA 66562716 | | | | | | |
| RUANN HOLIS BELVEDERE-93546 | 840003005124514 | | | | | | |
| RUANN HOLIST BECKY-93647 | 840003005124615 | | | | | | |
| RUANN HOLIST DELUX-93487 | 840003005124455 | | | | | | 1 |
| RUANN HOLIST ELLIE-93477 | 840003005124445 | | | | | | |
| RUANN HOLIST HELEN-93570 | 840003005124538 | | | | | | |
| RUANN HOLIST MELANIE-93514 | 840003005124482 | | | | | | |
| RUANN HOLIST MERLA-93592 | 840003005124560 | | | | | | |
| RUANN HOLIST ROXY-93632 | 840003005124600 | | | | | | |
| RUANN HOLIST SHARON-93550 | 840003005124518 | | | | | | |
| RUANN HOLIST-93426 | 840003005124394 | | | | | | |
| RUANN HOLIST-93522 | 840003005124490 | | | | | | 1 |
| RUANN HOWI MELANIE-53122-ET | 840003127269226 | C | | | | | |
| RUANN HOWIE ODEANA-53486-ET | 840003127269590 | C | | | | | |
| RUANN HOWIE ODEANA-53529-ET | 840003130272908 | C | | | | | |
| RUANN HYD DORINDA-42577-ET | 840003013922640 | | | | | | |
| RUANN IMP DORINDA-41939-ET | 840003013922002 | | | | | | |
| RUANN IMP GRATEFUL-43063-ET | 840003013923126 | | | | | | |
| RUANN IMP TRINKET-42482-ET | 840003013922545 | | | | | | |
| RUANN IMPR DORINDA-42035-ET | 840003013922098 | | | | | | |
| RUANN IMPR TRINKET-42584-ET | 840003013922647 | | | | | | 1 |
| RUANN IMPR TRINKET-42591-ET | 840003013922654 | | | | | | |
| RUANN IMPR TRINKET-42977-ET | 840003013923040 | | | | | | |
| RUANN IMPR TRINKET-43079-ET | 840003013923142 | | | | | | |
| RUANN IMPRE BONNIE-43226-ET | 840003013923289 | | | | | | |
| RUANN IMPRE BONNIE-43269-ET | 840003013923332 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN IMPRES ELLIE-53043-ET | 840003127269147 | | | | | | |
| RUANN IMPRES GLORY-42933-ET | 840003013922996 | | | | | | |
| RUANN IMPRES GLORY-44874-ET | 840003124683363 | | | | | | |
| RUANN IMPRES HELEN-43260-ET | 840003013923323 | | | | | | |
| RUANN IMPRES MERLA-42195-ET | 840003013922258 | | | | | | |
| RUANN IMPRES MERLA-42199-ET | 840003013922262 | | | | | | |
| RUANN IMPRES MERLA-42204-ET | 840003013922267 | | | | | | |
| RUANN IMPRES MERLA-42264-ET | 840003013922327 | | | | | | |
| RUANN IMPRES MERLA-42269-ET | 840003013922332 | | | | | | |
| RUANN IMPRES MERLA-52031-ET | 840003127268135 | | | | | | |
| RUANN IMPRES MERLA-52904-ET | 840003127269008 | | | | | | |
| RUANN IMPRES MERLA-52921-ET | 840003127269025 | | | | | | |
| RUANN IMPRES MERLA-52926-ET | 840003127269030 | | | | | | |
| RUANN IMPRES MERLA-52944-ET | 840003127269048 | | | | | | |
| RUANN IMPRES MERLA-52946-ET | 840003127269050 | | | | | | |
| RUANN IMPRES MERLA-52950-ET | 840003127269054 | | | | | | |
| RUANN IMPRESIO ANN-52325-ET | 840003127268429 | | | | | | |
| RUANN IMPRESS JEAN-42829-ET | 840003013922892 | C | | | | | |
| RUANN IMPRESS JEAN-42860-ET | 840003013922923 | | | | | | |
| RUANN IMPRESS JEAN-45887-ET | 840003126825248 | | | | | | |
| RUANN INPUT ACCENT-35955 | 840003012220603 | | | | | C | |
| RUANN INPUT ASTRID-35568 | 840003012220216 | | | | | C | |
| RUANN INPUT CHARITY-35154 | 840003012219802 | | | | | | |
| RUANN INPUT CONSTANCE-35328 | 840003012219976 | | | | | C | |
| RUANN INPUT EMBER-36431 | 840003013920594 | | | | | | |
| RUANN INPUT IVORY-35885 | 840003012220533 | | | | | C | |
| RUANN INPUT JANET-36095 | 840003013920258 | | | | | C | |
| RUANN INPUT MERLA-35494 | 840003012220142 | | | | | | |
| RUANN INPUT MERLA-35747 | 840003012220395 | | | | | C | |
| RUANN INPUT ROSALYN-35950 | 840003012220598 | | | | | | |
| RUANN IOTA ALMA-45344-ET | 840003124683833 | | | | | | |
| RUANN IOTA ALMA-45365-ET | 840003124683854 | | | | | | |
| RUANN IOTA ALMA-45389-ET | 840003124683878 | | | | | | |
| RUANN IOTA ALMA-45421-ET | 840003124683910 | | | | | | |
| RUANN IOTA ALMA-45431-ET | 840003124683920 | | | | | | |
| RUANN IOTA ANNA-52714-ET | 840003127268818 | | | | | | |
| RUANN IOTA ANNA-52772-ET | 840003127268876 | | | | | | |
| RUANN IOTA DORINDA-23132-ET | 840003009642784 | | | | | | |
| RUANN IOTA DORINDA-54191-ET | 840003130273570 | | | | | | |
| RUANN IOTA DREAM-52738-ET | 840003127268842 | | | | | | 1 |
| RUANN IOTA DREAM-52748-ET | 840003127268852 | | | | | | 1 |
| RUANN IOTA DREAM-52749-ET | 840003127268853 | | | | | | 1 |
| RUANN IOTA IVORY-22944-ET | 840003009642596 | | | | | | |
| RUANN IOTA IVORY-22951-ET | 840003009642603 | | | | | | |
| RUANN IOTA IVORY-22959-ET | 840003009642611 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN IOTA JEWELANNE-50167 | 840003127758921 | | | | | | |
| RUANN IOTA MERLA-41032 | 840003014227169 | | | | | | |
| RUANN IOTA MERLA-41202-ET | 840003014227339 | | | | | | |
| RUANN IOTA MERLA-41235-ET | 840003014227372 | C | | | | | |
| RUANN IOTA MERLA-45553-ET | 840003126824914 | | | | | | |
| RUANN IOTA MERLA-45893-ET | 840003126825254 | C | | | | | |
| RUANN IOTA MERLA-46170-ET | 840003126825531 | C | | | | | |
| RUANN IOTA MERLA-46210-ET | 840003126825571 | C | | | | | |
| RUANN IOTA MERLA-52073-ET | 840003127268177 | | | | | | |
| RUANN IOTA NORAIN-35436-ET | 840003012220084 | | | | | | |
| RUANN IOTA POSCH-45136-ET | 840003124683625 | | | | | | |
| RUANN IOTA POSCH-51976-ET | 840003127268080 | | | | | | |
| RUANN IOTA POSCH-51990-ET | 840003127268094 | | | | | | |
| RUANN IRATE DEBRA-93321-TW | 840003005124289 | C | | | | | |
| RUANN IRATE DORINDA-93429 | 840003005124397 | | | | | | |
| RUANN IRATE ENID-93489-TW | 840003005124457 | | | | | | |
| RUANN IRATE MALLIE-93467 | 840003005124435 | | | | | | |
| RUANN IRATE MERLA-93444 | 840003005124412 | | | | | | |
| RUANN IRATE MERLA-93601 | 840003005124569 | | | | | | 3 |
| RUANN IRATE MESA-93335 | 840003005124303 | | | | | | |
| RUANN IRATE MOLLY-90512 | USA 66562696 | C | | | | | |
| RUANN IRATE TAUNA-90789 | USA 66562973 | | | | | | |
| RUANN IRATE TAUNA-93528 | 840003005124496 | | | | | | |
| RUANN IRATE TAUNA-93686 | 840003005124654 | | | | | | |
| RUANN IRATE-93381 | 840003005124349 | | | | | | 3 |
| RUANN JABIR ALMA-42054-ET | 840003013922117 | | | | | | |
| RUANN JABIR ALMA-42145-ET | 840003013922208 | | | | | | |
| RUANN JABIR ALMA-42160-ET | 840003013922223 | | | | | | |
| RUANN JABIR ALMA-42173-ET | 840003013922236 | | | | | | |
| RUANN JABIR ALMA-42259-ET | 840003013922322 | | | | | | |
| RUANN JABIR CHARMER-40188 | 840003014226325 | | | | | | |
| RUANN JABIR MERLA-40177 | 840003014226314 | | | C | | | |
| RUANN JABIR MERLA-40282-ET | 840003014226419 | | | | | | |
| RUANN JABIR MERLA-42608-ET | 840003013922671 | | | | | | |
| RUANN JABIR MERLA-42630-ET | 840003013922693 | | | | | | |
| RUANN JABIR MERLA-42727-ET | 840003013922790 | | | | | | |
| RUANN JABIR NORAIN-41969-ET | 840003013922032 | | | | | | |
| RUANN JABIR NORAIN-41994-ET | 840003013922057 | | | | | | |
| RUANN JABIR SALLY-42478-ET | 840003013922541 | | | | | | |
| RUANN JABIR SALLY-42484-ET | 840003013922547 | | | | | | |
| RUANN JABIR SALLY-42492-ET | 840003013922555 | | | | | | |
| RUANN JABIR SALLY-42502-ET | 840003013922565 | | | | | | |
| RUANN JABIR SALLY-42529-ET | 840003013922592 | | | | | | |
| RUANN JABIR SALLY-42590-ET | 840003013922653 | | | | | | |
| RUANN JABIR SALLY-42791-ET | 840003013922854 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN JACE DORINDA-45122-ET | 840003124683611 | | | | | | |
| RUANN JACE DORINDA-45130-ET | 840003124683619 | | | | | | |
| RUANN JACE DORINDA-45155-ET | 840003124683644 | | | | | | |
| RUANN JACE DORINDA-45176-ET | 840003124683665 | | | | | | |
| RUANN JACE DORINDA-52079-ET | 840003127268183 | | | | | | |
| RUANN JACE TRINKET-43988-ET | 840003124682477 | | | | | | |
| RUANN JACEY ALMA-40813 | 840003014226950 | | | | | | |
| RUANN JACEY ALMA-40894 | 840003014227031 | | | | | | |
| RUANN JACEY ANNA-41022 | 840003014227159 | | | | | | |
| RUANN JACEY DELUX-45601-ET | 840003126824962 | | | | | | |
| RUANN JACEY DELUX-45672-ET | 840003126825033 | | | | | | |
| RUANN JACEY DORINDA-40912 | 840003014227049 | | | | | | |
| RUANN JACEY GLORY-46358-ET | 840003126825719 | | | | | | |
| RUANN JACEY MERLA-46244 | 840003126825605 | | | | | | |
| RUANN JACEY MERLA-50024 | 840003127758778 | | | | | | |
| RUANN JACEY NORAIN-41016 | 840003014227153 | | | | | | |
| RUANN JACEY NORAIN-45150 | 840003124683639 | | | | | | |
| RUANN JACEY NORAIN-46034 | 840003126825395 | | | | | | |
| RUANN JACEY POSCH-41027 | 840003014227164 | | | | | | |
| RUANN JACEY POSCH-41261 | 840003014227398 | | | | | | |
| RUANN JADE ALLIE-85926 | USA 66833545 | | | | | | |
| RUANN JADE BECKY-92888 | 840003005123856 | | | | | | |
| RUANN JADE JANET-93123 | 840003005124091 | | | | | | |
| RUANN JADE KIDD-85931 | USA 66833548 | | | | | | |
| RUANN JADE MARI-91582 | 840003005122550 | | | | | | |
| RUANN JADE MISTER-85597-TW | USA 66562073 | | | | | | |
| RUANN JADE NETTIE-93012 | 840003005123980 | | | | | | |
| RUANN JADE PRINCESS-92725 | 840003005123693 | | | | | | |
| RUANN JADE-85814 | USA 66610053 | | | | | | |
| RUANN JADE-91634 | 840003005122602 | | | | | | |
| RUANN JADE-92910 | 840003005123878 | | | | | | |
| RUANN JAMES DEMAND-183 | USA 60131516 | | | | | | |
| RUANN JAMES GLORY-43741-ET | USA 62004556 | | | | | | |
| RUANN JAMES MERLA-90915 | USA 60062772 | | | | | | |
| RUANN JASPER ELLIE-61664-ET | USA 62913928 | | | | | | |
| RUANN JASPER VODKA-60586 | USA 62726869 | | | | | | |
| RUANN JAYZ COMET-35563-ET | 840003012220211 | | | | | | |
| RUANN JAYZ COMET-35591-ET | 840003012220239 | | | | | | |
| RUANN JAYZ COMET-51813-ET | 840003127267917 | | | | | | |
| RUANN JAYZ COMET-51821-ET | 840003127267925 | | | | | | |
| RUANN JAYZ DELUX-81256 | USA 66661002 | | | | | | |
| RUANN JAYZ DEMAND-32877-ET | 840003011523845 | | | | | | |
| RUANN JAYZ DEMAND-81268 | USA 66661014 | | | | | | |
| RUANN JAYZ DEMAND-86073-ET | USA 66833654 | | | | | | |
| RUANN JAYZ DORINDA-90097 | USA 66562281 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN JAYZ GLORY-81193 | USA 65281310 | | | | | | |
| RUANN JAYZ LEE-2834-ET | 840003006993970 | | | | | | |
| RUANN JAYZ MAIDEN-43395-ET | 840003013923458 | | | | | | |
| RUANN JAYZ MAIDEN-43449-ET | 840003013923512 | | | | | | |
| RUANN JAYZ MAIDEN-43566-ET | 840003124682055 | | | | | | |
| RUANN JAYZ ROXY-93525-ET | 840003005124493 | | C | | | | |
| RUANN JENETIC DINA-85730 | USA 66609990 | | | | | | |
| RUANN JENETIC ECHO-61863 | USA 62914055 | | | | | | |
| RUANN JENETIC KELBY-35180 | 840003012219828 | | | | | | |
| RUANN JEROD ECHO-42954-ET | 840003013923017 | | | | | | |
| RUANN JEROD ECHO-42992-ET | 840003013923055 | | | | | | |
| RUANN JEROD ECHO-43001-ET | 840003013923064 | | | | | | |
| RUANN JEROD JEAN-40873-ET | 840003014227010 | | | | | | |
| RUANN JEROD JEAN-52863-ET | 840003127268967 | | | | | | |
| RUANN JEROD JEAN-52874-ET | 840003127268978 | | | | | | |
| RUANN JEROD JEAN-52879-ET | 840003127268983 | | | | | | |
| RUANN JEROD KATHY-40486 | 840003014226623 | C | | | | | |
| RUANN JEROD MERLA-40941-ET | 840003014227078 | | | | | | |
| RUANN JEWELANNE-35341-ET | 840003012219989 | | | | | C | |
| RUANN JEWELANNE-53223-RED | 840003127269327 | | | | | | |
| RUANN JEWELANNE-56065-TW | 840003133418845 | | | | | | |
| RUANN JEWELANNE-56066-TW | 840003133418846 | | | | | | |
| RUANN JEWELANNE-73611-RED | USA 64735066 | | | | | | |
| RUANN JEWELANNE-83441-RED | USA 66022109 | | | | | | |
| RUANN JORDAN ANNA-74415-ET | USA 64884011 | | | | | | |
| RUANN JORDAN CORRY-30339-ET | USA 61216376 | | | | | | |
| RUANN JORDAN JEAN-30162 | USA 61216199 | | | C | | | |
| RUANN JORDAN MERLA-55102-ET | USA 62751402 | | | | | | |
| RUANN JORDAN PEARL-65028-ET | USA 63715394 | | | | | | |
| RUANN JORDAN SUGAR-73800-ET | USA 64799336 | | | | | | |
| RUANN JOS DORINDA-50466-ET | 840003127759220 | | | | | | |
| RUANN JOS TRINKET-52617-ET | 840003127268721 | | | C | | | |
| RUANN JOS TRINKET-52631-ET | 840003127268735 | | | | | | |
| RUANN JOS TRINKET-52678-ET | 840003127268782 | | | C | | | |
| RUANN JOS TRINKET-52685-ET | 840003127268789 | | | | | | |
| RUANN JOS TRINKET-52713-ET | 840003127268817 | | | C | | | |
| RUANN JOSPER BETSY-53457-ET | 840003127269561 | | | | | | |
| RUANN JOSPER BETSY-53464-ET | 840003127269568 | | | | | | |
| RUANN JOSPER BETSY-53468-ET | 840003127269572 | | | | | | |
| RUANN JOSUPER MERLA-50542 | 840003127759296 | | | | | | |
| RUANN JOY TAUNA-51900-ET | 840003127268004 | | | | | | |
| RUANN JOY TAUNA-51978-ET | 840003127268082 | | | | | | |
| RUANN JOYRI TAUNA-45417-ET | 840003124683906 | | | | | | |
| RUANN JOYRI TAUNA-45422-ET | 840003124683911 | | | | | | |
| RUANN JOYRI TAUNA-45508-ET | 840003126824869 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN JOYRIDE TAUNA-41269 | 840003014227406 | | | | | | |
| RUANN JPER DORINDA-53514-ET | 840003130272893 | | | | | | |
| RUANN JPER DORINDA-53551-ET | 840003130272930 | | | | | | |
| RUANN JUDE ANGELINA-90399 | USA 66562583 | | | | | | |
| RUANN JUDE ANGELINA-92146 | 840003005123114 | | | | | | |
| RUANN JUDE BESSIE-93257 | 840003005124225 | | | | | | |
| RUANN JUDE BONNIE-86055 | USA 66833644 | | | | | | |
| RUANN JUDE DELUX-91973 | 840003005122941 | | | | | | |
| RUANN JUDE DORINDA-90326 | USA 66562510 | | | | | | |
| RUANN JUDE FOBES-92405 | 840003005123373 | | | | | | |
| RUANN JUDE FRETA-93084 | 840003005124052 | | | | | | |
| RUANN JUDE GLORY-91720 | 840003005122688 | | | | | | |
| RUANN JUDE HANNAH-93245 | 840003005124213 | | | | | | |
| RUANN JUDE JOY-93038 | 840003005124006 | | | | | | |
| RUANN JUDE KIDD-91735 | 840003005122703 | | | | | | |
| RUANN JUDE KIDD-92538 | 840003005123506 | | | | | | |
| RUANN JUDE KINGPIN-90411-TW | USA 66562595 | | | | | | |
| RUANN JUDE KINGPIN-91845-TW | 840003005122813 | | | | | | |
| RUANN JUDE KINGPIN-91846-TW | 840003005122814 | | | | | | |
| RUANN JUDE MAIDEN-91931 | 840003005122899 | | | | | | |
| RUANN JUDE MANETTA-92026 | 840003005122994 | | | | | | |
| RUANN JUDE MERLA-92789 | 840003005123757 | | | | | | |
| RUANN JUDE MERLA-93201 | 840003005124169 | | | | | | |
| RUANN JUDE NORAIN-91937 | 840003005122905 | | | | | | |
| RUANN JUDE PANSY-93268 | 840003005124236 | | | | | | |
| RUANN JUDE PATSEY-92903 | 840003005123871 | | | | | | |
| RUANN JUDE PHOEBE-90352 | USA 66562536 | | | | | | |
| RUANN JUDE ROXY-93329 | 840003005124297 | | | | | | |
| RUANN JUDE TAUNA-92336 | 840003005123304 | | | | | | |
| RUANN JUDE-91789 | 840003005122757 | | | | | | |
| RUANN JUST CHARMER-54346-ET | USA 62622634 | | | | | | |
| RUANN JUSTIC MERLA 52171-ET | USA 62338162 | | | C | | | |
| RUANN JUSTICE DIAMOND-93125 | 840003005124093 | | | | | | |
| RUANN JUSTICE ECHO-60648 | USA 62726931 | | | C | | | |
| RUANN JUSTICE MELANIE-83836 | USA 66107260 | | | | | | |
| RUANN JUSTICE MERLA-84745 | USA 66446966 | | | | | | |
| RUANN JUSTICE-83754 | USA 66107202 | | | | | | |
| RUANN JUSTICE-93059 | 840003005124027 | | | | | | |
| RUANN K-BOY KATHY-51179-ET | 840003127759933 | | | | | | |
| RUANN K-BOY MERLA-41234-ET | 840003014227371 | | | | | | |
| RUANN K-BOY POSCH-41285-ET | 840003014227422 | | | | | | |
| RUANN K-BOY POSCH-51073-ET | 840003127759827 | | | | | | |
| RUANN K-BOY TAUNA-50429-ET | 840003127759183 | | | | | | |
| RUANN K-BOY TAUNA-50960-ET | 840003127759714 | | | | | | |
| RUANN K-KITE DORINDA-81220 | USA 65281337 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN K-KITE TRIBAL-84519 | USA 66230545 | | | | | | |
| RUANN KEY ALMA-85583 | USA 66562062 | | | | | | |
| RUANN KEY ANDREA-85732 | USA 66609991 | | | | | | |
| RUANN KEY ANN-85644 | USA 66562114 | | | | | | |
| RUANN KEY BRIDGET-91584 | 840003005122552 | | | | | | |
| RUANN KEY DEMAND-85569 | USA 66534303 | | | | | | |
| RUANN KEY DOLLY-91747 | 840003005122715 | | | | | | |
| RUANN KEY ECHO-85514 | USA 66534261 | | | | | | |
| RUANN KEY FOBES-90205 | USA 66562389 | | | | | | |
| RUANN KEY GRANDIOS-91526 | 840003005122494 | | | | | | |
| RUANN KEY INA-86094 | USA 66833667 | | | | | | |
| RUANN KEY JOY-85233 | USA 66462898 | | | | | | |
| RUANN KEY KIDD-85766 | USA 66610018 | | | | | | |
| RUANN KEY MELODY-85389 | USA 66534164 | | | | | | |
| RUANN KEY MERLA-85600 | USA 66562076 | | | | | | |
| RUANN KEY MOLLY-84808-TW | USA 66362427 | | | | | | |
| RUANN KEY MONICA-91621 | 840003005122589 | | | | | | |
| RUANN KEY ROSIE-85996 | USA 66833597 | | | | | | |
| RUANN KEY TAUNA-86002-TW | USA 66833603 | | | | | | |
| RUANN KEY TAUNA-90171 | USA 66562355 | | | | | | |
| RUANN KEY TAUNA-91601 | 840003005122569 | C | | | | | |
| RUANN KEY TAUNA-91602 | 840003005122570 | | | | | | |
| RUANN KEY TUFFEE-91508 | 840003005122476 | | | | | | |
| RUANN KING BETSY-56132-ET | 840003133418912 | | | | | | |
| RUANN KING BETSY-56186-ET | 840003133418966 | | | | | | |
| RUANN KING DORINDA-53746-ET | 840003130273125 | | | | | | |
| RUANN KING DORINDA-55226-ET | 840003130274605 | C | | | | | |
| RUANN KING DORINDA-56258-ET | 840003133419038 | | | | | | |
| RUANN KING ELLIE-56156-ET | 840003133418936 | | | | | | |
| RUANN KING FOBES-61968-ET | 840003133419748 | | | | | | |
| RUANN KING GLORY-55546-ET | 840003133418326 | | | | | | |
| RUANN KING GLORY-61555-ET | 840003133419335 | | | | | | |
| RUANN KING GLORY-62210-ET | 840003133419990 | | | | | | |
| RUANN KING GLORY-62255-ET | 840003133420035 | | | | | | |
| RUANN KING IRISH-61759-ET | 840003133419539 | | | | | | |
| RUANN KING IRISH-62297-ET | 840003133420077 | | | | | | |
| RUANN KING KIDDY-55946-ET | 840003133418726 | | | | | | 1 |
| RUANN KING LANELLE-54906-ET | 840003130274285 | | | | | | |
| RUANN KING LANELLE-62141-ET | 840003133419921 | | | | | C | |
| RUANN KING MERLA-54774-ET | 840003130274153 | | | | | | |
| RUANN KING MERLA-55949-ET | 840003133418729 | | | | | | |
| RUANN KING MERLA-61923-ET | 840003133419703 | | | | | | |
| RUANN KING MERLA-62039-ET | 840003133419819 | | | | | | |
| RUANN KING MERLA-62096-ET | 840003133419876 | | | | | | |
| RUANN KING MERLA-62153-ET | 840003133419933 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN KING NORAIN-61651-ET | 840003133419431 | | | | | | |
| RUANN KING POSCH-46202-ET | 840003126825563 | | | | | | |
| RUANN KING POSCH-56138-ET | 840003133418918 | C | | | | | |
| RUANN KING POSCH-56159-ET | 840003133418939 | C | | | | | |
| RUANN KING POSCH-56161-ET | 840003133418941 | C | | | | | |
| RUANN KING POSCH-56207-ET | 840003133418987 | C | | | | | |
| RUANN KING ROSIE-55165-ET | 840003130274544 | | | | | | |
| RUANN KING ROSIE-56281-ET | 840003133419061 | | | | | | |
| RUANN KING ROSIE-56315-ET | 840003133419095 | | | | | | |
| RUANN KING SALLY-53335-ET | 840003127269439 | | | | | | |
| RUANN KING SALLY-55970-ET | 840003133418750 | | | | | | |
| RUANN KING TAUNA-55265-ET | 840003130274644 | | | | | | |
| RUANN KING TRINKET-46313-ET | 840003126825674 | | | C | | | |
| RUANN KING TRINKET-53251-ET | 840003127269355 | | | | | | |
| RUANN KING VODKA-55494-ET | 840003130274873 | | | | | | |
| RUANN KINGB MERLA-55400-ET | 840003130274779 | | | | | | |
| RUANN KINGBO POSCH-53171-ET | 840003127269275 | | | | | | |
| RUANN KINGBO TAUNA-53741-ET | 840003130273120 | | | | | | |
| RUANN KINGBOY ALMA-55933-ET | 840003133418713 | | | | | | |
| RUANN KINGBOY ALMA-55937-ET | 840003133418717 | | | | | | |
| RUANN KINGBOY ANNA-53520-ET | 840003130272899 | | | | | | |
| RUANN KINGBOY KIDD-54900-ET | 840003130274279 | | | | | | |
| RUANN KINGBOY POSCH-50548 | 840003127759302 | | | | | | |
| RUANN KINGBOY ROXY-46218-ET | 840003126825579 | | | | | | |
| RUANN KINGBOY VODKA-50618 | 840003127759372 | | | | | | |
| RUANN KINGPIN DELUX-53635 | 840003130273014 | | | | | | |
| RUANN KINGPIN MERLA-53711 | 840003130273090 | | | C | | | |
| RUANN KINLE NORAIN-35309-ET | 840003012219957 | | | | | | |
| RUANN KINLEY ALLI-36263-ET | 840003013920426 | | | | | | |
| RUANN KINLEY DREAM-35142-ET | 840003012219790 | C | | | | | 1 |
| RUANN KINLEY DREAM-35160-ET | 840003012219808 | C | | | | | |
| RUANN KINLEY ECHO-35359-ET | 840003012220007 | | | | | | |
| RUANN KINLEY ECHO-35877-ET | 840003012220525 | | | | | | |
| RUANN KINLEY ECHO-36333-ET | 840003013920496 | | | | | | |
| RUANN KINLEY TAUNA-41682-ET | 840003013921745 | | | | | | |
| RUANN KRAMER DORINDA-36301 | 840003013920464 | | | | | | |
| RUANN KRISI ANGELINA-85384 | USA 66534159 | | | | | | |
| RUANN KRISIS AMANDA-93109 | 840003005124077 | | | | | | |
| RUANN KRISIS ANNA-91703 | 840003005122671 | | | | | | |
| RUANN KRISIS BESS-85194 | USA 66462864 | | | | | | 1 |
| RUANN KRISIS BESSIE-93128 | 840003005124096 | | | | | | |
| RUANN KRISIS BLOSSOM-91522 | 840003005122490 | | | | | | |
| RUANN KRISIS CHARITY-85022 | USA 66446988 | | | | | | |
| RUANN KRISIS DORINDA-93212 | 840003005124180 | | | | | | |
| RUANN KRISIS DREAM-92934 | 840003005123902 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN KRISIS DREAM-93253 | 840003005124221 | | | | | | |
| RUANN KRISIS GLORY-93173 | 840003005124141 | | | | | | |
| RUANN KRISIS JOAN-85822 | USA 66610061 | | | | | | |
| RUANN KRISIS KIDD-85778 | USA 66610029 | | | | | | |
| RUANN KRISIS MARINA-91643 | 840003005122611 | | | | | | |
| RUANN KRISIS MELCORE-85343 | USA 66534123 | | | | | | |
| RUANN KRISIS REBECA-93243 | 840003005124211 | | | | | | |
| RUANN KRISIS SHARON-93077 | 840003005124045 | | | | | | |
| RUANN KRISIS TAUNA-85866 | USA 66610095 | | | | | | |
| RUANN KRISIS-91820 | 840003005122788 | | | | | | |
| RUANN KRISIS-93099 | 840003005124067 | | | | | | |
| RUANN KRONKI COMET-91501-TW | 840003005122469 | | | | | | |
| RUANN KRONKI COMET-91502-TW | 840003005122470 | | | | | | |
| RUANN KRONKITE BECKY-84696 | USA 66285034 | | | | | | |
| RUANN KRONKITE JO-90063 | USA 66562247 | | | C | | | |
| RUANN KRONKITE ROXY-84689 | USA 66285029 | | | | | | 1 |
| RUANN KRONKITE SACHSE-81265 | USA 66661011 | | | | | | |
| RUANN L BONNIE-46390-RED-ET | 840003126825751 | | | | | | 1 |
| RUANN L CONSTANCE-22459-ET | 840003009642111 | | C | | | | 3 |
| RUANN L GOLD POSCH-45081-ET | 840003124683570 | | | | | | |
| RUANN L-G0LD KIDDY-40496 | 840003014226633 | | | | | | |
| RUANN L-GOLD KIDDY-40837 | 840003014226974 | | | | | | |
| RUANN L-GOLD MERLA-40614 | 840003014226751 | | | | | | |
| RUANN LA MAPLE-31977-RED-ET | 840003011522945 | | | | | | 3 |
| RUANN LA MAPLE-52527-RED-ET | 840003127268631 | | | | | | |
| RUANN LA MAPLE-52584-RED-ET | 840003127268688 | | | | | | |
| RUANN LAD TRITOMIA-45560-ET | 840003126824921 | | | | | | |
| RUANN LADD BONNIE-46227-ET | 840003126825588 | | | | | | 1 |
| RUANN LADD DORINDA-45708-ET | 840003126825069 | | | | | | |
| RUANN LANCOME MISSY-50006 | 840003127758760 | | | | | | |
| RUANN LARA CHERRY-55871-ET | 840003133418651 | | | | | | |
| RUANN LARA CHERRY-61733-ET | 840003133419513 | | | | | | |
| RUANN LARA CHERRY-61913-ET | 840003133419693 | | | | | | |
| RUANN LARA CHERRY-61962-ET | 840003133419742 | | | | | | |
| RUANN LARA MELANIE-45297-ET | 840003124683786 | | | | | | |
| RUANN LARA MELANIE-52666-ET | 840003127268770 | | | | | | |
| RUANN LARA MELANIE-52682-ET | 840003127268786 | | | | | | |
| RUANN LARAME GLORY-45616-ET | 840003126824977 | | | | | | |
| RUANN LARAME GLORY-45692-ET | 840003126825053 | | | | | | |
| RUANN LARAME GLORY-45694-ET | 840003126825055 | | | | | | |
| RUANN LARAMEE ECHO-45690-ET | 840003126825051 | | | | | | |
| RUANN LARAMEE ECHO-45745-ET | 840003126825106 | | | | | | |
| RUANN LARS CHARITY-35101-ET | 840003012219749 | | C | | | | |
| RUANN LARS CHARITY-35202-ET | 840003012219850 | | C | | | | 3 |
| RUANN LARS CONSTANCE-25688 | 840003011179015 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN LAS FIRESTAR-92745-ET | 840003005123713 | | | | | | |
| RUANN LAS TRITOMIA-93659-ET | 840003005124627 | | | | | | |
| RUANN LASER ECHO-25945-ET | 840003011179272 | | | | | | |
| RUANN LASS BONNIE-93002-ET | 840003005123970 | | | | | | |
| RUANN LASS CAVEMAN-83939-TW | USA 66125336 | | | | | | |
| RUANN LASS JANET-93634-ET | 840003005124602 | | | | | | |
| RUANN LASS MAXINE-94184-ET | 840003005125152 | | | | | | |
| RUANN LASS ROSALYN-52085-ET | 840003127268189 | | | | | | |
| RUANN LASS ROSALYN-52194-ET | 840003127268298 | | | | | | |
| RUANN LASS ROSALYN-62149-ET | 840003133419929 | | | | | | |
| RUANN LASS SCARLET-52853-ET | 840003127268957 | | | | | | |
| RUANN LASSI KIDD-53992-ET | 840003130273371 | | | | | | |
| RUANN LASSI MAXINE-43456-ET | 840003013923519 | | | | | | |
| RUANN LASSI MAXINE-43473-ET | 840003013923536 | | | | | | |
| RUANN LASSI PHOEBE-44029-ET | 840003124682518 | | | | | | |
| RUANN LASSI PHOEBE-44041-ET | 840003124682530 | | | | | | |
| RUANN LASSI PHOEBE-46468-ET | 840003126825829 | | | | | | |
| RUANN LASSIT ANDREA-83320 | USA 65980539 | | | | | | |
| RUANN LASSIT BONNIE-85172 | USA 66462851 | | | | | | |
| RUANN LASSIT CORRY-36151-ET | 840003013920314 | | | | | | |
| RUANN LASSIT CORRY-36275-ET | 840003013920438 | | | | | | |
| RUANN LASSIT CORRY-92008-ET | 840003005122976 | | | | | | |
| RUANN LASSIT DELUX-90242 | USA 66562426 | | | | | | |
| RUANN LASSIT DORINDA-70622 | USA 63613969 | | | | | | |
| RUANN LASSIT GINGER-85151 | USA 66462839 | | | | | | |
| RUANN LASSIT GRACE-90207 | USA 66562391 | | | | | | |
| RUANN LASSIT JANET-34324-ET | 840003012218972 | | | | | | |
| RUANN LASSIT JEAN-90578-TW | USA 66562762 | | | | | | |
| RUANN LASSIT MERLA-85128 | USA 66462821 | | | | | | |
| RUANN LASSIT ROSA-85150 | USA 66462838 | C | | | | | |
| RUANN LASSIT SCARLET-85398 | USA 66534172 | | | | | | |
| RUANN LASSIT TAUNA-85119 | USA 66462815 | | | | | | |
| RUANN LASSITER ALMA-85439 | USA 66534201 | | | | | | |
| RUANN LASSITER ANNA-80775 | USA 65280892 | | | | | | |
| RUANN LASSITER BONNIE-100 | USA 69017702 | C | | | | | |
| RUANN LASSITER GLORY-71158 | USA 63614505 | | | | | | |
| RUANN LASSITER IRISH-70658 | USA 63614005 | | | | | | |
| RUANN LASSITER JEAN-40606 | USA 61693681 | | | | | | |
| RUANN LASSITER JEAN-70629 | USA 63613976 | | | | | | |
| RUANN LASSITER MAIDEN-71040 | USA 63614387 | | | | | | |
| RUANN LASSITER PEGGY-52919 | 840003127269023 | | | | | | |
| RUANN LASSITER POSCH-85312 | USA 66462958 | | | | | | |
| RUANN LASSITER TAUNA-64488 | USA 63521492 | | | | | | |
| RUANN LASSITER TAUNA-85359 | USA 66534136 | | | | | | |
| RUANN LASSITER TAUNA-85537 | USA 66534277 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN LASSITER TILLIE-83891 | USA 66107305 | | | | | | |
| RUANN LASSITER-83807 | USA 66107237 | | | | | | |
| RUANN LASSITER-92009 | 840003005122977 | | | | | | |
| RUANN LAU JESSE-14038-ET | 840003009221775 | | | | | | 1 |
| RUANN LAU MERLA-81040-ET | USA 65281157 | | | | | | |
| RUANN LAU TAUNA-14412-ET | 840003009222149 | | | C | | | 1 |
| RUANN LAURIN DREAM-91905-ET | 840003005122873 | | | | | | |
| RUANN LAURIN DREAM-91918-ET | 840003005122886 | | | | | | |
| RUANN LAURIN EVE-83449-ET | USA 66022116 | | | | | | |
| RUANN LAURIN FALLON-83482 | USA 66022140 | | | | | | |
| RUANN LAURIN JEAN-90133 | USA 66562317 | | | | | | |
| RUANN LAURIN TRINKET-80022 | USA 65280139 | | | | | | 1 |
| RUANN LAUTH POSCH-22190-ET | 840003009641842 | | | | | | |
| RUANN LAUTH POSCH-22210-ET | 840003009641862 | | | | | | 1 |
| RUANN LAUTHO PAIGE-33559-ET | 840003012218207 | | | | | | |
| RUANN LAVAL ANDREA-36298-ET | 840003013920461 | | | | | | |
| RUANN LAVAL BECKY-51845-ET | 840003127267949 | | | | | | |
| RUANN LAVAL BONNIE-42021-ET | 840003013922084 | | | | | | |
| RUANN LAVAL ROXY-42181-ET | 840003013922244 | | C | | | | |
| RUANN LEAF ALMA-62037-ET | 840003133419817 | | | | | | |
| RUANN LEAF ECHO-61688-ET | 840003133419468 | | | | | C | |
| RUANN LEAF ECHO-61690-ET | 840003133419470 | | | | | | |
| RUANN LEDUC ALISON-91969-ET | 840003005122937 | | | | | | |
| RUANN LEDUC MAIDEN-32177-ET | USA 61322756 | | | C | | | |
| RUANN LEE JUDE-978 | USA 60299556 | | | | | | |
| RUANN LEVEL NORAIN-60392 | USA 62726675 | | | | | | |
| RUANN LHERO ANDREA-64817-ET | USA 63632523 | | | | | | |
| RUANN LHERO SALLIE32200-ET | USA 61322767 | | | | | | |
| RUANN LHEROS ANN-70722 | USA 63614069 | | | | | | |
| RUANN LHEROS ELA-61045 | USA 62727328 | | | | | | |
| RUANN LHEROS PEGGY-30648-ET | USA 61216685 | C | | | | | |
| RUANN LIMO TASHA-40398-TW | 840003014226535 | | | | | | |
| RUANN LIMOCA ELLIE-42333-ET | 840003013922396 | | | | | | |
| RUANN LINE ANDREA-45575-TW | 840003126824936 | | | | | | |
| RUANN LINE ASHLEY-45023-TW | 840003124683512 | | | | | | |
| RUANN LINE ASHLEY-45024-TW | 840003124683513 | | | | | | |
| RUANN LINE BAMSTAR-45002-TW | 840003124683491 | | | | | | |
| RUANN LINE BAMSTAR-45003-TW | 840003124683492 | | | | | | |
| RUANN LINE CONSTANCE-45259 | 840003124683748 | | | | | | |
| RUANN LINE GRATEFUL-44889 | 840003124683378 | | | | | | |
| RUANN LINE MERLA-45049-TW | 840003124683538 | | | | | | |
| RUANN LINE MERLA-45050-TW | 840003124683539 | | | | | | |
| RUANN LINE RUSSMATT-45242 | 840003124683731 | C | | | | | |
| RUANN LINEMAN ALFREDA-45140 | 840003124683629 | | | C | | | |
| RUANN LINEMAN ANDREA-45008 | 840003124683497 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN LINEMAN BAMSTAR-45223 | 840003124683712 | | | | | | |
| RUANN LINEMAN BECKY-45289 | 840003124683778 | | | C | | | |
| RUANN LINEMAN BONNIE-45198 | 840003124683687 | | | | | | |
| RUANN LINEMAN CORRY-45305 | 840003124683794 | C | | | | | |
| RUANN LINEMAN DORINDA-45427 | 840003124683916 | | | | | | |
| RUANN LINEMAN DORINDA-45654 | 840003126825015 | | | | | | |
| RUANN LINEMAN EMBER-45067 | 840003124683556 | | | | | | |
| RUANN LINEMAN HAYDEN-45402 | 840003124683891 | C | | | | | |
| RUANN LINEMAN KINGPIN-44917 | 840003124683406 | | | | | | |
| RUANN LINEMAN LUCY-45180 | 840003124683669 | | | | | | |
| RUANN LINEMAN MAY-46372 | 840003126825733 | | | | | | |
| RUANN LINEMAN MELANIE-44979 | 840003124683468 | | | | | | |
| RUANN LINEMAN MELANIE-45934 | 840003126825295 | C | | | | | |
| RUANN LINEMAN MERLA-44919 | 840003124683408 | | | | | | |
| RUANN LINEMAN MERLA-45107 | 840003124683596 | | | | | | |
| RUANN LINEMAN MERLA-45217 | 840003124683706 | | | | | | |
| RUANN LINEMAN MERLA-45549 | 840003126824910 | | | | | | |
| RUANN LINEMAN MERLA-45722 | 840003126825083 | | | | | | |
| RUANN LINEMAN MERLA-45790 | 840003126825151 | | | | | | |
| RUANN LINEMAN MERLA-45897 | 840003126825258 | | | | | | |
| RUANN LINEMAN PHOEBE-45535 | 840003126824896 | | | | | | |
| RUANN LINEMAN PHOEBE-45821 | 840003126825182 | | | | | | |
| RUANN LINEMAN PHYLLIS-45211 | 840003124683700 | | | | | | |
| RUANN LINEMAN SANDY-45088 | 840003124683577 | | | | | | |
| RUANN LINEMAN SCARLET-45446 | 840003124683935 | | | | | | |
| RUANN LINEMAN SUGAR-45197 | 840003124683686 | | | | | | |
| RUANN LINEMAN TAUNA-45419 | 840003124683908 | | | | | C | |
| RUANN LINEMAN TENA-45264 | 840003124683753 | | | | | | 1 |
| RUANN LINEMAN TILLIE-44865 | 840003124683354 | | | | | | |
| RUANN LINEMAN VODKA-44934 | 840003124683423 | | | | | | |
| RUANN LINKUP SALLY-61940-ET | 840003133419720 | | | C | | | |
| RUANN LINKUP SALLY-61983-ET | 840003133419763 | | | C | | | |
| RUANN LINKUP SALLY-61987-ET | 840003133419767 | | | | | | |
| RUANN LINKUP SALLY-62027-ET | 840003133419807 | | | | | | |
| RUANN LION K CONSTANCE-5929 | 840003004672318 | | | | | | 1 |
| RUANN LIQ GOLD MERLA-44260 | 840003124682749 | | | C | | | |
| RUANN LIQUID POSCH-43941-ET | 840003124682430 | | | | | | |
| RUANN LIQUID POSCH-43956-ET | 840003124682445 | | | | | | |
| RUANN LITHIUM DELUX-30477 | 840003011579765 | | | | | | |
| RUANN LITHIUM DELUX-30635 | 840003011579923 | | | | | | |
| RUANN LITHIUM JEAN-30530 | 840003011579818 | | | | | | |
| RUANN LITHIUM LANELLE-30777 | 840003011580065 | | | C | | | |
| RUANN LITHIUM LUCASTA-30860 | 840003011580148 | | | | | | |
| RUANN LOGI CONSTANCE-43016 | 840003013923079 | | | | | | |
| RUANN LOGI DORINDA-43186-TW | 840003013923249 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN LOGI GRATEFUL-43043 | 840003013923106 | | | | | | |
| RUANN LOGIS BROOKLYN-42783 | 840003013922846 | | | | | | |
| RUANN LOGIS JACEY-42963-TW | 840003013923026 | | | | | | |
| RUANN LOGIS JACEY-42967-TW | 840003013923030 | | | | | | |
| RUANN LOGIS TAUNA-52566-TW | 840003127268670 | | | | | | |
| RUANN LOGIS TAUNA-52567-TW | 840003127268671 | | | | | | |
| RUANN LOGISTI MANETTA-43070 | 840003013923133 | | | | | | |
| RUANN LOGISTIC ANDREA-43369 | 840003013923432 | | | | | | |
| RUANN LOGISTIC ANN-43418 | 840003013923481 | | | | | | |
| RUANN LOGISTIC ANNA-43660 | 840003124682149 | | | | | | 3 |
| RUANN LOGISTIC DREAM-52829 | 840003127268933 | | | | | | |
| RUANN LOGISTIC ELLIE-42988 | 840003013923051 | | | | | | |
| RUANN LOGISTIC JOY-43315 | 840003013923378 | | | | | | |
| RUANN LOGISTIC MAGIC-53207 | 840003127269311 | | | | | | 1 |
| RUANN LOGISTIC MERLA-42764 | 840003013922827 | | | | | | |
| RUANN LOGISTIC MYRT-42846 | 840003013922909 | | | | | | |
| RUANN LOGISTIC NETTIE-43378 | 840003013923441 | | | | | | |
| RUANN LOGISTIC PEGGY-52726 | 840003127268830 | | | | | | |
| RUANN LOGISTIC PEGGY-52841 | 840003127268945 | | | | | | |
| RUANN LOGISTIC PEGGY-53079 | 840003127269183 | C | | | | | |
| RUANN LOGISTIC SACHSE-42971 | 840003013923034 | | | | | | |
| RUANN LOGISTIC SKOKIE-52831 | 840003127268935 | C | | | | | |
| RUANN LORENZ JUDIE-42524-ET | USA 61872017 | | | | | | |
| RUANN LORENZO DORINDA-31165 | USA 61526520 | C | | | | | |
| RUANN LOU CORRY-43375-ET | 840003013923438 | | | | | | |
| RUANN LOU DEMAND-92441-ET | 840003005123409 | | | | | | |
| RUANN LOU DORINDA-43022-ET | 840003013923085 | | | | | | |
| RUANN LOU DORINDA-93484-ET | 840003005124452 | | | | | | |
| RUANN LOU ELLIE-32498-ET | 840003011523466 | | | | | | |
| RUANN LOU GLORY-71989-ET | USA 64215185 | | | | | | |
| RUANN LOU GLORY-82389-ET | USA 65705986 | | | | | | |
| RUANN LOU KATHY-71111 | USA 63614458 | | | | | | |
| RUANN LOU LORENA-92574-ET | 840003005123542 | | | | | | |
| RUANN LOU MELANIE-46321-ET | 840003126825682 | | | | | | |
| RUANN LOU MELANIE-46347-ET | 840003126825708 | | | | | | |
| RUANN LOU MELANIE-46413-ET | 840003126825774 | | | | | | |
| RUANN LOU MERLA-51947-ET | 840003127268051 | | | | | | |
| RUANN LOU MERLA-80063 | USA 65280180 | | | | | | |
| RUANN LOU MERLA-92139-ET | 840003005123107 | | | | | | |
| RUANN LOU MERLA-92148-ET | 840003005123116 | | | | | | |
| RUANN LOU MERLA-92170-ET | 840003005123138 | | | | | | |
| RUANN LOU PAM-33244-ET | 840003011524212 | | | | | | |
| RUANN LOU ROSALYN-34430-ET | 840003012219078 | | | | | | |
| RUANN LOUIS DELUX-53268-ET | 840003127269372 | | | | | | |
| RUANN LOUIS ELLIE-33334-ET | 840003011524302 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN LUCKY JANET-14085-TW | USA 60655816 | | | | | | |
| RUANN LUXURY BRIDGET-81195 | USA 65281312 | | | | | | |
| RUANN LUXURY SHARON-81208 | USA 65281325 | | | | | | |
| RUANN LUXURY TAUNA-81021 | USA 65281138 | | | | | | |
| RUANN M CONSTANCE-6274-ET | 840003007960341 | | | | | | |
| RUANN M JESSE-42019-RED-TW | 840003013922082 | | | | | | |
| RUANN M JESSE-42020-RED-TW | 840003013922083 | | | | | | |
| RUANN M SHARVANNAH-54840-ET | 840003130274219 | | | | | | |
| RUANN M-B BECKY-94728-ET | USA 60150991 | | | | | | |
| RUANN M-O-M BESSY-40380 | 840003014226517 | | | | | | |
| RUANN M-O-M DREAM-34128-ET | 840003012218776 | C | | | | | 1 |
| RUANN M-O-M MERLA-34282-ET | 840003012218930 | | | | | | |
| RUANN M-O-M NORAIN-25569-ET | 840003011178896 | | | | | | |
| RUANN M-O-M2 DELUX-36240-ET | 840003013920403 | | | | | | |
| RUANN M-O-M2 DREAM-35995-ET | 840003012220643 | C | | | | | |
| RUANN M-O-M2 DREAM-43696-ET | 840003124682185 | C | | | | | 1 |
| RUANN M-O-M2 DREAM-43746-ET | 840003124682235 | | | | | | |
| RUANN M-O-M2 HOPE-35948-ET | 840003012220596 | | | | | | |
| RUANN M-O-M2 LOLA-35628-ET | 840003012220276 | | | | | | |
| RUANN M-O-M2 LOLA-35661-ET | 840003012220309 | | | | | | |
| RUANN M-O-M2 LOLA-43663-ET | 840003124682152 | | | | | | |
| RUANN M-O-M2 LOLA-43708-ET | 840003124682197 | | | | | | |
| RUANN M-O-M2 LOLA-43732-ET | 840003124682221 | | | | | | |
| RUANN M-O-M2 MERLA-36232-ET | 840003013920395 | | | | | | |
| RUANN M-O-M2 MERLA-36526-ET | 840003013920689 | | | | | | |
| RUANN M-O-M2 MERLA-36539-ET | 840003013920702 | | | | | | |
| RUANN M-O-M2 MERLA-41522-ET | 840003013921585 | | | | | | |
| RUANN M-O-M2 MERLA-41527-ET | 840003013921590 | | | | | | |
| RUANN M-O-M2 MERLA-42226-ET | 840003013922289 | | | | | | |
| RUANN M-O-M2 MERLA-42284-ET | 840003013922347 | | | | | | |
| RUANN M-O-M2 MERLA-42460-ET | 840003013922523 | | | | | | |
| RUANN M-O-M2 POSCH-35200-ET | 840003012219848 | | | | | | |
| RUANN M-O-M2 POSCH-36062-ET | 840003013920225 | | | | | | |
| RUANN M-O-M2 POSCH-36225-ET | 840003013920388 | | | | | | |
| RUANN M-O-M2 TAUNA-34851-ET | 840003012219499 | | | | | | |
| RUANN M-TROS MERLA-41166-ET | 840003014227303 | | | | | | |
| RUANN M2 JEWELANNE-41985-ET | 840003013922048 | | | | | | |
| RUANN MA CONSTANCE-12004-ET | 840003008210128 | | | | | | |
| RUANN MAC ANN-32329-ET | 840003011523297 | | | | | | |
| RUANN MAC DELUX-41699-ET | 840003013921762 | | | | | | |
| RUANN MAC GRATEFUL-44631-ET | 840003124683120 | | | | | | |
| RUANN MAC MERLA-40377-ET | 840003014226514 | | | | | | |
| RUANN MACHO MAY-55151-ET | 840003130274530 | | | | | | |
| RUANN MACHOMAN DELUX-40020 | USA 61693095 | | | | | | |
| RUANN MACK GLORY-40730-ET | 840003014226867 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MACK GLORY-44439-ET | 840003124682928 | | | | | | |
| RUANN MACK GLORY-44787-ET | 840003124683276 | | | | | | |
| RUANN MACK IRISH-42848-ET | 840003013922911 | | | | | | |
| RUANN MACK IRISH-42852-ET | 840003013922915 | | | | | | |
| RUANN MACK IRISH-42858-ET | 840003013922921 | | | | | | |
| RUANN MACK LANELLE-50512 | 840003127759266 | | | | | | 3 |
| RUANN MACK MERLA-40360 | 840003014226497 | | | | | | |
| RUANN MACK MERLA-43019-ET | 840003013923082 | | | | | | |
| RUANN MACK MERLA-43144-ET | 840003013923207 | | | C | | | |
| RUANN MACK MERLA-52732-ET | 840003127268836 | C | | | | | |
| RUANN MACK POSCH-40259 | 840003014226396 | | | | | | |
| RUANN MACRO AILEEN-93356 | 840003005124324 | | | | | | |
| RUANN MACRO CHITA-93671 | 840003005124639 | | | | | | |
| RUANN MACRO JILL-93179 | 840003005124147 | | | | | | |
| RUANN MACRO SALLY-93166 | 840003005124134 | | | | | | |
| RUANN MACRO SASHA-93200 | 840003005124168 | | | | | | |
| RUANN MAG ROSIE-43813-ET | 840003124682302 | | | | | | 3 |
| RUANN MAGE MERLA-34681-RED | 840003012219329 | | C | | | | |
| RUANN MAGISTR ELLIE-40404 | 840003014226541 | | | | | | |
| RUANN MAGISTR GLORY-40288 | 840003014226425 | | | | | | |
| RUANN MAGISTR PEGGY-40142 | 840003014226279 | | | | | | |
| RUANN MAGISTRAT ELLIE-40054 | 840003014226191 | | | | | | |
| RUANN MAGISTRAT GLORY-40416 | 840003014226553 | | | | | | |
| RUANN MAGISTRATE TIDY-40138 | 840003014226275 | | | | | | |
| RUANN MAGNA ECHO-20891-ET | USA 61002381 | | | | | | |
| RUANN MAGNA GLORY-42787-ET | USA 61906653 | | | | | | |
| RUANN MAGNET KIDDY-10336-ET | USA 69970785 | | | | | | |
| RUANN MAHOGANY BELLA-42802 | 840003013922865 | | | | | C | |
| RUANN MAIL ELLIE-83259-ET | USA 65947068 | C | | C | | | |
| RUANN MAILING EVA-51153 | USA 62120408 | C | | | | | |
| RUANN MAJ CONDUCTOR-35148 | 840003012219796 | | | | | | |
| RUANN MAJESTY ALVA-41723 | 840003013921786 | | | | | | |
| RUANN MAJESTY ARION-35467 | 840003012220115 | | | | | | |
| RUANN MAJESTY BELLA-35415 | 840003012220063 | | | | | | 1 |
| RUANN MAJESTY BUFFEY-35127 | 840003012219775 | | | | | | |
| RUANN MAJESTY CHARITY-35669 | 840003012220317 | | | | | | |
| RUANN MAJESTY CHOW-35391-TW | 840003012220039 | | | | | | |
| RUANN MAJESTY CHOW-35392-TW | 840003012220040 | | | | | | |
| RUANN MAJESTY CORRY-35110 | 840003012219758 | | | | | | |
| RUANN MAJESTY DORINDA-35151 | 840003012219799 | | | | | | |
| RUANN MAJESTY DORINDA-35194 | 840003012219842 | | | | | | |
| RUANN MAJESTY DORINDA-35196 | 840003012219844 | | | | | | |
| RUANN MAJESTY DORINDA-41526 | 840003013921589 | C | | | | | |
| RUANN MAJESTY ECHO-35607 | 840003012220255 | | | | | | |
| RUANN MAJESTY FLAME-35109 | 840003012219757 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MAJESTY FOBES-41731 | 840003013921794 | | | | | | |
| RUANN MAJESTY GLORY-35911 | 840003012220559 | | | | | | |
| RUANN MAJESTY JEAN-36065 | 840003013920228 | | | | | | |
| RUANN MAJESTY KIDD-36517 | 840003013920680 | | | | | | |
| RUANN MAJESTY KINDRA-35313 | 840003012219961 | | | | | | |
| RUANN MAJESTY KINGPIN-35093 | 840003012219741 | | | | | | |
| RUANN MAJESTY LOUDRA-35538 | 840003012220186 | | | | | | |
| RUANN MAJESTY MAGIC-36578 | 840003013920741 | | | | | | |
| RUANN MAJESTY RETA-35769-TW | 840003012220417 | | | | | | |
| RUANN MAJESTY RETA-35770-TW | 840003012220418 | | | | | | |
| RUANN MAJESTY SYLVIA-35228 | 840003012219876 | | | | | | |
| RUANN MAJESTY TAUNA-35295 | 840003012219943 | | | | | | |
| RUANN MAJESTY TAUNA-35822 | 840003012220470 | | | | | | |
| RUANN MAJESTY VICKY-35407 | 840003012220055 | | | | | | |
| RUANN MAJOR ANDREA-45082 | 840003124683571 | | | | | | |
| RUANN MAJOR ANGELINA-43071 | 840003013923134 | | | | | | |
| RUANN MAJOR ANNA-42340 | 840003013922403 | | | | | | |
| RUANN MAJOR ANNA-43706-TW | 840003124682195 | | | | | | |
| RUANN MAJOR ANNA-43707-TW | 840003124682196 | | | | | | |
| RUANN MAJOR BONNIE-45059 | 840003124683548 | C | | | | | |
| RUANN MAJOR BOOTS-43294 | 840003013923357 | C | | | | | |
| RUANN MAJOR CARRIE-42966 | 840003013923029 | C | | | | | |
| RUANN MAJOR DORA-42878 | 840003013922941 | | | | | | |
| RUANN MAJOR DOTTIE-43391 | 840003013923454 | | | | | | |
| RUANN MAJOR ELEORA-43789 | 840003124682278 | | | | | | |
| RUANN MAJOR ELLA-43233 | 840003013923296 | | | | | | |
| RUANN MAJOR ELLIE-43558 | 840003124682047 | | | | | | |
| RUANN MAJOR ELLIE-43780 | 840003124682269 | | | | | | |
| RUANN MAJOR ENID-43702 | 840003124682191 | | | | | | |
| RUANN MAJOR GALE-45167 | 840003124683656 | | | | | | |
| RUANN MAJOR GAY-42962 | 840003013923025 | | | | | | |
| RUANN MAJOR GLORY-42771 | 840003013922834 | | | | | | |
| RUANN MAJOR GLORY-42895 | 840003013922958 | | | | | | |
| RUANN MAJOR GLORY-43484 | 840003013923547 | | | | | | |
| RUANN MAJOR GLORY-43657 | 840003124682146 | | | | | | |
| RUANN MAJOR GLORY-43782-TW | 840003124682271 | | | | | | |
| RUANN MAJOR GRATEFUL-45120 | 840003124683609 | | | | | | |
| RUANN MAJOR HANNAH-42957 | 840003013923020 | | | | | | |
| RUANN MAJOR HAPPY-43896 | 840003124682385 | | | | | | |
| RUANN MAJOR JEAN-43560 | 840003124682049 | | | | | | 1 |
| RUANN MAJOR JOY-42879 | 840003013922942 | | | | | | |
| RUANN MAJOR JOY-43521 | 840003124682010 | | | | | | |
| RUANN MAJOR KAYO-43256 | 840003013923319 | | | | | | |
| RUANN MAJOR KIDD-44954 | 840003124683443 | | C | | | | |
| RUANN MAJOR KINGPIN-42835 | 840003013922898 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MAJOR KINGPIN-43554 | 840003124682043 | | | | | | |
| RUANN MAJOR LIBERTY-43051 | 840003013923114 | | | | | | |
| RUANN MAJOR LUSTY-43457 | 840003013923520 | | | | | | |
| RUANN MAJOR MERLA-42909 | 840003013922972 | | | | | | 1 |
| RUANN MAJOR MERLA-43216 | 840003013923279 | | | | | | |
| RUANN MAJOR MERLA-43548 | 840003124682037 | | | | | | |
| RUANN MAJOR MERLA-44629 | 840003124683118 | | | | | | |
| RUANN MAJOR MIRA-43617 | 840003124682106 | | | | | | |
| RUANN MAJOR PAIGE-43665 | 840003124682154 | | | | | | |
| RUANN MAJOR PAULYNE-43008 | 840003013923071 | C | | | | | |
| RUANN MAJOR ROSALYN-44910 | 840003124683399 | | | | | | |
| RUANN MAJOR SIMBA-43345 | 840003013923408 | | | | | | |
| RUANN MAJOR SIS-43346 | 840003013923409 | | | | | | |
| RUANN MAJOR SPARKLE-42981 | 840003013923044 | | | | | | |
| RUANN MAJOR SPOKE-43027 | 840003013923090 | | | | | | |
| RUANN MAJOR TIPPY-43104 | 840003013923167 | | | | | | |
| RUANN MAJOR TRIBAL-43441 | 840003013923504 | | | | | | |
| RUANN MAJOR WENONA-43613 | 840003124682102 | | | | | | |
| RUANN MALI LANELLE-2289-ET | 840003006993425 | | | C | | | |
| RUANN MALICI GLORY-43215-ET | 840003013923278 | | | | | | |
| RUANN MALICI GLORY-43278-ET | 840003013923341 | | | | | | |
| RUANN MALICI GLORY-43297-ET | 840003013923360 | | | | | | |
| RUANN MALONE ECHO-46015-ET | 840003126825376 | | | | | | |
| RUANN MALONE FOBES-45443-ET | 840003124683932 | | | | | | 1 |
| RUANN MALONE ROSIE-53311-ET | 840003127269415 | | | | | | 1 |
| RUANN MALONE VODKA-46073-ET | 840003126825434 | | | | | | 1 |
| RUANN MAR VALENTINE-62010 | 840003133419790 | | | | | | |
| RUANN MARAUDE NORAIN-40149 | USA 61693224 | | | | | | |
| RUANN MARAUDER BONNIE-40660 | USA 61693735 | | | | | | |
| RUANN MARAUDER CORRY 43928 | USA 62022003 | | | | | | |
| RUANN MARAUDER JESSE-40517 | USA 61693592 | | | | | | |
| RUANN MARBELL KRISTA-62062 | 840003133419842 | | | | | | |
| RUANN MARBELL MELANIE-62076 | 840003133419856 | | | | | | |
| RUANN MARCON MOLLY-91882-ET | 840003005122850 | | | | | | |
| RUANN MARCONI DINA-42563-ET | 840003013922626 | C | | | | | |
| RUANN MARI TRINKET-65647-ET | USA 64018656 | C | | | | | |
| RUANN MARIO MOLLY-70355 | USA 63613702 | C | | | | | |
| RUANN MARION DELUX-70909 | USA 63614256 | C | | | | | |
| RUANN MARION DREAM-62436-ET | USA 63078415 | | | | | | |
| RUANN MARION ECHO-90183 | USA 66562367 | C | | | | | |
| RUANN MARION MOLLY-80990 | USA 65281107 | C | | | | | |
| RUANN MARION SUGAR-60371 | USA 62726654 | C | | C | | | |
| RUANN MARKER DORINDA-691 | USA 60132024 | | | | | | |
| RUANN MARMAX MERLA-50444 | USA 62119699 | | | | | | |
| RUANN MARS ALMA-70736 | USA 63614083 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MARS DORINDA-44018-ET | USA 62054091 | | | | | | |
| RUANN MARS DORINDA-83841 | 840003002971422 | | | | | | |
| RUANN MARSH DELUX-15136-ET | USA 60747599 | | | | | | |
| RUANN MARSH DELUX-15628-ET | USA 60814116 | | | | | | |
| RUANN MARSH GLORY-32613-ET | USA 61378176 | | | | | | |
| RUANN MARSH GLORY-41658-ET | USA 61775600 | | | | | | |
| RUANN MARSH POSCH-60051-ET | USA 62726334 | | | | | | |
| RUANN MARSH TAUNA-23706-ET | USA 61036926 | C | | | | | |
| RUANN MARV DORINDA-33548-ET | 840003012218196 | | | | | | |
| RUANN MARV DORINDA-33864-ET | 840003012218512 | C | | | | | |
| RUANN MARV KRISTA-34118-ET | 840003012218766 | C | | | | | |
| RUANN MARVE KRISTA-31932-ET | 840003011522900 | | | | | | |
| RUANN MARVEL COMET-35545-ET | 840003012220193 | C | | | | | |
| RUANN MARVEL COMET-35573-ET | 840003012220221 | | | | | | |
| RUANN MARVEL MERLA-25883-ET | 840003011179210 | C | | | | | |
| RUANN MARVEL MERLA-32190-ET | 840003011523158 | | | | | | |
| RUANN MARVEL MERLA-34236-ET | 840003012218884 | | | | | | |
| RUANN MARVELL BONNIE-62031 | 840003133419811 | | C | | | | |
| RUANN MARVELL CHARITY-61966 | 840003133419746 | | | | | | |
| RUANN MARVELL ELLIE-62009 | 840003133419789 | | | | | | |
| RUANN MARVELL LOLA-62006 | 840003133419786 | | | | | | |
| RUANN MARVELL MERLA-62035 | 840003133419815 | | | | | | |
| RUANN MASCA BONNIE-52255-ET | 840003127268359 | | | | | | |
| RUANN MASCA BONNIE-52286-ET | 840003127268390 | | | | | | 1 |
| RUANN MASCA BONNIE-52323-ET | 840003127268427 | | | | | | 1 |
| RUANN MASCA BONNIE-52326-ET | 840003127268430 | | | | | | 1 |
| RUANN MASCA BONNIE-52352-ET | 840003127268456 | | | | | | |
| RUANN MASCA BONNIE-52414-ET | 840003127268518 | | | | | | |
| RUANN MASCA ELLIE-52060-ET | 840003127268164 | | | | | | |
| RUANN MASCA ELLIE-52176-ET | 840003127268280 | | | | | | |
| RUANN MASCA GLORY-53686-ET | 840003130273065 | | | | | | |
| RUANN MASCAL GLORY-53732-ET | 840003130273111 | | | | | | |
| RUANN MASCAL MERLA-53297-ET | 840003127269401 | | | | | | |
| RUANN MASCAL MERLA-53396-ET | 840003127269500 | | | | | | |
| RUANN MASCAL MERLA-53399-ET | 840003127269503 | | | | | | |
| RUANN MASCAL MERLA-54140-ET | 840003130273519 | | | | | | |
| RUANN MASCAL MERLA-54165-ET | 840003130273544 | | | | | | |
| RUANN MASCAL MERLA-54209-ET | 840003130273588 | | | | | | |
| RUANN MASCAL PEGGY-53869-ET | 840003130273248 | | | | | | |
| RUANN MASCAL PEGGY-61752-ET | 840003133419532 | | | | | | |
| RUANN MASCAL PEGGY-61811-ET | 840003133419591 | | | | | | |
| RUANN MASCAL PEGGY-61921-ET | 840003133419701 | | | | | | |
| RUANN MASCALE ALMA-52126-ET | 840003127268230 | | | | | | |
| RUANN MASO CONSTANCE-56366 | 840003133419146 | | | | | | |
| RUANN MASON ANNA-61864 | 840003133419644 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MASON GINGER-61623 | 840003133419403 | | | | | | |
| RUANN MASON GLORY-61797 | 840003133419577 | | | | | | |
| RUANN MASON GRATEFUL-54181 | 840003130273560 | | | | | | |
| RUANN MASON MARVEL-61897 | 840003133419677 | | | | | | |
| RUANN MASON MERLA-61605 | 840003133419385 | | | | | | |
| RUANN MASON MERLA-62034 | 840003133419814 | | | | | | |
| RUANN MASON TAUNA-61889 | 840003133419669 | | | | | | |
| RUANN MASON VALERIE-56121 | 840003133418901 | | | | | | |
| RUANN MASONI ANNALISE-55048 | 840003130274427 | | | | | | |
| RUANN MASONIC AIMEE-55496 | 840003130274875 | | | | | | |
| RUANN MASONIC ANDREA-55913 | 840003133418693 | | | | | | |
| RUANN MASONIC ANN-54304 | 840003130273683 | | | | | | |
| RUANN MASONIC ANNID-54734 | 840003130274113 | | | | | | |
| RUANN MASONIC BAMSTAR-56150 | 840003133418930 | | | | | | |
| RUANN MASONIC BESSIE-55304 | 840003130274683 | | | | | | |
| RUANN MASONIC BONNIE-54576 | 840003130273955 | | | | | | |
| RUANN MASONIC CHARITY-55268 | 840003130274647 | | | | | | |
| RUANN MASONIC DEL-56164 | 840003133418944 | | | | | | |
| RUANN MASONIC DELTA-55574 | 840003133418354 | | | | | | |
| RUANN MASONIC DELUX-55119 | 840003130274498 | | | | | | |
| RUANN MASONIC DELUX-55502 | 840003133418282 | | | | | | |
| RUANN MASONIC DORINDA-54596 | 840003130273975 | | | | | | |
| RUANN MASONIC DORINDA-55516 | 840003133418296 | | | | | | |
| RUANN MASONIC DOTTIE-54557 | 840003130273936 | | | | | | |
| RUANN MASONIC ECHO-56075-TW | 840003133418855 | | | | | | |
| RUANN MASONIC FOBES-54549 | 840003130273928 | | | | | | |
| RUANN MASONIC GLORY-56198 | 840003133418978 | | | | | C | |
| RUANN MASONIC HELEN-54373 | 840003130273752 | | | | | | |
| RUANN MASONIC IRISH-54835 | 840003130274214 | | | | | | |
| RUANN MASONIC JEEP-61607 | 840003133419387 | | | | | | |
| RUANN MASONIC JOAN-56073 | 840003133418853 | | | | | | |
| RUANN MASONIC LANELLE-54522 | 840003130273901 | | | C | | | |
| RUANN MASONIC LUCILE-55864 | 840003133418644 | | | | | | |
| RUANN MASONIC MANETTA-55324 | 840003130274703 | | | | | | |
| RUANN MASONIC MERLA-54532 | 840003130273911 | | | | | | |
| RUANN MASONIC MERLA-54569 | 840003130273948 | | | | | | |
| RUANN MASONIC MERLA-55050 | 840003130274429 | | | | | | |
| RUANN MASONIC MERLA-55858 | 840003133418638 | | | | | | |
| RUANN MASONIC MERLA-56003 | 840003133418783 | | | | | | |
| RUANN MASONIC MODEL-56286 | 840003133419066 | | | | | | |
| RUANN MASONIC NETA-54983 | 840003130274362 | | | | | | |
| RUANN MASONIC NETTIE-55127 | 840003130274506 | | | | | | |
| RUANN MASONIC ROSALYN-54634 | 840003130274013 | | | | | | |
| RUANN MASONIC SCARLET-54719 | 840003130274098 | | | | | | |
| RUANN MASONIC SCARLET-55343 | 840003130274722 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MASONIC SIMBA-54267 | 840003130273646 | | | | | | |
| RUANN MASONIC TAUNA-54625 | 840003130274004 | | | | | | |
| RUANN MASONIC TAUNA-54736 | 840003130274115 | | | | | | |
| RUANN MASONIC TAUNA-55184 | 840003130274563 | | | | | | |
| RUANN MASONIC TAUNA-55186 | 840003130274565 | | | | | | |
| RUANN MASONIC TAUNA-61559 | 840003133419339 | C | | | | | |
| RUANN MASONIC TEMPEST-55166 | 840003130274545 | | | | | | 1 |
| RUANN MASONIC TRIGGER-56029 | 840003133418809 | | | | | | |
| RUANN MASSEY ANN-45800-ET | 840003126825161 | | | | | | |
| RUANN MASSEY ANN-45826-ET | 840003126825187 | | | | | | |
| RUANN MASSEY LUCASTA-40766 | 840003014226903 | | | | | | |
| RUANN MASSEY MERLA-44220-ET | 840003124682709 | | | | | | |
| RUANN MASSEY MERLA-44266-ET | 840003124682755 | | | | | | |
| RUANN MASSEY MERLA-44311-ET | 840003124682800 | | | | | | |
| RUANN MATTIE IRISH-21067 | USA 61002557 | | | | | | |
| RUANN MAXIM CHARMER-62124 | 840003133419904 | | | | | | |
| RUANN MAXIM LANELLE-62197 | 840003133419977 | | | | | | |
| RUANN MAY BESSY-31791-ET | 840003011522759 | | | | | | |
| RUANN MAY BESSY-32346-ET | 840003011523314 | | | C | | | |
| RUANN MAY CHARMER-25704-ET | 840003011179031 | | | C | | | |
| RUANN MAY CHARMER-32030-ET | 840003011522998 | | | C | | | |
| RUANN MAY CHARMER-32165-ET | 840003011523133 | | | C | | | |
| RUANN MAY CHARMER-34192-ET | 840003012218840 | | | C | | | |
| RUANN MAY CHARMER-34317-ET | 840003012218965 | | | | | | |
| RUANN MAY ECHO-32084-ET | 840003011523052 | | | C | | | |
| RUANN MAY IRISH-25906-ET | 840003011179233 | | | C | | | |
| RUANN MAY KINGPIN-26389 | 840003011179716 | | | | | | |
| RUANN MAY MERLA-25669-ET | 840003011178996 | | | | | | |
| RUANN MAY MERLA-25980-ET | 840003011179307 | | | C | | | |
| RUANN MAY MERLA-32286-ET | 840003011523254 | C | | | | | |
| RUANN MAY MERLA-32316-ET | 840003011523284 | | | C | | | |
| RUANN MAY MILDRED-54071-TW | 840003130273450 | | | | | | |
| RUANN MAY MILDRED-54072-TW | 840003130273451 | | | | | | |
| RUANN MAY POSCH-26547-ET | 840003011179874 | | | | | | |
| RUANN MAY STELLA-21074-ET | 840003009754796 | | | C | | | |
| RUANN MAY TRINKET-32147-ET | 840003011523115 | | | | | | |
| RUANN MAY TRINKET-32195-ET | 840003011523163 | | | | | | |
| RUANN MAY TRINKET-32265-ET | 840003011523233 | | | C | | | |
| RUANN MAYFD STELLA-21104-ET | 840003009754826 | | | | | | |
| RUANN MAYFIE BOOTS-25689-ET | 840003011179016 | | | | | | |
| RUANN MAYFIELD ELLA-21281 | 840003009755003 | | | | | | |
| RUANN MAYLAY AILEEN-54980 | 840003130274359 | | | | | | |
| RUANN MAYLAY ANDREA-54058 | 840003130273437 | | | | | | |
| RUANN MAYLAY AVENGER-56162 | 840003133418942 | | | | | | |
| RUANN MAYLAY BASKEN-55517 | 840003133418297 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MAYLAY BRAYLEE-54444 | 840003130273823 | | | | | | |
| RUANN MAYLAY DORINDA-53871 | 840003130273250 | | | | | | |
| RUANN MAYLAY DORINDA-55348 | 840003130274727 | | | | | | |
| RUANN MAYLAY DORINDA-55356 | 840003130274735 | | | | | | |
| RUANN MAYLAY DORINDA-55483 | 840003130274862 | | | | | | |
| RUANN MAYLAY ECHO-54375 | 840003130273754 | | | | | | |
| RUANN MAYLAY ECHO-54523 | 840003130273902 | | | | | | |
| RUANN MAYLAY ECHO-55198 | 840003130274577 | | | | | | |
| RUANN MAYLAY ECHO-55375 | 840003130274754 | | | | | | |
| RUANN MAYLAY ELLIE-54061 | 840003130273440 | | | | | | |
| RUANN MAYLAY FAMOUS-54422 | 840003130273801 | | | | | | |
| RUANN MAYLAY FOBES-54679 | 840003130274058 | C | | | | | |
| RUANN MAYLAY FOBES-55160 | 840003130274539 | | | | | | |
| RUANN MAYLAY GLORY-54561 | 840003130273940 | | | | | | |
| RUANN MAYLAY GLORY-55110-TW | 840003130274489 | | | | | C | |
| RUANN MAYLAY GLORY-55111-TW | 840003130274490 | | | | | | |
| RUANN MAYLAY GLORY-55385 | 840003130274764 | | | | | | |
| RUANN MAYLAY GLORY-55455 | 840003130274834 | | | | | | 1 |
| RUANN MAYLAY GLOSS-54511 | 840003130273890 | | | | | | 1 |
| RUANN MAYLAY GRATEFUL-55698 | 840003133418478 | | | | | | |
| RUANN MAYLAY HANNAH-54890 | 840003130274269 | | | | | | |
| RUANN MAYLAY HELENE-54255 | 840003130273634 | C | | | | | |
| RUANN MAYLAY IRISH-54280-TW | 840003130273659 | | | | | | |
| RUANN MAYLAY IRISH-54281-TW | 840003130273660 | | | | | | |
| RUANN MAYLAY IVORY-53911 | 840003130273290 | | | | | | |
| RUANN MAYLAY JEANETTA-54907 | 840003130274286 | | | | | | |
| RUANN MAYLAY JUDE-55224-TW | 840003130274603 | | | | | | |
| RUANN MAYLAY JUDE-55225-TW | 840003130274604 | | | | | | |
| RUANN MAYLAY KATHY-53932 | 840003130273311 | | | | | | |
| RUANN MAYLAY LUCY-53924 | 840003130273303 | | | | | | |
| RUANN MAYLAY LX-54759 | 840003130274138 | | | | | | |
| RUANN MAYLAY MAIDEN-56228 | 840003133419008 | | | | | | |
| RUANN MAYLAY MERLA-53904 | 840003130273283 | | | | | | |
| RUANN MAYLAY MERLA-53917 | 840003130273296 | | | | | | |
| RUANN MAYLAY MERLA-54294 | 840003130273673 | | | | | | |
| RUANN MAYLAY MERLA-54586 | 840003130273965 | | | | | | |
| RUANN MAYLAY MERLA-54674 | 840003130274053 | | | | | | |
| RUANN MAYLAY MERLA-55123 | 840003130274502 | | | | | | |
| RUANN MAYLAY MERLA-55234 | 840003130274613 | | | | | | |
| RUANN MAYLAY ROSALYN-53948 | 840003130273327 | | | | | | |
| RUANN MAYLAY ROSIE-54446 | 840003130273825 | | | | | | |
| RUANN MAYLAY ROSIE-55290 | 840003130274669 | | | | | | |
| RUANN MAYLAY SACHSE-55750 | 840003133418530 | | | | | | |
| RUANN MAYLAY SACHSE-56283 | 840003133419063 | | | | | | |
| RUANN MAYLAY SANDRA-53863 | 840003130273242 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MAYLAY SILVA-54539 | 840003130273918 | | | | | | 1 |
| RUANN MAYLAY SKOKIE-55007 | 840003130274386 | C | | | | | |
| RUANN MAYLAY SUGAR-55751-TW | 840003133418531 | | | | | | |
| RUANN MAYLAY SUGAR-55752-TW | 840003133418532 | | | C | | | |
| RUANN MAYLAY TAUNA-54682 | 840003130274061 | | | | | | |
| RUANN MAYLAY TAUNA-54695 | 840003130274074 | | | | | | |
| RUANN MAYLAY TAUNA-55078 | 840003130274457 | | | | | | |
| RUANN MAYLAY TRINKET-54342 | 840003130273721 | | | | | | |
| RUANN MAYLAY TRINKET-54748 | 840003130274127 | | | | | | |
| RUANN MAYLAY TWINKLE-54882 | 840003130274261 | | | | | | |
| RUANN MAYLAY TWINKLES-54493 | 840003130273872 | | | | | | |
| RUANN MC ANDREA-53350-ET | 840003127269454 | | | | | | |
| RUANN MC BAMSTAR-53857-ET | 840003130273236 | | | | | | |
| RUANN MC BAMSTAR-61777-ET | 840003133419557 | | | | | | |
| RUANN MC BAMSTAR-61831-ET | 840003133419611 | | | | | | |
| RUANN MC DORINDA-53307-ET | 840003127269411 | | | | | | |
| RUANN MC DORINDA-53340-ET | 840003127269444 | | | | | | |
| RUANN MC DORINDA-53355-ET | 840003127269459 | | | | | | |
| RUANN MC DORINDA-55685-ET | 840003133418465 | | | | | | |
| RUANN MC GRAW DELUX-54008 | 840003130273387 | | | | | | |
| RUANN MC GRAW MERLA-53664 | 840003130273043 | | | | | | 1 |
| RUANN MC MELANIE-44602-ET | 840003124683091 | | | | | | |
| RUANN MC MELANIE-44665-ET | 840003124683154 | | | | | | |
| RUANN MC MELANIE-55416-ET | 840003130274795 | | | | | | |
| RUANN MC MELANIE-55468-ET | 840003130274847 | | | | | | |
| RUANN MC TRINKET-35140-ET | 840003012219788 | | | | | | |
| RUANN MC TRINKET-35159-ET | 840003012219807 | | | | | | |
| RUANN MC TRINKET-45363-ET | 840003124683852 | | | | | | |
| RUANN MCCU BAMSTAR-53920-ET | 840003130273299 | | | | | | |
| RUANN MCCU DORINDA-55721-ET | 840003133418501 | | | | | | |
| RUANN MCCU TRINKET-52220-ET | 840003127268324 | | | | | | 1 |
| RUANN MCCU TRINKET-52244-ET | 840003127268348 | | | | | | |
| RUANN MCCUT ANDREA-53459-ET | 840003127269563 | | | | | | |
| RUANN MCCUT ANDREA-62002-ET | 840003133419782 | | | | | | |
| RUANN MCCUT ANDREA-62005-ET | 840003133419785 | | | | | | |
| RUANN MCCUT ANDREA-62038-ET | 840003133419818 | | | | | | |
| RUANN MCCUT ANDREA-62057-ET | 840003133419837 | | | | | | |
| RUANN MCCUT ANDREA-62081-ET | 840003133419861 | | | | | | |
| RUANN MCCUT BETSY-42101-ET | 840003013922164 | | | | | | |
| RUANN MCCUT BONNIE-53586-ET | 840003130272965 | | | | | | |
| RUANN MCCUT BONNIE-53663-ET | 840003130273042 | | | | | | |
| RUANN MCCUT BONNIE-53668-ET | 840003130273047 | | | | | | |
| RUANN MCCUT BONNIE-54846-ET | 840003130274225 | | | | | | |
| RUANN MCCUT BONNIE-54934-ET | 840003130274313 | | | | | | |
| RUANN MCCUT DELUX-30319 | 840003011579607 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MCCUT DELUX-41049-ET | 840003014227186 | | | | | | |
| RUANN MCCUT DELUX-53326-ET | 840003127269430 | C | | | | | |
| RUANN MCCUT DORINDA-55835 | 840003133418615 | | | | | | |
| RUANN MCCUT ECHO-30762 | 840003011580050 | | | | | | |
| RUANN MCCUT ECHO-31075-ET | 840003011580363 | | | | | | |
| RUANN MCCUT ECHO-44234-ET | 840003124682723 | | | | | | |
| RUANN MCCUT ECHO-44560-ET | 840003124683049 | | | | | | |
| RUANN MCCUT ECHO-44575-ET | 840003124683064 | | | | | | |
| RUANN MCCUT ECHO-44698-ET | 840003124683187 | | | | | | |
| RUANN MCCUT GLORY-52591-ET | 840003127268695 | | | | | | |
| RUANN MCCUT GLORY-55009-ET | 840003130274388 | | | | | | |
| RUANN MCCUT GLORY-55052-ET | 840003130274431 | | | | | | |
| RUANN MCCUT IRISH-53336-ET | 840003127269440 | | | | | | |
| RUANN MCCUT IRISH-53417-ET | 840003127269521 | | | | | | |
| RUANN MCCUT IRISH-54042-ET | 840003130273421 | | | | | | |
| RUANN MCCUT IRISH-54060-ET | 840003130273439 | | | | | | |
| RUANN MCCUT KIDDY-30346 | 840003011579634 | | | | | | |
| RUANN MCCUT KRISTA-46000-ET | 840003126825361 | | | | | | |
| RUANN MCCUT KRISTA-52010-ET | 840003127268114 | | | | | | |
| RUANN MCCUT KRISTA-52071-ET | 840003127268175 | | | | | | |
| RUANN MCCUT KRISTA-52093-ET | 840003127268197 | | | | | | |
| RUANN MCCUT KRISTA-52101-ET | 840003127268205 | | | | | | |
| RUANN MCCUT KRISTA-52151-ET | 840003127268255 | | | | | | |
| RUANN MCCUT KRISTA-52205-ET | 840003127268309 | | | | | | |
| RUANN MCCUT MERLA-30637-ET | 840003011579925 | | | | | | |
| RUANN MCCUT MERLA-30655-ET | 840003011579943 | C | | | | | |
| RUANN MCCUT MERLA-33216-ET | 840003011524184 | C | | | | | |
| RUANN MCCUT MERLA-33218-ET | 840003011524186 | C | | | | | |
| RUANN MCCUT MERLA-33227-ET | 840003011524195 | | | | | | |
| RUANN MCCUT MERLA-34362-ET | 840003012219010 | | | | | | |
| RUANN MCCUT MERLA-40584-ET | 840003014226721 | C | | | | | |
| RUANN MCCUT MERLA-43695-ET | 840003124682184 | | | | | | |
| RUANN MCCUT MERLA-43838-ET | 840003124682327 | C | | | | | |
| RUANN MCCUT MERLA-44658-ET | 840003124683147 | | | | | | |
| RUANN MCCUT MERLA-44716-ET | 840003124683205 | | | | | | |
| RUANN MCCUT MERLA-44776-ET | 840003124683265 | | | | | | |
| RUANN MCCUT MERLA-50436-ET | 840003127759190 | | | | | | |
| RUANN MCCUT MERLA-53639-ET | 840003130273018 | | | | | | |
| RUANN MCCUT MERLA-54447-ET | 840003130273826 | | | | | | |
| RUANN MCCUT MERLA-54478-ET | 840003130273857 | C | | | | | |
| RUANN MCCUT MERLA-54504-ET | 840003130273883 | C | | | | | |
| RUANN MCCUT MERLA-54553-ET | 840003130273932 | C | | | | | |
| RUANN MCCUT MERLA-61509-ET | 840003133419289 | | | | | | |
| RUANN MCCUT PEGGY-52507-ET | 840003127268611 | | | | | | |
| RUANN MCCUT PEGGY-52569-ET | 840003127268673 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MCCUT POSCH-30437-ET | 840003011579725 | C | | | | | |
| RUANN MCCUT POSCH-30441-ET | 840003011579729 | C | | | | | |
| RUANN MCCUT POSCH-33453-ET | 840003011524421 | C | | | | | |
| RUANN MCCUT POSCH-34199-ET | 840003012218847 | | | | | | |
| RUANN MCCUT POSCH-34238-ET | 840003012218886 | | | | | | |
| RUANN MCCUT POSCH-40563-ET | 840003014226700 | C | | | | | |
| RUANN MCCUT POSCH-40580-ET | 840003014226717 | C | | | | | |
| RUANN MCCUT POSCH-43727-ET | 840003124682216 | | | | | | |
| RUANN MCCUT POSCH-43736-ET | 840003124682225 | | | | | | |
| RUANN MCCUT POSCH-43796-ET | 840003124682285 | | | | | | |
| RUANN MCCUT POSCH-43804-ET | 840003124682293 | | | | | | |
| RUANN MCCUT POSCH-53407-ET | 840003127269511 | | | | | | |
| RUANN MCCUT POSCH-53431-ET | 840003127269535 | | | | | | |
| RUANN MCCUT POSCH-53491-ET | 840003127269595 | | | | | | |
| RUANN MCCUT QUEEN-56223-ET | 840003133419003 | | | | | | |
| RUANN MCCUT QUEEN-56288-ET | 840003133419068 | | | | | C | |
| RUANN MCCUT SHEEN-50109-ET | 840003127758863 | | | C | | | |
| RUANN MCCUT SHENNA-51763-ET | 840003127267867 | | | | | | |
| RUANN MCCUT SUGAR-53679-ET | 840003130273058 | | | | | | |
| RUANN MCCUT SUGAR-53683-ET | 840003130273062 | | | | | | |
| RUANN MCCUT SUGAR-53735-ET | 840003130273114 | | | | | | |
| RUANN MCCUT SUGAR-53744-ET | 840003130273123 | | | | | | |
| RUANN MCCUT SUGAR-61505-ET | 840003133419285 | | | | | | |
| RUANN MCCUTC DELUX-45444-ET | 840003124683933 | | | | | | |
| RUANN MCCUTC ECHO-35235-ET | 840003012219883 | | | | | | |
| RUANN MCCUTC FOBES-53776-ET | 840003130273155 | | | | | | |
| RUANN MCCUTC FOBES-53802-ET | 840003130273181 | | | | | | |
| RUANN MCCUTC FOBES-53819-ET | 840003130273198 | | | | | | |
| RUANN MCCUTC GLORY-45572-ET | 840003126824933 | | | | | | |
| RUANN MCCUTC GLORY-52916-ET | 840003127269020 | | | | | | |
| RUANN MCCUTC GLORY-55301-ET | 840003130274680 | | | | | | |
| RUANN MCCUTC GLORY-55873-ET | 840003133418653 | | | | | | |
| RUANN MCCUTC GLORY-61875-ET | 840003133419655 | | | | | | |
| RUANN MCCUTC LOLA-46139-ET | 840003126825500 | | | | | | |
| RUANN MCCUTC MERLA-43828-ET | 840003124682317 | | | | | | |
| RUANN MCCUTC MERLA-43898-ET | 840003124682387 | | | | | | |
| RUANN MCCUTC MERLA-61569-ET | 840003133419349 | | | | | | |
| RUANN MCCUTC MERLA-61642-ET | 840003133419422 | | | | | | |
| RUANN MCCUTC MOLLY-53756-ET | 840003130273135 | | | | | | |
| RUANN MCCUTC MOLLY-53781-ET | 840003130273160 | | | | | | |
| RUANN MCCUTC MOLLY-53816-ET | 840003130273195 | C | | | | | |
| RUANN MCCUTC PAULA-53656-ET | 840003130273035 | | | | | | 1 |
| RUANN MCCUTC PEGGY-52473-ET | 840003127268577 | | | | | | |
| RUANN MCCUTC PEGGY-53107-ET | 840003127269211 | | | | | | |
| RUANN MCCUTC PEGGY-53109-ET | 840003127269213 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MCCUTC PEGGY-53121-ET | 840003127269225 | | | | | | |
| RUANN MCCUTC PEGGY-53125-ET | 840003127269229 | | | | | | |
| RUANN MCCUTC PEGGY-53130-ET | 840003127269234 | | | | | | |
| RUANN MCCUTC PEGGY-53172-ET | 840003127269276 | | | | | | |
| RUANN MCCUTC PEGGY-53181-ET | 840003127269285 | | | | | | |
| RUANN MCCUTC POSCH-43910-ET | 840003124682399 | | | | | | |
| RUANN MCCUTC POSCH-45578-ET | 840003126824939 | | | | | | |
| RUANN MCCUTC SUGAR-61521-ET | 840003133419301 | | | | | | |
| RUANN MCCUTC SUGAR-61549-ET | 840003133419329 | | | | | | |
| RUANN MCCUTCH ALICIA-50957 | 840003127759711 | | | | | | |
| RUANN MCCUTCH ALLI-51509-ET | 840003127267613 | | | | | | |
| RUANN MCCUTCH ANN-54293-ET | 840003130273672 | | | | | | |
| RUANN MCCUTCH ECHO-33850-ET | 840003012218498 | | | | | | |
| RUANN MCCUTCH ECHO-35251-ET | 840003012219899 | | | | | | |
| RUANN MCCUTCH ECHO-41617-ET | 840003013921680 | | | | | | |
| RUANN MCCUTCH ECHO-44391-ET | 840003124682880 | | | | | | |
| RUANN MCCUTCH ECHO-44924-ET | 840003124683413 | | | | | | |
| RUANN MCCUTCH ECHO-53250-ET | 840003127269354 | | | | | | |
| RUANN MCCUTCH ECHO-53303-ET | 840003127269407 | | | | | | |
| RUANN MCCUTCH ECHO-53357-ET | 840003127269461 | | | | | | |
| RUANN MCCUTCH ECHO-53371-ET | 840003127269475 | | | | | | |
| RUANN MCCUTCH ECHO-53545-ET | 840003130272924 | | | | | | |
| RUANN MCCUTCH ECHO-53576-ET | 840003130272955 | | | | | | |
| RUANN MCCUTCH ECHO-53608-ET | 840003130272987 | | | | | | |
| RUANN MCCUTCH ECHO-53624-ET | 840003130273003 | | | | | | |
| RUANN MCCUTCH ECHO-53699-ET | 840003130273078 | | | | | | |
| RUANN MCCUTCH ECHO-54795-ET | 840003130274174 | | | | | | |
| RUANN MCCUTCH ECHO-55435-ET | 840003130274814 | | | | | | |
| RUANN MCCUTCH JEAN-45844-ET | 840003126825205 | | | | | | |
| RUANN MCCUTCH JEAN-53287-ET | 840003127269391 | | | | | | |
| RUANN MCCUTCH JEAN-53300-ET | 840003127269404 | | | | | | |
| RUANN MCCUTCH JEAN-53338-ET | 840003127269442 | | | | | | |
| RUANN MCCUTCH JEAN-53342-ET | 840003127269446 | | | C | | | |
| RUANN MCCUTCH JEAN-53556-ET | 840003130272935 | | | | | | |
| RUANN MCCUTCH JEAN-53613-ET | 840003130272992 | | | | | | |
| RUANN MCCUTCH JEAN-53620-ET | 840003130272999 | | | C | | | |
| RUANN MCCUTCH JEAN-62125-ET | 840003133419905 | | | | | | |
| RUANN MCCUTCH LOLA-55126-ET | 840003130274505 | | | | | | |
| RUANN MCCUTCH LOLA-55163-ET | 840003130274542 | | | | | | |
| RUANN MCCUTCH LOLA-55263-ET | 840003130274642 | | | | | | |
| RUANN MCCUTCH LOLA-55372-ET | 840003130274701 | | | | | | |
| RUANN MCCUTCH ROXY-53013-ET | 840003127269117 | | | | | | |
| RUANN MCCUTCH ROXY-53052-ET | 840003127269156 | | C | | | | |
| RUANN MCCUTCH ROXY-53093-ET | 840003127269197 | | C | | | | |
| RUANN MCCUTCH WHIM-44146-ET | 840003124682635 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MCCUTCHEN DELUX-50827 | 840003127759581 | | | | | | |
| RUANN MCCUTCHEN JEAN-54937 | 840003130274316 | | | | | | |
| RUANN MCCUTCHEN JESSE-55862 | 840003133418642 | | | | | | |
| RUANN MCCUTCHEN LOLA-50433 | 840003127759187 | | | | | | |
| RUANN MCCUTCHEN MOLLY-50298 | 840003127759052 | | | | | | |
| RUANN MCCUTCHEN PEGGY-54941 | 840003130274320 | | | | | | |
| RUANN MCCUTCHEN SHEEN-51077 | 840003127759831 | | | | | | |
| RUANN MCGRAW DELUX-50746 | 840003127759500 | | | | | | 1 |
| RUANN MELCORE HELEN-41092 | USA 61991777 | | | C | | | |
| RUANN MEM MARAUDER-84854-TW | USA 66362457 | C | | | | | |
| RUANN MEMO BESSY-93554 | 840003005124522 | | | | | | |
| RUANN MEMO BETTY-92088 | 840003005123056 | C | | | | | |
| RUANN MEMO GLORY-92006-TW | 840003005122974 | C | | | | | |
| RUANN MEMO MARGIE-85840 | USA 66610075 | C | | | | | |
| RUANN MEMO MELANIE-84982 | USA 66362547 | | | C | | | |
| RUANN MEMO MERLA-91883 | 840003005122851 | C | | | | | |
| RUANN MEMO MYRT-91749 | 840003005122717 | | | | | | |
| RUANN MEMO NORAIN-93542 | 840003005124510 | | | | | | |
| RUANN MEMO PANCE-91593 | 840003005122561 | | | | | | |
| RUANN MEMO SIS-85921 | USA 66833541 | | | | | | |
| RUANN MEMO SUE-91834 | 840003005122802 | C | | | | | |
| RUANN MEMO-93539 | 840003005124507 | C | | | | | |
| RUANN MEMORY LANCELOT-84302 | USA 66171838 | | | | | | |
| RUANN MEMORY SUGAR-84908 | USA 66362496 | | | C | | | |
| RUANN MEMORY-83063 | USA 65912567 | C | | | | | |
| RUANN MENU HANDMAID-91534 | 840003005122502 | | | | | | |
| RUANN MENU IRISH-85504 | USA 66534251 | | | | | | |
| RUANN MENU LORI-85219 | USA 66462886 | | | | | | |
| RUANN MENU MAGIC-85833 | USA 66610069 | | | | | | |
| RUANN MENU PANDORA-85474 | USA 66534228 | | | | | | |
| RUANN MENU TAUNA-85616 | USA 66562089 | | | | | | |
| RUANN MENU-91689-TW | 840003005122657 | | | | | | |
| RUANN MENU-91692-TW | 840003005122660 | | | | | | |
| RUANN MERCH BONNIE-30678-ET | USA 61216715 | | | | | | |
| RUANN MERCH GLORY-34125-ET | USA 61585014 | | | | | | |
| RUANN MERCHANT ELLIE-40830 | USA 61991515 | | | | | | |
| RUANN MERCHANT PAIGE-30944 | USA 61526299 | | | | | | |
| RUANN MESQUITE ANDREA-61227 | USA 62727510 | | | | | | |
| RUANN MESQUITE DELUX-71157 | USA 63614504 | | | | | | |
| RUANN MET BEATRICE-53000-ET | 840003127269104 | | | | | | |
| RUANN MET DORINDA-45908-ET | 840003126825269 | C | | | | | |
| RUANN MET GRATEFUL-44502-ET | 840003124682991 | | | | | | |
| RUANN METEO KRISTA-52094-ET | 840003127268198 | | | | | | |
| RUANN METEO KRISTA-52135-ET | 840003127268239 | | | | | | |
| RUANN METEO KRISTA-52162-ET | 840003127268266 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN METEOR DREAM-53794-ET | 840003130273173 | | | | | | |
| RUANN METEOR ECHO-44802-ET | 840003124683291 | | | | | | |
| RUANN METEOR ECHO-44899 | 840003124683388 | | | | | | |
| RUANN METEOR ECHO-44908-ET | 840003124683397 | | | | | | |
| RUANN METEOR ELLIE-52499-ET | 840003127268603 | | | | | | |
| RUANN METEOR ELLIE-52517-ET | 840003127268621 | | | | | | |
| RUANN METEOR ELLIE-52601-ET | 840003127268705 | | | | | | |
| RUANN METEOR ELLIE-52634-ET | 840003127268738 | | | | | | |
| RUANN METEOR ELLIE-52653-ET | 840003127268757 | | | | | | |
| RUANN METEOR ELLIE-52668-ET | 840003127268772 | | | | | | |
| RUANN METEOR GLORY-46163-ET | 840003126825524 | | | | | | |
| RUANN METEOR GLORY-46297-ET | 840003126825658 | | | | | | |
| RUANN METEOR KRISTA-45752 | 840003126825113 | | | | | | |
| RUANN METEOR MERLA-42665-ET | 840003013922728 | | | | | | |
| RUANN METEOR MERLA-42724-ET | 840003013922787 | | | | | | |
| RUANN METEOR MERLA-45615-ET | 840003126824976 | | | | | | |
| RUANN METEOR MERLA-45737-ET | 840003126825098 | | | | | | |
| RUANN METEOR MOLLY-52034-ET | 840003127268138 | | | | | | |
| RUANN METEOR MOLLY-52237-ET | 840003127268341 | C | | | | | |
| RUANN METEOR MOLLY-52628-ET | 840003127268732 | C | | | | | |
| RUANN METEOR MOLLY-52636-ET | 840003127268740 | C | | | | | |
| RUANN METEOR MOLLY-52677-ET | 840003127268781 | C | | | | | |
| RUANN METEOR MOLLY-55448-ET | 840003130274827 | | | | | | |
| RUANN METEOR POSCH-42737-ET | 840003013922800 | | | | | | |
| RUANN METEOR POSCH-42743-ET | 840003013922806 | | | | | | |
| RUANN METEOR POSCH-42769-ET | 840003013922832 | | | | | | |
| RUANN METEOR POSCH-42799-ET | 840003013922862 | | | | | | |
| RUANN METEOR POSCH-42803-ET | 840003013922866 | | | | | | |
| RUANN METEOR POSCH-42817-ET | 840003013922880 | | | | | | |
| RUANN METEOR POSCH-42856-ET | 840003013922919 | | | | | | |
| RUANN METR DORINDA 43043-ET | USA 61936048 | | | | | | |
| RUANN METRO ECHO-50631 | USA 62119886 | | | | | | |
| RUANN METRO GLORY-72661-ET | USA 64490164 | | | | | | |
| RUANN MGISTRATE MERLA-31058 | 840003011580346 | | | | | | |
| RUANN MGISTRATE MERLA-43987 | 840003124682476 | | | | | C | |
| RUANN MIC KRISTA-32726-ET | 840003011523694 | | | | | | |
| RUANN MIC TRIGGER-42124-RED | 840003013922187 | | | | | | 1 |
| RUANN MICKEY JUDE-42556-ET | 840003013922619 | | | | | | |
| RUANN MICKEY JUDE-42728-ET | 840003013922791 | | | | | | |
| RUANN MICKEY JUDE-42757-ET | 840003013922820 | | | | | | |
| RUANN MICKEY SUGAR-52438-ET | 840003127268542 | | | | | | |
| RUANN MICKEY SUGAR-61879-ET | 840003133419659 | | | | | | |
| RUANN MICKEY SUGAR-61910-ET | 840003133419690 | | | | | | |
| RUANN MICKEY SUGAR-61912-ET | 840003133419692 | | | | | | |
| RUANN MICKEY SUGAR-61915-ET | 840003133419695 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MICRO MERLA-42085-RED | 840003013922148 | | | | | | 1 |
| RUANN MIG CAROLENA-43568-TW | 840003124682057 | | | | | | |
| RUANN MIG CAROLENA-43569-TW | 840003124682058 | | | | | | |
| RUANN MIGI DORINDA-43635-TW | 840003124682124 | | | | | | |
| RUANN MIGI DORINDA-43636-TW | 840003124682125 | | | | | | |
| RUANN MIGI ORCHID-35957 | 840003012220605 | | | | | | |
| RUANN MIGIS ANDREA-43574 | 840003124682063 | | | | | | |
| RUANN MIGIS ANDREA-44771 | 840003124683260 | | | | | | |
| RUANN MIGIS ANGELINA-43623 | 840003124682112 | | | | | | |
| RUANN MIGIS ARIANA-44207 | 840003124682696 | C | | | | | |
| RUANN MIGIS BARDOT-42920 | 840003013922983 | | | | | | |
| RUANN MIGIS BECKY-42565 | 840003013922628 | | | | | | |
| RUANN MIGIS BECKY-42711 | 840003013922774 | | | | | | |
| RUANN MIGIS BESSIE-43712 | 840003124682201 | | | | | | 1 |
| RUANN MIGIS BESSIE-44140 | 840003124682629 | | | | | | |
| RUANN MIGIS BETHA-36524 | 840003013920687 | | | | | | |
| RUANN MIGIS BETSY-42668 | 840003013922731 | | | | | | |
| RUANN MIGIS BIRD-42621 | 840003013922684 | | | | | | |
| RUANN MIGIS BLISSFUL-44109 | 840003124682598 | | | | | | |
| RUANN MIGIS BONNIE-36243 | 840003013920406 | | | | | | |
| RUANN MIGIS CARLA-44296 | 840003124682785 | | | | | | |
| RUANN MIGIS CHARMER-42549 | 840003013922612 | | | | | | |
| RUANN MIGIS CHERISE-43535 | 840003124682024 | | | | | | 3 |
| RUANN MIGIS CONSTANCE-36163 | 840003013920326 | C | | | | | |
| RUANN MIGIS CONSTANCE-43057 | 840003013923120 | | | | | | |
| RUANN MIGIS CORRY-43411 | 840003013923474 | | | | | | |
| RUANN MIGIS CORRY-43906 | 840003124682395 | | | | | | |
| RUANN MIGIS DAISY-36332 | 840003013920495 | | | | | | |
| RUANN MIGIS DAZZLER-42693 | 840003013922756 | | | | | | |
| RUANN MIGIS DELUX-43872 | 840003124682361 | | | | | | |
| RUANN MIGIS DORINDA-42519 | 840003013922582 | | | | | | |
| RUANN MIGIS DORINDA-42660 | 840003013922723 | | | | | | |
| RUANN MIGIS DORINDA-44037 | 840003124682526 | | | | | | |
| RUANN MIGIS DORINDA-44076 | 840003124682565 | | | | | | |
| RUANN MIGIS DORINDA-44720 | 840003124683209 | | | | | | |
| RUANN MIGIS DORINDA-44891 | 840003124683380 | | | | | | |
| RUANN MIGIS DORINDA-45119 | 840003124683608 | | | | | | |
| RUANN MIGIS DREAM-44736 | 840003124683225 | | | | | | |
| RUANN MIGIS ELLIE-36267 | 840003013920430 | | | C | | | |
| RUANN MIGIS ELLIE-43494 | 840003013923557 | | | | | | |
| RUANN MIGIS FANNIE-43995 | 840003124682484 | | | | | | |
| RUANN MIGIS GLORY-31257 | 840003011580545 | | | | | | |
| RUANN MIGIS GLORY-42311 | 840003013922374 | | | | | | |
| RUANN MIGIS GLORY-42533 | 840003013922596 | | | C | | | |
| RUANN MIGIS GLORY-43377 | 840003013923440 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MIGIS GLORY-43432 | 840003013923495 | | | | | | |
| RUANN MIGIS GLORY-43858-TW | 840003124682347 | | | C | | | |
| RUANN MIGIS GLORY-43859-TW | 840003124682348 | | | C | | | |
| RUANN MIGIS GLORY-44223 | 840003124682712 | | | | | | |
| RUANN MIGIS GLORY-44232 | 840003124682721 | | | | | | |
| RUANN MIGIS GLORY-44365 | 840003124682854 | | | | | | |
| RUANN MIGIS GLORY-44612 | 840003124683101 | | | | | | |
| RUANN MIGIS GLORY-44739 | 840003124683228 | | | | | | |
| RUANN MIGIS GRATEFUL-43970 | 840003124682459 | | | | | | |
| RUANN MIGIS HANDMAID-43564 | 840003124682053 | | | | | | |
| RUANN MIGIS HANNY-42876 | 840003013922939 | | | | | | |
| RUANN MIGIS HOKONA-43996 | 840003124682485 | | | | | | |
| RUANN MIGIS IRISH-42374 | 840003013922437 | | | | | | |
| RUANN MIGIS JANET-43342 | 840003013923405 | | | | | | |
| RUANN MIGIS JANET-44703 | 840003124683192 | | | | | | |
| RUANN MIGIS JEAN-42684-TW | 840003013922747 | | | | | | |
| RUANN MIGIS JEAN-42685-TW | 840003013922748 | | | | | | |
| RUANN MIGIS JESSE-42664 | 840003013922727 | | | | | | |
| RUANN MIGIS JESSE-43908 | 840003124682397 | | | | | | |
| RUANN MIGIS KATHY-36375 | 840003013920538 | | | | | | |
| RUANN MIGIS LAIRD-43376 | 840003013923439 | | | | | | |
| RUANN MIGIS LANELLE-43255 | 840003013923318 | | | | | | |
| RUANN MIGIS LORENA-43097 | 840003013923160 | | | | | | |
| RUANN MIGIS LOUISE-36262 | 840003013920425 | | | | | | |
| RUANN MIGIS LUCY-44056 | 840003124682545 | | | | | | |
| RUANN MIGIS MAIDEN-36456 | 840003013920619 | | | | | | |
| RUANN MIGIS MAIDEN-42553 | 840003013922616 | | | | | | |
| RUANN MIGIS MAIDEN-42627 | 840003013922690 | | | | | | |
| RUANN MIGIS MEGAN-36230 | 840003013920393 | | | | | | |
| RUANN MIGIS MELANIE-43192 | 840003013923255 | | | | | | |
| RUANN MIGIS MELANIE-43694 | 840003124682183 | | | | | | |
| RUANN MIGIS MEME-43691-TW | 840003124682180 | | | | | | 3 |
| RUANN MIGIS MEME-43692-TW | 840003124682181 | | | | | | |
| RUANN MIGIS MERLA-36314 | 840003013920477 | | | | | | |
| RUANN MIGIS MERLA-42683 | 840003013922746 | | | | | | 1 |
| RUANN MIGIS MERLA-42687 | 840003013922750 | | | | | | |
| RUANN MIGIS MERLA-43506 | 840003124681995 | | | | | | |
| RUANN MIGIS MERLA-44215-TW | 840003124682704 | | | | | | 1 |
| RUANN MIGIS MERLA-44809 | 840003124683298 | | | | | | |
| RUANN MIGIS MINNIE-43754 | 840003124682243 | | | | | | |
| RUANN MIGIS PANDORA-43220 | 840003013923283 | | | | | | |
| RUANN MIGIS PARIS-36390 | 840003013920553 | | | | | | |
| RUANN MIGIS PATCHES-36266 | 840003013920429 | | | | | | |
| RUANN MIGIS PEBBLES-44555 | 840003124683044 | | | | | | |
| RUANN MIGIS PEGGY-42615 | 840003013922678 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MIGIS PEGGY-43497-TW | 840003013923560 | | | | | | |
| RUANN MIGIS PEGGY-43498-TW | 840003013923561 | | | | | | |
| RUANN MIGIS PEPSI-42558 | 840003013922621 | | | | | | |
| RUANN MIGIS POLLY-42414 | 840003013922477 | | | | | | |
| RUANN MIGIS PRINCESS-42969 | 840003013923032 | | | | | | |
| RUANN MIGIS PRINCESS-43207 | 840003013923270 | | | | | | |
| RUANN MIGIS ROSALYN-42795 | 840003013922858 | | | | | | |
| RUANN MIGIS ROSALYN-43014 | 840003013923077 | C | | | | | |
| RUANN MIGIS RUSSMATT-43234 | 840003013923297 | | | | | | |
| RUANN MIGIS SACHSE-36205 | 840003013920368 | | | | | | |
| RUANN MIGIS SILVA-44622 | 840003124683111 | | | | | | 1 |
| RUANN MIGIS SUGAR-42366 | 840003013922429 | | | C | | | |
| RUANN MIGIS TAMMY-44397 | 840003124682886 | | | | | | 1 |
| RUANN MIGIS TAUNA-42942 | 840003013923005 | C | | | | | |
| RUANN MIGIS TRIGGER-42964 | 840003013923027 | | | | | | |
| RUANN MIGIS VIOLET-42552 | 840003013922615 | C | | | | | |
| RUANN MIGIS WHIM-43832 | 840003124682321 | | | | | | |
| RUANN MIGIS ZESTA-44782 | 840003124683271 | | | | | | |
| RUANN MIGIST DELUX-40623-TW | 840003014226760 | | | | | | |
| RUANN MIGIST DELUX-40624-TW | 840003014226761 | | | | | | |
| RUANN MIGIST ELLEN-44217 | 840003124682706 | | | | | | |
| RUANN MIGIST ROSALYN-031169 | 840003011580457 | | | | | | |
| RUANN MIGISTR DORINDA-31045 | 840003011580333 | C | | | | | |
| RUANN MIGISTR KINGPIN-31097 | 840003011580385 | | | | | | |
| RUANN MIGISTRA DELLIA-40565 | 840003014226702 | | | | | | |
| RUANN MIGISTRA SACHSE-40657 | 840003014226794 | | | | | | |
| RUANN MIGISTRA TAUNA-40641 | 840003014226778 | | | | | | |
| RUANN MIGISTRA VIOLET-31278 | 840003011580566 | | | | | | |
| RUANN MIGISTRAT BESSY-40561 | 840003014226698 | | | | | | |
| RUANN MIGISTRAT FOBES-43551 | 840003124682040 | | | | | | |
| RUANN MIGISTRAT GLORY-31183 | 840003011580471 | | | | | | |
| RUANN MIGISTRAT GLORY-31208 | 840003011580496 | | | | | | |
| RUANN MIGISTRAT GLORY-40835 | 840003014226972 | | | | | | |
| RUANN MIGISTRAT GLORY-44274 | 840003124682763 | | | | | | |
| RUANN MIGISTRAT IRISH-44253 | 840003124682742 | | | | | C | |
| RUANN MIGISTRAT MERLA-40595 | 840003014226732 | | | | | | |
| RUANN MIGISTRAT MERLA-40709 | 840003014226846 | | | | | | |
| RUANN MIGISTRAT MERLA-40710 | 840003014226847 | | | | | | |
| RUANN MIGISTRAT MERLA-40828 | 840003014226965 | | | | | | |
| RUANN MIGISTRAT MOLLY-42351 | 840003013922414 | | | | | | |
| RUANN MIGISTRAT PAULA-31254 | 840003011580542 | | | | | | |
| RUANN MIGISTRAT TAUNA-43656 | 840003124682145 | | | | | | |
| RUANN MIGISTRAT TAUNA-44747 | 840003124683236 | | | | | | |
| RUANN MIGISTRAT TAUNA-44861 | 840003124683350 | | | | | | |
| RUANN MIGISTRAT VALID-44354 | 840003124682843 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MIGISTRATE ANN-40626 | 840003014226763 | | | | | | |
| RUANN MIGISTRATE ANNA-40647 | 840003014226784 | | | | | | |
| RUANN MIGISTRATE ANNA-42396 | 840003013922459 | | | | | | |
| RUANN MIGISTRATE ANNA-44188 | 840003124682677 | | | | | | |
| RUANN MIGISTRATE CHOW-42461 | 840003013922524 | | | | | | |
| RUANN MIGISTRATE ECHO-31295 | 840003011580583 | | | | | | |
| RUANN MIGISTRATE ECHO-42721 | 840003013922784 | | | | | | 1 |
| RUANN MIGISTRATE ECHO-44509 | 840003124682998 | | | | | | |
| RUANN MIGISTRATE JEAN-44098 | 840003124682587 | | | | | | |
| RUANN MIGISTRATE JO-44577 | 840003124683066 | | | | | | |
| RUANN MIGISTRATE JOAN-31110 | 840003011580398 | | | | | | |
| RUANN MIGISTRATE JUDE-40732 | 840003014226869 | | | | | | |
| RUANN MIGISTRATE KIT-43585 | 840003124682074 | | | | | | |
| RUANN MIGISTRATE LOLA-40628 | 840003014226765 | | | | | | |
| RUANN MIGISTRATE LOLA-42779 | 840003013922842 | | | | | | |
| RUANN MIGISTRATE LOLA-44402 | 840003124682891 | | | | | | |
| RUANN MIGISTRATE MARI-43550 | 840003124682039 | | | | | | |
| RUANN MIGISTRATE MERLA40917 | 840003014227054 | | | | | | |
| RUANN MIGISTRATE PAM-43188 | 840003013923251 | | | | | | |
| RUANN MIGISTRATE ROXY-42993 | 840003013923056 | | | | | | |
| RUANN MIL TAUNA-10333-ET | USA 69970782 | | | | | | |
| RUANN MILES ANDREA-35130 | 840003012219778 | | | | | | |
| RUANN MILES ANDREA-40773 | 840003014226910 | | | | | | |
| RUANN MILES ANDREA-41611 | 840003013921674 | | | | | | |
| RUANN MILES ANDREA-41693 | 840003013921756 | | | | | | |
| RUANN MILES ANGELINA-35399 | 840003012220047 | | | | | | |
| RUANN MILES ANGELINA-41570 | 840003013921633 | | | | | | |
| RUANN MILES ANNABEL-35998 | 840003012220646 | | | | | | |
| RUANN MILES BAMSTAR-35866 | 840003012220514 | | | | | | |
| RUANN MILES BARBARA-41713 | 840003013921776 | | | | | | |
| RUANN MILES BESSIE-35390 | 840003012220038 | | | | | | |
| RUANN MILES BESSIE-35635 | 840003012220283 | | | | | | |
| RUANN MILES BONNIE-35703 | 840003012220351 | | | | | | |
| RUANN MILES BONNIE-36519 | 840003013920682 | | | | | | |
| RUANN MILES CHARITY-35720 | 840003012220368 | | | | | | |
| RUANN MILES CONSTANCE-35270 | 840003012219918 | | | | | | |
| RUANN MILES DEMAND-41801 | 840003013921864 | | | | | | |
| RUANN MILES LACINDY-42009 | 840003013922072 | | | | | | |
| RUANN MILES LINORE-35458 | 840003012220106 | | | | | | |
| RUANN MILES LISBETH-35074 | 840003012219722 | | | | | | |
| RUANN MILES MAIDEN-36531 | 840003013920694 | | | | | | |
| RUANN MILES MARINA-35508 | 840003012220156 | | | | | | |
| RUANN MILES MELANIE-36317 | 840003013920480 | | | | | | |
| RUANN MILES NICOLE-35520 | 840003012220168 | | | C | | | |
| RUANN MILES NICOLE-41645 | 840003013921708 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MILES NISHA-42069-TW | 840003013922132 | | | | | | |
| RUANN MILES NISHA-42070-TW | 840003013922133 | | | | | | |
| RUANN MILES NORAIN-35597-TW | 840003012220245 | | | | | | |
| RUANN MILES NORAIN-36087 | 840003013920250 | C | | | | | |
| RUANN MILES PHOEBE-35141 | 840003012219789 | | | | | | |
| RUANN MILES POSCH-40869 | 840003014227006 | | | | | | |
| RUANN MILES RUSSMATT-35772 | 840003012220420 | | | | | | |
| RUANN MILES SACHSE-35239 | 840003012219887 | | | | | | |
| RUANN MILES SUGAR-36391-TW | 840003013920554 | | | | | | |
| RUANN MILES TRITOMIA-35114 | 840003012219762 | | | | | | |
| RUANN MILES TRITOMIA-35625 | 840003012220273 | | | | | | |
| RUANN MILES UTOPIA-35898 | 840003012220546 | | | | | | |
| RUANN MILES VELOUR-41575 | 840003013921638 | | | | | | |
| RUANN MILESTONE AVIS-35293 | 840003012219941 | | | | | | |
| RUANN MILESTONE BEBE-35683 | 840003012220331 | | | | | | |
| RUANN MILESTONE BECKY-35838 | 840003012220486 | | | | | | |
| RUANN MILESTONE CAROL-36370 | 840003013920533 | | | | | | |
| RUANN MILESTONE COMET-35755 | 840003012220403 | | | | | | |
| RUANN MILESTONE ECHO-41719 | 840003013921782 | | | C | | | |
| RUANN MILESTONE EDITA-35353 | 840003012220001 | | | | | | |
| RUANN MILESTONE ELLA-36029 | 840003013920192 | | | | | | |
| RUANN MILESTONE ELLIE-35642 | 840003012220290 | | | | | | |
| RUANN MILESTONE ENID-35886 | 840003012220534 | | | | | | |
| RUANN MILESTONE FOBES-35783 | 840003012220431 | | | | | | |
| RUANN MILESTONE GALA-35065 | 840003012219713 | | | | | | |
| RUANN MILESTONE GLORY-35621 | 840003012220269 | C | | | | | |
| RUANN MILESTONE GLORY-41712 | 840003013921775 | | | | | | |
| RUANN MILESTONE GLORY-41797 | 840003013921860 | | | | | | |
| RUANN MILESTONE GLORY-42024 | 840003013922087 | | | | | | |
| RUANN MILESTONE GLORY-42123 | 840003013922186 | | | | | | |
| RUANN MILESTONE GOLDA-35620 | 840003012220268 | | | | | | |
| RUANN MILESTONE HALO-35444 | 840003012220092 | | | | | | |
| RUANN MILESTONE HELEN-35460 | 840003012220108 | | | | | | |
| RUANN MILESTONE JEAN-41810 | 840003013921873 | | | | | | |
| RUANN MILESTONE JESSE-35181 | 840003012219829 | | | | | | |
| RUANN MILESTONE JESSE-41925 | 840003013921988 | | | | | | |
| RUANN MILESTONE KIT-41563 | 840003013921626 | | | | | | |
| RUANN MILESTONE LUCY-41553 | 840003013921616 | | | | | | |
| RUANN MILESTONE MERLA-35322 | 840003012219970 | | | | | | |
| RUANN MILESTONE MERLA-35402 | 840003012220050 | | | | | | |
| RUANN MILESTONE MERLA-35900 | 840003012220548 | | | | | | |
| RUANN MILESTONE PAULA-35428 | 840003012220076 | | | | | | |
| RUANN MILESTONE PEPSI-35469 | 840003012220117 | | | | | | |
| RUANN MILESTONE POSCH-36328 | 840003013920491 | | | | | | |
| RUANN MILESTONE SPOKE-41691 | 840003013921754 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MILESTONE SUE-41665 | 840003013921728 | | | | | | |
| RUANN MILESTONE TAUNA-36184 | 840003013920347 | | | | | | |
| RUANN MILESTONE TAUNA-36282 | 840003013920445 | | | | | | |
| RUANN MILESTONE TAUNA-41598 | 840003013921661 | | | | | | |
| RUANN MILESTONE TAUNA-41807 | 840003013921870 | | | | | | |
| RUANN MILESTONE VIXON-35859 | 840003012220507 | | | | | | |
| RUANN MILESTONE WILLA-42216 | 840003013922279 | | | | | | |
| RUANN MILKMAN ELLEN-91779 | 840003005122747 | | | | | | |
| RUANN MILKMAN MERLA-86010 | USA 66833609 | | | | | | 3 |
| RUANN MILKMAN TAUNA-85823 | USA 66610062 | | | | | | |
| RUANN MILKMAN-91505 | 840003005122473 | | | | | | 1 |
| RUANN MILLI COMET-62151-ET | 840003133419931 | | C | | | | |
| RUANN MILLI COMET-62157-ET | 840003133419937 | | | | | | |
| RUANN MINISTER KAREN-81015 | USA 65281132 | | | | | | |
| RUANN MISTER 92811 | 840003005123779 | | | | | | |
| RUANN MISTER ANDREA-92164 | 840003005123132 | | | | | | |
| RUANN MISTER BESSY-92276 | 840003005123244 | | | | | | |
| RUANN MISTER DELUX-92893 | 840003005123861 | | | | | | |
| RUANN MISTER DORINDA-92840 | 840003005123808 | | | | | | |
| RUANN MISTER FAMOUS-92761 | 840003005123729 | | | | | | |
| RUANN MISTER GINA-92799 | 840003005123767 | | | | | | |
| RUANN MISTER GOLDY-92752 | 840003005123720 | | | | | | |
| RUANN MISTER GRACEY-93056 | 840003005124024 | | | | | | |
| RUANN MISTER JERRY-92469 | 840003005123437 | | | | | | |
| RUANN MISTER JOY-92524 | 840003005123492 | | | | | | |
| RUANN MISTER JUDIE-92917 | 840003005123885 | | | | | | |
| RUANN MISTER MAMIE-92499 | 840003005123467 | | | | | | |
| RUANN MISTER SUGAR-92959 | 840003005123927 | | | | | | |
| RUANN MISTER TRIBUTE-92911 | 840003005123879 | | | | | | |
| RUANN MISTER TRIXY-92663 | 840003005123631 | | | | | | |
| RUANN MISTER-91822 | 840003005123790 | | | | | | |
| RUANN MISTER-92576 | 840003005123544 | | | | | | |
| RUANN MISTER-92705 | 840003005123673 | | | | | | |
| RUANN MISTER-92859 | 840003005123827 | | | | | | |
| RUANN MISTER-92921 | 840003005123889 | | | | | | |
| RUANN MITCH BESSY-30226 | 840003011579514 | | | | | | |
| RUANN MITCH BONNIE-30200 | 840003011579488 | | | | | | |
| RUANN MITCH CORRY-30186 | 840003011579474 | | | | | C | |
| RUANN MITCH GLORY-30175 | 840003011579463 | | | | | | |
| RUANN MITCH MERLA-30239-TW | 840003011579527 | | | | | C | |
| RUANN MITCH MERLA-30240-TW | 840003011579528 | | | | | | |
| RUANN MITCH MERLA-30271 | 840003011579559 | | | | | | |
| RUANN MIZZOU MOLLY-53395-ET | 840003127269499 | | | | | | |
| RUANN MO BEATRICE-55761-ET | 840003133418541 | | | | | | |
| RUANN MOD BAMSTAR-82719 | USA 65811418 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MOD BAMSTAR-83808 | USA 66107238 | | | | | | |
| RUANN MOD BAMSTAR-84075 | USA 66171664 | | | | | | |
| RUANN MOD BONNIE-91760-ET | 840003005122728 | | | | | | |
| RUANN MOD EDNA-84282-TW | USA 66171821 | | | | | | |
| RUANN MODEST WHIM-70431 | USA 63613778 | | | | | | |
| RUANN MOG DORINDA-55990-ET | 840003133418770 | | | | | | |
| RUANN MOG DORINDA-55998-ET | 840003133418778 | | | | | | |
| RUANN MOG ELECTRON-40753-ET | 840003014226890 | | | | | | |
| RUANN MOG GRATEFUL-62216-ET | 840003133419996 | | | | | | |
| RUANN MOG RAINDROP-61610-ET | 840003133419390 | | | | | | |
| RUANN MOG RAINDROP-61614-ET | 840003133419394 | | | | | | |
| RUANN MOG RAINDROP-61616-ET | 840003133419396 | | | | | | |
| RUANN MOG RAINDROP-61631-ET | 840003133419411 | | | | | | |
| RUANN MOG TRINKET-61993-ET | 840003133419773 | | | | | | 1 |
| RUANN MOGU MELANIE-56393-ET | 840003133419173 | | | | | | |
| RUANN MOGU MELANIE-61514-ET | 840003133419294 | | | | | | |
| RUANN MOGU MELANIE-61564-ET | 840003133419344 | | | | | | |
| RUANN MOGUL ALLI-51217 | 840003127759971 | | | | | | |
| RUANN MOGUL ALMA-55713-ET | 840003133418493 | | | | | | |
| RUANN MOGUL BESSIE-51017-ET | 840003127759771 | | | | | | |
| RUANN MOGUL BESSIE-55366-ET | 840003130274745 | | | | | | |
| RUANN MOGUL DELUX-54972-ET | 840003130274351 | | | | | | |
| RUANN MOGUL DELUX-55079-ET | 840003130274458 | | | | | | |
| RUANN MOGUL ELLIE-51226-ET | 840003127759980 | | | | | | |
| RUANN MOGUL FOBES-56231-ET | 840003133419011 | | | | | | |
| RUANN MOGUL FOBES-56329-ET | 840003133419109 | | | | | | |
| RUANN MOGUL FOBES-56336-ET | 840003133419116 | | | | | | |
| RUANN MOGUL FOBES-56369-ET | 840003133419149 | | | | | | |
| RUANN MOGUL GLORY-55703-ET | 840003133418483 | | | | | | |
| RUANN MOGUL MERLA-31030-ET | 840003011580318 | | | | | | |
| RUANN MOGUL MERLA-35766-ET | 840003012220414 | | | | | | |
| RUANN MOGUL MERLA-35777-ET | 840003012220425 | | | | | | |
| RUANN MOGUL MERLA-35810-ET | 840003012220458 | | | | | | |
| RUANN MOGUL MERLA-42620-ET | 840003013922683 | | | | | | |
| RUANN MOGUL MERLA-42671-ET | 840003013922734 | | | | | | |
| RUANN MOGUL MERLA-51037-ET | 840003127759791 | | | | | | |
| RUANN MOGUL MERLA-51057-ET | 840003127759811 | | | | | | |
| RUANN MOGUL MERLA-51072 | 840003127759826 | | | | | | |
| RUANN MOGUL MERLA-55258-ET | 840003130274637 | | | | | | |
| RUANN MOGUL MERLA-56370-ET | 840003133419150 | | | | | | |
| RUANN MOGUL MERLA-56386-ET | 840003133419166 | | | | | | |
| RUANN MOGUL MERLA-56390-ET | 840003133419170 | | | | | | |
| RUANN MOGUL NORAIN-55951-ET | 840003133418731 | | | | | | |
| RUANN MOGUL POSCH-31023-ET | 840003011580311 | | | | | | |
| RUANN MOGUL POSCH-31071-ET | 840003011580359 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MOGUL POSCH-55016-ET | 840003130274395 | | | | | | |
| RUANN MOGUL POSCH-55102-ET | 840003130274481 | | | | | | |
| RUANN MOGUL POSCH-55563-ET | 840003133418343 | | | | | | |
| RUANN MOGUL SALLY-55634-ET | 840003133418414 | | | | | | |
| RUANN MOGUL SILK-51061-ET | 840003127759815 | | | | | | |
| RUANN MOGUL TAUNA-62238-ET | 840003133420018 | | | | | | |
| RUANN MOGUL TAUNA-62264-ET | 840003133420044 | | | | | | |
| RUANN MOGUL VODKA-55959 | 840003133418739 | | | | | | |
| RUANN MOGUL VODKA-55968-ET | 840003133418748 | | | | | | |
| RUANN MOGUL VODKA-55991-ET | 840003133418771 | C | | | | | |
| RUANN MOGUL VODKA-55994-ET | 840003133418774 | | | | | | |
| RUANN MOGUL VODKA-56004-ET | 840003133418784 | C | | | | | |
| RUANN MOGUL VODKA-56040-ET | 840003133418820 | C | | | | | |
| RUANN MOGUL VODKA-56042-ET | 840003133418822 | C | | | | | |
| RUANN MOGUL-93763 | 840003005124731 | | | | | | 1 |
| RUANN MOM BEATRICE-45702-ET | 840003126825063 | | | | | | |
| RUANN MOM BEATRICE-45723-ET | 840003126825084 | | | | | | |
| RUANN MOM2 DEMAND-36313-ET | 840003013920476 | | | | | | |
| RUANN MOM2 DEMAND-45713-ET | 840003126825074 | | | | | | |
| RUANN MOM2 DORINDA-35773-ET | 840003012220421 | | | | | | |
| RUANN MOM2 DORINDA-42472-ET | 840003013922535 | | | | | | |
| RUANN MOM2 DORINDA-42496-ET | 840003013922559 | | | | | | |
| RUANN MOM2 DORINDA-42503-ET | 840003013922566 | | | | | | |
| RUANN MOM2 DORINDA-54083-ET | 840003130273462 | | | | | | |
| RUANN MOM2 DORINDA-54110-ET | 840003130273489 | | | | | | |
| RUANN MOM2 ECHO-46354-ET | 840003126825715 | | | | | | |
| RUANN MOM2 ECHO-46470-ET | 840003126825831 | | | | | | |
| RUANN MOM2 ECHO-53943-ET | 840003130273322 | | | | | | |
| RUANN MOM2 ECHO-53975-ET | 840003130273354 | | | | | | |
| RUANN MOM2 ELLIE-52243-ET | 840003127268347 | | | | | | |
| RUANN MOM2 ELLIE-52297-ET | 840003127268401 | | | | | | |
| RUANN MOM2 LANELLE-42027-ET | 840003013922090 | | | C | | | |
| RUANN MOM2 MELANIE-45405-ET | 840003124683894 | | | | | | |
| RUANN MOM2 MELANIE-45509-ET | 840003126824870 | | | | | | |
| RUANN MOM2 MELANIE-52456-ET | 840003127268560 | | | | | | |
| RUANN MOM2 PAM-52606-ET | 840003127268710 | | | | | | |
| RUANN MOM2 TRINKET-34501-ET | 840003012219149 | | | | | | |
| RUANN MOM2 TRINKET-36083-ET | 840003013920246 | | | | | | |
| RUANN MOM2 TRINKET-52895-ET | 840003127268999 | | | | | | 1 |
| RUANN MOM2 TRINKET-52977-ET | 840003127269081 | | | | | | |
| RUANN MOM2 TRINKET-54231-ET | 840003130273610 | | | | | | |
| RUANN MOM2 TRINKET-54270-ET | 840003130273649 | | | | | | |
| RUANN MON2 DORINDA-54095-ET | 840003130273474 | | | | | | |
| RUANN MON2 TRINKET-52925-ET | 840003127269029 | | | | | | 1 |
| RUANN MONET BECKY-85853 | USA 66610084 | | | | | | 3 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MONET DORINDA-85381 | USA 66534156 | | | | | | |
| RUANN MONET DORINDA-85640 | USA 66562111 | | | | | | |
| RUANN MONET EDITH-85528 | USA 66534271 | C | | | | | 3 |
| RUANN MONET EXPERT-85625 | USA 66562097 | | | | | | 3 |
| RUANN MONET FOBES-91786 | 840003005122754 | | | | | | |
| RUANN MONET HANNAH-80985 | USA 65281102 | | | | | | |
| RUANN MONET JEAN-85622 | USA 66562094 | | | C | | | |
| RUANN MONET LASSITER-85146 | USA 66462834 | | | | | | 3 |
| RUANN MONET LUCY-81025 | USA 65281142 | | | | | | 3 |
| RUANN MONET MARTHA-91900 | 840003005122868 | | | | | | |
| RUANN MONET MERLA-85184 | USA 66462858 | | | | | | 3 |
| RUANN MONET NETTIE-84834 | USA 66362444 | | | | | | 3 |
| RUANN MONET PATCHES-86028 | USA 66833620 | | | | | | |
| RUANN MONET PRINCESS-91660 | 840003005122628 | | | | | | 3 |
| RUANN MONET RAINBOW-91518 | 840003005122486 | | | | | | |
| RUANN MONET ROSIE-85084 | USA 66462792 | | | | | | 3 |
| RUANN MONET SPARKLE-85796 | USA 66610041 | | | | | | 3 |
| RUANN MONET TAUNA-84789 | USA 66362415 | | | | | | 3 |
| RUANN MONET VODKA-85037 | USA 66447000 | | | | | | |
| RUANN MONET-86098 | USA 66833671 | | | | | | 3 |
| RUANN MONT DORINDA-54039-ET | 840003130273418 | | | | | | |
| RUANN MONT DORINDA-54085-ET | 840003130273464 | C | | | | | |
| RUANN MONT DORINDA-54089-ET | 840003130273468 | C | | | | | |
| RUANN MONT DORINDA-54108-ET | 840003130273487 | C | | | | | |
| RUANN MONT DORINDA-55181-ET | 840003130274560 | | | | | | |
| RUANN MONT SHAUNA-50914-ET | 840003127759668 | | | | | | |
| RUANN MONT TRINKET-50228-ET | 840003127758982 | | | | | | |
| RUANN MONT TRINKET-52453-ET | 840003127268557 | | | | | | |
| RUANN MONTE BESSIE-53615-ET | 840003130272994 | | | | | | |
| RUANN MONTE BESSIE-53642-ET | 840003130273021 | | | | | | |
| RUANN MONTE DEMI-61745-ET | 840003133419525 | | | | | | |
| RUANN MONTE GLORY-52376-ET | 840003127268480 | | | | | | |
| RUANN MONTE GLORY-52429-ET | 840003127268533 | | | | | | |
| RUANN MONTE GLORY-52462-ET | 840003127268566 | | | | | | |
| RUANN MONTE GLORY-52470-ET | 840003127268574 | | | | | | |
| RUANN MONTE GLORY-52585-ET | 840003127268689 | | | | | | |
| RUANN MONTE GLORY-52696-ET | 840003127268800 | | | | | | |
| RUANN MONTE MERLA-53200-ET | 840003127269304 | | | | | | |
| RUANN MONTE MERLA-53237-ET | 840003127269341 | | | | | | |
| RUANN MONTE MERLA-53240-ET | 840003127269344 | | | | | | |
| RUANN MONTE MERLA-53255-ET | 840003127269359 | | | | | | |
| RUANN MONTE MERLA-53259-ET | 840003127269363 | | | | | | |
| RUANN MONTE MERLA-53261-ET | 840003127269365 | | | | | | |
| RUANN MONTE MERLA-53266-ET | 840003127269370 | | | | | | |
| RUANN MONTE MERLA-53270-ET | 840003127269374 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MONTE MOGUL-54826-ET | 840003130274205 | | | | | C | |
| RUANN MONTE MOGUL-54975-ET | 840003130274354 | | | | | C | |
| RUANN MONTE OMELIA-54973-ET | 840003130274352 | | | | | C | |
| RUANN MONTE POSCH-55440-ET | 840003130274819 | | | | | | |
| RUANN MONTE SALLY-61903-ET | 840003133419683 | | | | | | |
| RUANN MONTER ALMA-50494-ET | 840003127759248 | | | | | | |
| RUANN MONTER JESSE-51171-TW | 840003127759925 | | | | | | |
| RUANN MONTER JESSE-51173-TW | 840003127759927 | | | | | | |
| RUANN MONTER POSCH-50837-ET | 840003127759591 | | | | | | |
| RUANN MONTER POSCH-50881-ET | 840003127759635 | | | | | | |
| RUANN MONTEREY ALMA-50390 | 840003127759144 | | | | | | |
| RUANN MONTEREY GLORY-50448 | 840003127759202 | | | | | | |
| RUANN MONTEREY MERLA-50895 | 840003127759649 | | | | | | |
| RUANN MONTEREY POSCH-51022 | 840003127759776 | | | | | | |
| RUANN MONTEREY POSCH-51213 | 840003127759967 | | | | | | |
| RUANN MONTEREY SHAUNA-50934 | 840003127759688 | | | | | C | |
| RUANN MONTRE GLORY-53791-ET | 840003130273170 | | | | | | |
| RUANN MONTRO GLORY-51751-ET | 840003127267855 | | | | | | |
| RUANN MONTRO GLORY-51826-ET | 840003127267930 | | | | | | |
| RUANN MONTRO MADGE-46343-ET | 840003126825704 | | | | | C | |
| RUANN MONTRO MERLA-45856-ET | 840003126825217 | | | | | | |
| RUANN MONTRO MERLA-46391-ET | 840003126825752 | C | | | | | |
| RUANN MONTRO MERLA-46438-ET | 840003126825799 | C | | | | | |
| RUANN MONTRO MERLA-50059-ET | 840003127758813 | | | | | | |
| RUANN MONTRO MERLA-51584-ET | 840003127267688 | | | | | | |
| RUANN MONTRO MERLA-51605-ET | 840003127267709 | | | | | | |
| RUANN MONTRO MERLA-51613-ET | 840003127267717 | | | | | | |
| RUANN MONTRO MERLA-51623-ET | 840003127267727 | | | | | | |
| RUANN MONTRO MERLA-51636-ET | 840003127267740 | | | | | | |
| RUANN MONTROS ECHO-46214-ET | 840003126825575 | | | | | | |
| RUANN MONTROS MERLA-50121 | 840003127758875 | | | | | | |
| RUANN MONTROS TRINKET-50152 | 840003127758906 | | | C | | | |
| RUANN MONTROSS 50676 | 840003127759430 | | | | | | |
| RUANN MONTROSS BROOKE-52516 | 840003127268620 | | C | | | | |
| RUANN MONTROSS ECHO-41157 | 840003014227294 | | | | | | |
| RUANN MONTROSS ELLA-41142 | 840003014227279 | | | | | | |
| RUANN MONTROSS MERLA-41177 | 840003014227314 | | | | | | |
| RUANN MONTROSS POSCH-41228 | 840003014227365 | | | | | | |
| RUANN MONUMEN TAUNA-2644-ET | 840003006993780 | | | | | | |
| RUANN MOR TRITOMIA-53345-ET | 840003127269449 | C | | | | | |
| RUANN MOR TRITOMIA-53368-ET | 840003127269472 | | | | | | |
| RUANN MOR TRITOMIA-55884-ET | 840003133418664 | | | | | | |
| RUANN MORAL BESSIE-45439 | 840003124683928 | | | | | | |
| RUANN MORAL CHARITY-45554 | 840003126824915 | | | | | | |
| RUANN MORAL RAINA-45604 | 840003126824965 | | | | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MORAL SILVA-45528 | 840003126824889 | | | | | C | |
| RUANN MORPH ECHO-34760-ET | 840003012219408 | | | | | | |
| RUANN MORT CHARMER-34459-ET | USA 61624624 | C | | | | | |
| RUANN MORT DESIREE-51929-ET | 840003127268033 | | | | | | |
| RUANN MORT DESIREE-51995-ET | 840003127268099 | C | | | | | |
| RUANN MORT DESIREE-53672-ET | 840003130273051 | C | | C | | | |
| RUANN MORT DORINDA-33343-ET | USA 61513160 | | | | | | |
| RUANN MORT DORINDA-72308-ET | USA 64333539 | C | | | | | |
| RUANN MORT ROSALYN-25954-ET | 840003011179281 | C | | | | | |
| RUANN MORTY ALMA-35415-ET | USA 61704115 | | | | | | |
| RUANN MORTY BECKY-52776-ET | 840003127268880 | | | | | | |
| RUANN MORTY BECKY-52854-ET | 840003127268958 | C | | | | | |
| RUANN MORTY BECKY-52880-ET | 840003127268984 | | | | | | |
| RUANN MORTY BECKY-52924-ET | 840003127269028 | C | | | | | |
| RUANN MORTY BECKY-53310-ET | 840003127269414 | C | | | | | |
| RUANN MORTY CORRY-90145 | USA 66562329 | | | | | | |
| RUANN MORTY ECHO-93105-ET | 840003005124073 | | | | | | |
| RUANN MORTY ELLIE-93023-ET | 840003005123991 | C | | | | | |
| RUANN MORTY ELLIE-93049-ET | 840003005124017 | C | | | | | |
| RUANN MORTY ELLIE-93081-ET | 840003005124049 | C | | | | | |
| RUANN MORTY HELEN-52383-ET | 840003127268487 | | | | | | |
| RUANN MORTY HOPE-65538-ET | USA 64018586 | | | | | | |
| RUANN MORTY MERLA-32498-ET | USA 61367257 | | | | | | |
| RUANN MORTY MERLA-42155-ET | USA 61818988 | | | | | | |
| RUANN MORTY MERLA-50337 | USA 62119592 | C | | | | | |
| RUANN MORTY NORAIN-70834 | USA 63614181 | | | | | | |
| RUANN MORTY SCARLET-81068 | USA 65281185 | | | | | | |
| RUANN MORTY VODKA-65204-ET | USA 63715515 | C | | C | | | |
| RUANN MOSAI MAPLE-91641-RED | 840003005122609 | | | | | | |
| RUANN MR SAM LOLA-50869-ET | USA 62120124 | | | | | | |
| RUANN MRSAM GLORY-61891-ET | USA 62914076 | | | | | | |
| RUANN MRSAM GLORY-61902-ET | USA 62914086 | | | | | | |
| RUANN MS-A ELLIE-825-TW | USA 60299403 | | | | | | |
| RUANN MUFFIN BARBARA-62268 | 840003133420048 | | | | | | |
| RUANN MUR TRITOMIA-92349-TW | 840003005123317 | | | | | | |
| RUANN MURAL BELLA-92421 | 840003005123389 | C | | | | | |
| RUANN MURAL BETTY-92270 | 840003005123238 | | | | | | |
| RUANN MURAL BISHOP-92575 | 840003005123543 | | | | | | |
| RUANN MURAL DAZZLER-92151 | 840003005123119 | | | | | | |
| RUANN MURAL DINA-92352 | 840003005123320 | | | | | | |
| RUANN MURAL DORINDA-92666 | 840003005123634 | | | | | | |
| RUANN MURAL DOTTIE-92520 | 840003005123488 | | | | | | |
| RUANN MURAL ECHO-92526 | 840003005123494 | | | | | | |
| RUANN MURAL FANCY-92542 | 840003005123510 | | | | | | |
| RUANN MURAL GLORY-92158 | 840003005123126 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MURAL GLORY-92394 | 840003005123362 | | | | | | |
| RUANN MURAL GRATEFUL-92079 | 840003005123047 | | | | | | |
| RUANN MURAL HANNAH-92321 | 840003005123289 | | | | | | |
| RUANN MURAL LINORE-92362 | 840003005123330 | | | | | | |
| RUANN MURAL MAY-92211 | 840003005123179 | | | | | | |
| RUANN MURAL MERLA-92288 | 840003005123256 | | | | | | |
| RUANN MURAL MERLA-92584 | 840003005123552 | | | | | | |
| RUANN MURAL PAULYNE-92649 | 840003005123617 | | | | | | |
| RUANN MURAL PEPSI-92458 | 840003005123426 | | | | | | |
| RUANN MURAL PRINCESS-92280 | 840003005123248 | | | | | | |
| RUANN MURAL TAMMY-92374-TW | 840003005123342 | | | | | | |
| RUANN MURAL TAUNA-92267 | 840003005123235 | | | | | | |
| RUANN MURAL TROYA-92550 | 840003005123518 | C | | | | | |
| RUANN MURAL WHIM-92629 | 840003005123597 | | | | | | |
| RUANN MURAL-92250 | 840003005123218 | | | | | | |
| RUANN MURAL-92389 | 840003005123357 | | | | | | |
| RUANN MURAL-92407 | 840003005123375 | | | | | | |
| RUANN MURAL-92472 | 840003005123440 | | | | | | |
| RUANN MURAL-92523 | 840003005123491 | | | | | | |
| RUANN MURAL-92571 | 840003005123539 | | | | | | |
| RUANN MURAL-92634 | 840003005123602 | | | | | | |
| RUANN MUSIC-85605-ET | USA 66562081 | | | | | | |
| RUANN MUSK AILEEN-85242 | USA 66462905 | | | | | | |
| RUANN MUSK ANDREA-84904 | USA 66362492 | | | | | | |
| RUANN MUSK ANDREA-86005 | USA 66833606 | | | | | | |
| RUANN MUSK BAMSTAR-91774 | 840003005122742 | | | | | | |
| RUANN MUSK BECKY-85941 | USA 66833557 | | | | | | |
| RUANN MUSK BETSY-85374 | USA 66534150 | | | | | | |
| RUANN MUSK CHARMER-91916 | 840003005122884 | | | | | | |
| RUANN MUSK DELUX-91572 | 840003005122540 | | | | | | |
| RUANN MUSK ELLIE-80939 | USA 65281056 | | | | | | |
| RUANN MUSK ELLIE-85920 | USA 66833540 | | | | | | |
| RUANN MUSK JAMIE-85165 | USA 66462847 | | | | | | |
| RUANN MUSK KATRINA-85322 | USA 66462965 | | | | | | |
| RUANN MUSK KAYO-91765 | 840003005122733 | | | | | | |
| RUANN MUSK MARI-91788 | 840003005122756 | | | | | | |
| RUANN MUSK MAYRIS-85672 | USA 66562140 | | | | | | |
| RUANN MUSK MERLA-85249 | USA 66462910 | C | | | | | |
| RUANN MUSK MONA-85524 | USA 66534268 | C | | | | | |
| RUANN MUSK NORAIN-85868 | USA 66610097 | | | | | | |
| RUANN MUSK PANDORA-85507 | USA 66534254 | | | | | | |
| RUANN MUSK PATCHES-91510 | 840003005122478 | | | | | | |
| RUANN MUSK PENELOPE-91800 | 840003005122768 | | | | | | |
| RUANN MUSK SUSAN-85936 | USA 66833552 | | | | | | |
| RUANN MUSK TETHER-91606 | 840003005122574 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MUSK TRIGGER-85769 | USA 66610020 | | | | | | |
| RUANN MUSK TRISH-85951 | USA 66833563 | | | | | | |
| RUANN MUSK TRITOMIA-91836 | 840003005122804 | | | | | | |
| RUANN MUSK TWINKLE-91530 | 840003005122498 | | | | | | |
| RUANN MUSK VIM-86054 | USA 66833643 | | | | | | |
| RUANN MUSK-85113 | USA 66462812 | | | | | | |
| RUANN MUSK-85334 | USA 66534116 | | | | | | |
| RUANN MUSK-85335 | USA 66534117 | | | | | | |
| RUANN MUSK-85610 | USA 66562086 | | | | | | |
| RUANN MUSK-85839 | USA 66610074 | C | | | | | |
| RUANN MUSK-91733 | 840003005122701 | | | | | | |
| RUANN MUTA TRIGGER-43037-ET | 840003013923100 | | | | | | |
| RUANN MYTH ALLI-43241-TW | 840003013923304 | | | | | | |
| RUANN MYTH ALLI-43242-TW | 840003013923305 | | | | | | |
| RUANN MYTH AMANDA-44913 | 840003124683402 | | | | | | |
| RUANN MYTH ANNA-42593 | 840003013922656 | | | | | | |
| RUANN MYTH ANNA-43536 | 840003124682025 | | | | | | |
| RUANN MYTH BAMSTAR-43572 | 840003124682061 | | | | | | |
| RUANN MYTH BASKEN-44364 | 840003124682853 | C | | | | | |
| RUANN MYTH BESSIE-42951 | 840003013923014 | | | | | | |
| RUANN MYTH BONNIE-42680 | 840003013922743 | | | | | | |
| RUANN MYTH CHARITY-42943 | 840003013923006 | | | | | | |
| RUANN MYTH CHEREE-43675 | 840003124682164 | | | | | | |
| RUANN MYTH CHITA-43430 | 840003013923493 | | | | | | |
| RUANN MYTH CURLYSUE-43798 | 840003124682287 | | | | | | |
| RUANN MYTH DORINDA-43054 | 840003013923117 | | | | | | |
| RUANN MYTH ECHO-42837 | 840003013922900 | | | | | | |
| RUANN MYTH ECHO-44246-TW | 840003124682735 | | | | | | |
| RUANN MYTH ECHO-44247-TW | 840003124682736 | | | | | | |
| RUANN MYTH ELLEN-42855 | 840003013922918 | | | | | | |
| RUANN MYTH GAZELLE-45474 | 840003124683963 | | | | | | |
| RUANN MYTH GLORY-43334 | 840003013923397 | C | | | | | |
| RUANN MYTH GLORY-43459 | 840003013923522 | | | | | | |
| RUANN MYTH GLORY-45300 | 840003124683789 | | | | | | |
| RUANN MYTH HALEY-43745 | 840003124682234 | | | | | | |
| RUANN MYTH HIGHHOPE-43507 | 840003124681996 | | | | | | |
| RUANN MYTH HOPE-43785 | 840003124682274 | | | | | | |
| RUANN MYTH IRISH-43646 | 840003124682135 | | | | | | |
| RUANN MYTH JO-43770 | 840003124682259 | C | | | | | |
| RUANN MYTH KIDD-43368 | 840003013923431 | | | | | | |
| RUANN MYTH KINGPIN-44373 | 840003124682862 | | | | | | |
| RUANN MYTH LETIE-43111 | 840003013923174 | | | | | | |
| RUANN MYTH LINORE-43709 | 840003124682198 | | | | | | |
| RUANN MYTH MERLA-42706 | 840003013922769 | | | | | | |
| RUANN MYTH MERLA-42718 | 840003013922781 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN MYTH MERLA-42832 | 840003013922895 | | | | | | |
| RUANN MYTH MERLA-43238 | 840003013923301 | | | | | | |
| RUANN MYTH MERLA-43812 | 840003124682301 | | | | | | |
| RUANN MYTH MERLA-44386 | 840003124682875 | | | | | | |
| RUANN MYTH MERLA-44818 | 840003124683307 | | | | | | |
| RUANN MYTH MERLA-45014 | 840003124683503 | | | | | | |
| RUANN MYTH PAIGE-53127 | 840003127269231 | | | | | | |
| RUANN MYTH PAM-44209 | 840003124682698 | | | | | | |
| RUANN MYTH PEACHES-44909 | 840003124683398 | | | | | | |
| RUANN MYTH SILVA-43519 | 840003124682008 | | | | | | |
| RUANN MYTH SKOKIE-42974 | 840003013923037 | | | | | | |
| RUANN MYTH TAUNA-43058 | 840003013923121 | | | | | | |
| RUANN MYTH TAUNA-43985 | 840003124682474 | | | | | | |
| RUANN MYTH TAUNA-44922 | 840003124683411 | | | | | | |
| RUANN MYTH TERESA-42640 | 840003013922703 | | | | | | |
| RUANN MYTH VITARA-43698 | 840003124682187 | | | | | | |
| RUANN MYTH WENONA-43868 | 840003124682357 | | | | | | |
| RUANN MYTH WHIM-43405 | 840003013923468 | | | | | | |
| RUANN NAIR BELLA-90222-ET | USA 66562406 | | | | | | |
| RUANN NAUTILUS-45225-RED | 840003124683714 | | | | | | |
| RUANN NIAGRA DELUX-10004-ET | USA 69970453 | | | | | | |
| RUANN NIAGRA ECHO-11502-ET | 840003008209626 | | | | | | |
| RUANN NIAGRA ECHO-11508-ET | 840003008209632 | | | | | | |
| RUANN NIAGRA ECHO-11513-ET | 840003008209637 | | | | | | |
| RUANN NIAGRA ECHO-1345-ET | USA 69970444 | | | | | | |
| RUANN NIAGRA ELLA-1279-ET | USA 69018881 | | | | | | |
| RUANN NIAGRA ELLA-25858-ET | 840003011179185 | | | | | | |
| RUANN NIAGRA TAUNA-12174-ET | 840003008210298 | | | | | | |
| RUANN NIAGRA TAUNA-12239-ET | 840003008210363 | | | | | | |
| RUANN NIGHTSKY DELUX-50137 | USA 62119392 | | | | | | |
| RUANN NITTY CONNIE-93036 | 840003005124004 | | | C | | | |
| RUANN NITTY DORINDA-92857 | 840003005123825 | | | | | | |
| RUANN NITTY ELA-85179 | USA 66462855 | | | | | | |
| RUANN NORT CONDUCTOR-53977 | 840003130273356 | | | | | | |
| RUANN NORT CONDUCTOR-54874 | 840003130274253 | | | | | | |
| RUANN NORT CONSTANCE-55893 | 840003133418673 | | | | | | |
| RUANN NORT CONSTANCE-56010 | 840003133418790 | | | | | | |
| RUANN NORTN BLISSFUL-54051 | 840003130273430 | | | | | | |
| RUANN NORTON ANDREA-54805 | 840003130274184 | | | | | | |
| RUANN NORTON ANN-54597 | 840003130273976 | | | | | | |
| RUANN NORTON ANNA-61552 | 840003133419332 | | | | | | |
| RUANN NORTON BAMSTAR-56002 | 840003133418782 | | | | | | |
| RUANN NORTON BIRDY-56246 | 840003133419026 | | | | | | |
| RUANN NORTON BONNIE-62074 | 840003133419854 | | | | | | |
| RUANN NORTON CARRIE-55515 | 840003133418295 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN NORTON COREY-54192 | 840003130273571 | | | | | | |
| RUANN NORTON CORRY-54183 | 840003130273562 | | | | | | |
| RUANN NORTON CORRY-56019 | 840003133418799 | | | | | | |
| RUANN NORTON DORINDA-55973 | 840003133418753 | | | | | | |
| RUANN NORTON DORINDA-61540 | 840003133419320 | | | | | | |
| RUANN NORTON DORINDA-62174 | 840003133419954 | | | | | | |
| RUANN NORTON ECHO-54075 | 840003130273454 | | | | | | |
| RUANN NORTON EDEN-53973 | 840003130273352 | | | | | | |
| RUANN NORTON ELLIE-54508 | 840003130273887 | | | | | | |
| RUANN NORTON ELLIE-62160 | 840003133419940 | | | | | | |
| RUANN NORTON GLORY-55974 | 840003133418754 | | | | | | |
| RUANN NORTON HELEN-55932 | 840003133418712 | | | C | | | |
| RUANN NORTON JASLEEN-54777 | 840003130274156 | | | | | | |
| RUANN NORTON JEAN-54129 | 840003130273508 | | | | | | 3 |
| RUANN NORTON KAREN-54955 | 840003130274334 | | | | | | |
| RUANN NORTON KIDD-56241 | 840003133419021 | | | | | | |
| RUANN NORTON LIZA-53922 | 840003130273301 | | | | | | |
| RUANN NORTON LOLA-54417 | 840003130273796 | | | | | | |
| RUANN NORTON LOLA-56287 | 840003133419067 | | | | | | |
| RUANN NORTON MARINA-54819 | 840003130274198 | | | | | | |
| RUANN NORTON MEME-62116 | 840003133419896 | | | | | | |
| RUANN NORTON MERLA-54044 | 840003130273423 | | | | | | |
| RUANN NORTON MERLA-56225 | 840003133419005 | | | | | | 1 |
| RUANN NORTON MERLA-61846 | 840003133419626 | | | | | | |
| RUANN NORTON MOLLY-54305 | 840003130273684 | | | | | | |
| RUANN NORTON MONA-56127 | 840003133418907 | | | | | | |
| RUANN NORTON PAM-54138 | 840003130273517 | | | | | | |
| RUANN NORTON PANCE-54370 | 840003130273749 | | | | | | |
| RUANN NORTON SACHSE-53961 | 840003130273340 | | | | | | |
| RUANN NORTON TAUNA-54862 | 840003130274241 | | | | | | |
| RUANN NORTON TAUNA-55555 | 840003133418335 | | | | | | |
| RUANN NORTON TAUNA-61755 | 840003133419535 | | | | | | |
| RUANN NORTON VOLSTAR-61982 | 840003133419672 | | | | | | |
| RUANN NOVA DORINDA-30982 | USA 61526337 | | | | | | |
| RUANN NU UNO ALMA-25806-ET | 840003011179133 | | | | | | |
| RUANN NU UNO ALMA-30344-ET | 840003011579632 | | | | | | |
| RUANN NU UNO ALMA-33041-ET | 840003011524009 | | | | | | |
| RUANN NU UNO ALMA-33060-ET | 840003011524028 | | | | | | |
| RUANN NU UNO GLORY-32827-ET | 840003011523795 | | | | | | |
| RUANN NU UNO GLORY-32837-ET | 840003011523805 | | | | | | |
| RUANN NU UNO GLORY-32885-ET | 840003011523853 | | | | | | |
| RUANN NU UNO MERLA-21013-ET | 840003009754735 | | | | | | |
| RUANN NU UNO MERLA-25223-ET | 840003010368820 | | | | | | |
| RUANN NU UNO MERLA-25227-ET | 840003010368824 | | | | | | |
| RUANN NU UNO MERLA-25398-ET | 840003010368995 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN NU UNO MERLA-25410-ET | 840003010369007 | | | | | | |
| RUANN NU UNO MERLA-25411-ET | 840003010369008 | | | | | | |
| RUANN NU UNO MERLA-26108-ET | 840003011179435 | | | | | | |
| RUANN NU UNO MERLA-32080-ET | 840003011523048 | | | | | | |
| RUANN NU UNO POSCH-25282-ET | 840003010368879 | | | | | | |
| RUANN NU UNO POSCH-33961-ET | 840003012218609 | | | | | | |
| RUANN NUGGET ALLEENE-93760 | 840003005124728 | | | | | | |
| RUANN NUGGET ANCO-92384 | 840003005123352 | | | | | | |
| RUANN NUGGET ANDREA-92180 | 840003005123148 | | | | | | |
| RUANN NUGGET BESSY-92762 | 840003005123730 | | | | | | |
| RUANN NUGGET BETSY-92790 | 840003005123758 | | | C | | | |
| RUANN NUGGET CHITA-93054 | 840003005124022 | | | | | | |
| RUANN NUGGET DANCER-92987 | 840003005123955 | | | | | | |
| RUANN NUGGET DELUX-92333 | 840003005123301 | | | | | | |
| RUANN NUGGET DEMAND-92254 | 840003005123222 | | | | | | |
| RUANN NUGGET ECHO-92290 | 840003005123258 | | | | | | |
| RUANN NUGGET ELLIE-92624 | 840003005123592 | | | | | | |
| RUANN NUGGET EMBER-91962 | 840003005122930 | | | | | | |
| RUANN NUGGET ROSIE-92615 | 840003005123583 | | | | | | |
| RUANN NUGGET RUSSMATT-92215 | 840003005123183 | | | | | | |
| RUANN NUGGET VALID-92603 | 840003005123571 | | | | | | |
| RUANN NUGGET VICKEY-92623 | 840003005123591 | | | | | | |
| RUANN NUGGET-91881 | 840003005122849 | | | | | | |
| RUANN NUGGET-92316 | 840003005123284 | | | | | | |
| RUANN NUGGET-92605 | 840003005123573 | | | | | | 3 |
| RUANN NUGGET-92732 | 840003005123700 | | | | | | |
| RUANN NUM UNO MERLA-25389 | 840003010368986 | | | | | | |
| RUANN O CONSTANCE-55148-ET | 840003130274527 | | | C | | | |
| RUANN O CONSTANCE-55188-ET | 840003130274567 | | | C | | | |
| RUANN O JEWELANNE-42587-ET | 840003013922650 | | | | | | |
| RUANN O JEWELANNE-42646-ET | 840003013922709 | | | | | | |
| RUANN O SHARVANNAH-54737-ET | 840003130274116 | | | | | | 1 |
| RUANN O-A GRATEFUL-94057-ET | USA 60106799 | | | | | | |
| RUANN O-SIDE MERLA-53145-ET | USA 62469243 | | | | | | |
| RUANN O-SIDE MERLA-53148-ET | USA 62469245 | | C | | | | |
| RUANN OAK ALMA-55106-ET | 840003130274485 | | | | | | |
| RUANN OAK BEATRICE-50786-ET | 840003127759540 | | | | | | |
| RUANN OAK DELUX-40658 | 840003014226795 | | | | | | |
| RUANN OAK DORINDA-61870-ET | 840003133419650 | | | | | | |
| RUANN OAK DORINDA-61908-ET | 840003133419688 | | | | | | |
| RUANN OAK ECHO-54473-ET | 840003130273852 | | | | | | |
| RUANN OAK GLORY-55653-ET | 840003133418433 | | | | | | |
| RUANN OAK KATHY-61694-ET | 840003133419474 | | | | | | |
| RUANN OAK MERLA-42806-ET | 840003013922869 | | | | | | |
| RUANN OAK MERLA-42936-ET | 840003013922999 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN OAK MERLA-43045-ET | 840003013923108 | | | | | | |
| RUANN OAK MERLA-50991 | 840003127759745 | | | | | | |
| RUANN OAK MERLA-54602-ET | 840003130273981 | | | | | | |
| RUANN OAK MERLA-54630-ET | 840003130274009 | | | | | | |
| RUANN OAK MERLA-54642-ET | 840003130274021 | | | | | | |
| RUANN OAK MERLA-54718-ET | 840003130274097 | | | | | | |
| RUANN OAK SALLY-40399-ET | 840003014226536 | | | | | | |
| RUANN OAK SALLY-43169-ET | 840003013923232 | | | | | | |
| RUANN OBS ANDREA-40115-ET | 840003014226252 | | | | | | |
| RUANN OBSE DORINDA-42059-ET | 840003013922122 | | | | | | |
| RUANN OBSE DORINDA-42106-ET | 840003013922169 | | | | | | |
| RUANN OBSE DORINDA-42109-ET | 840003013922172 | | | | | | |
| RUANN OBSE DORINDA-42117-ET | 840003013922180 | | | | | | |
| RUANN OBSE DORINDA-42130-ET | 840003013922193 | | | | | | |
| RUANN OBSE DORINDA-42142-ET | 840003013922205 | | | | | | |
| RUANN OBSE DORINDA-42298-ET | 840003013922361 | | | | | | |
| RUANN OBSE DORINDA-42331-ET | 840003013922394 | | | | | | |
| RUANN OBSE DORINDA-43155-ET | 840003013923218 | | | | | | |
| RUANN OBSE DORINDA-43173-ET | 840003013923236 | C | | | | | |
| RUANN OBSER ANDREA-41998-ET | 840003013922061 | | | | | | |
| RUANN OBSER ANDREA-42008-ET | 840003013922071 | | | | | | |
| RUANN OBSER POSCH-40310-ET | 840003014226447 | | | | | | |
| RUANN OBSER POSCH-40319-ET | 840003014226456 | C | | | | | |
| RUANN OBSER POSCH-42121-ET | 840003013922184 | | | | | | |
| RUANN OBSERV DREAM-45179-ET | 840003124683668 | C | | | | | |
| RUANN OBSERV ECHO-40655-ET | 840003014226792 | | | | | | |
| RUANN OBSERV ELLIE-43264-ET | 840003013923327 | | | | | | |
| RUANN OBSERV ELLIE-43291-ET | 840003013923354 | | | | | | |
| RUANN OBSERV ELLIE-43306-ET | 840003013923369 | | | | | | |
| RUANN OBSERV ELLIE-43339-ET | 840003013923402 | | | | | | |
| RUANN OBSERV JEAN-43244-ET | 840003013923307 | | | | | | |
| RUANN OBSERV JEAN-43781-ET | 840003124682270 | | | | | | |
| RUANN OBSERV LOLA-43018-ET | 840003013923081 | | | | | | |
| RUANN OBSERV LOLA-43517-ET | 840003124682006 | | | | | | |
| RUANN OBSERV POSCH-40269-ET | 840003014226406 | | | | | | |
| RUANN OBSERV POSCH-40297-ET | 840003014226434 | | | | | | |
| RUANN OBSERV POSCH-40299-ET | 840003014226436 | C | | | | | |
| RUANN OBSERV POSCH-42487-ET | 840003013922550 | | | | | | |
| RUANN OBSERVE CHARMER-44357 | 840003124682846 | | | | | | |
| RUANN OBSERVE LOLA-42772-ET | 840003013922835 | | | | | | |
| RUANN OBSERVE LOLA-42833-ET | 840003013922896 | | | | | | |
| RUANN OBSERVE LOLA-42853-ET | 840003013922916 | | | | | | |
| RUANN OBSERVE LOLA-42872-ET | 840003013922935 | | | | | | |
| RUANN OBSERVE LOLA-42884-ET | 840003013922947 | | | | | | |
| RUANN OBSERVE LOLA-42929-ET | 840003013922992 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN OBSERVE LOLA-43531-ET | 840003124682020 | | | | | | |
| RUANN OBSERVER POSCH-40258 | 840003014226395 | | | | | | |
| RUANN OLE DORINDA-55199-ET | 840003130274578 | | | | | | |
| RUANN OLEG DORINDA-34848-ET | 840003012219496 | | | | | | |
| RUANN OLEG DORINDA-34903-ET | 840003012219551 | | | | | | |
| RUANN OLEG DORINDA-34919-ET | 840003012219567 | | | | | | |
| RUANN OLEG DORINDA-34944-ET | 840003012219592 | | | | | | |
| RUANN OLEG DORINDA-34951-ET | 840003012219599 | | | | | | |
| RUANN OLEG DORINDA-43513-ET | 840003124682002 | | | | | | |
| RUANN OLEG DORINDA-51749-ET | 840003127267853 | | | | | | |
| RUANN OLEG DORINDA-51883-ET | 840003127267987 | | | | | | |
| RUANN OLEG DORINDA-55144-ET | 840003130274523 | | | | | | |
| RUANN OLEGAN BECKY-42789-ET | 840003013922852 | | | | | | |
| RUANN OLEGAN GLORY-33648-ET | 840003012218296 | | | | | | |
| RUANN OLEGAN MERLA-35557-ET | 840003012220205 | | | | | | |
| RUANN OLEGAN ROSIE-32928-ET | 840003011523896 | | | | | | |
| RUANN OLEGANT BONNIE-30149 | 840003011579437 | | | | | | |
| RUANN OLEGANT ECHO-30353 | 840003011579641 | C | | | | | |
| RUANN OLEGANT ELLIE-30191 | 840003011579479 | | | | | | |
| RUANN OLEGANT JEAN-31601-ET | 840003011522569 | | | | | | |
| RUANN OLEGANT JEAN-31602-ET | 840003011522570 | | | | | | |
| RUANN OLY CHARITY-46254-ET | 840003126825615 | | | | | | |
| RUANN OLY CHARITY-46325-ET | 840003126825686 | | | | | | |
| RUANN OLY ROSIE-54701-ET | 840003130274080 | | | | | | |
| RUANN OMAN DELUX-36277-ET | 840003013920440 | | | | | | |
| RUANN OMAN MERLA-30634-ET | 840003011579922 | | | | | | |
| RUANN OMAN MERLA-30648-ET | 840003011579936 | | | | | | |
| RUANN ON PRINCESS-42925-ET | 840003013922988 | | | | | | |
| RUANN ON PRINCESS-42965-ET | 840003013923028 | | | | | | |
| RUANN ON PRINCESS-42973-ET | 840003013923036 | | | | | | |
| RUANN ON PRINCESS-93284-ET | 840003005124252 | | | | | | |
| RUANN ON TRITOMIA-92573-ET | 840003005123541 | | | C | | | |
| RUANN ONWAR SACHSE-52080-ET | 840003127268184 | | | | | | |
| RUANN ONWAR SACHSE-52105-ET | 840003127268209 | | | | | | |
| RUANN ONWAR SACHSE-52141-ET | 840003127268245 | | | | | | |
| RUANN OSIDE ANDREA-63170-ET | USA 63191444 | | | | | | |
| RUANN OZZIE BESSY-35748-ET | USA 61740523 | | | | | | |
| RUANN P BONNIE-5601-RED-ET | 840003004671990 | | | | | | 1 |
| RUANN P DORINDA-43061-ETS | 840003013923124 | | | C | | C | |
| RUANN P DORINDA-43062-ETS | 840003013923125 | | | C | | C | |
| RUANN PACSTAR PHOEBE-50923 | USA 62120178 | | | | | | |
| RUANN PALER GRATEFUL-10339 | USA 69970788 | C | | | | | |
| RUANN PALERMO JEAN-10296 | USA 69970745 | C | | | | | |
| RUANN PALERMO ROXY-10365-ET | USA 69970814 | | | | | | |
| RUANN PENN ANDREA-36060-TW | 840003013920223 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PENN MELANIE-35648-TW | 840003012220296 | | | | | | |
| RUANN PENNER ADARA-36214 | 840003013920377 | C | | | | | |
| RUANN PENNER ANDREA-36584 | 840003013920747 | | | | | | |
| RUANN PENNER ANDREA-41819 | 840003013921882 | | | | | | |
| RUANN PENNER ANNA-35418 | 840003012220066 | | | | | | 1 |
| RUANN PENNER ANNA-36547 | 840003013920710 | | | | | | |
| RUANN PENNER BEAUTY-36585 | 840003013920748 | C | | | | | |
| RUANN PENNER BECKY-35912 | 840003012220560 | | | | | | |
| RUANN PENNER BELLA-41701 | 840003013921764 | C | | | | | |
| RUANN PENNER BESSIE-42122 | 840003013922185 | | | | | | |
| RUANN PENNER BESSY-41951 | 840003013922014 | | | | | | |
| RUANN PENNER BOYCOTT-36197 | 840003013920360 | | | | | | |
| RUANN PENNER CAMELLA-41756 | 840003013921819 | | | | | | |
| RUANN PENNER CHARITY-36357 | 840003013920520 | | | | | | |
| RUANN PENNER DELUX-35891 | 840003012220539 | | | | | | |
| RUANN PENNER DELUX-41767 | 840003013921830 | | | | | | |
| RUANN PENNER DEMAND-35512 | 840003012220160 | | | | | | |
| RUANN PENNER DEMAND-41547 | 840003013921610 | | | | | | |
| RUANN PENNER DESIGN-35696 | 840003012220344 | | | | | | |
| RUANN PENNER DORINDA-35417 | 840003012220065 | | | | | | |
| RUANN PENNER DORINDA-35485 | 840003012220133 | | | | | | |
| RUANN PENNER DORINDA-35880 | 840003012220528 | | | | | | |
| RUANN PENNER DREAM-35785 | 840003012220433 | | | | | | |
| RUANN PENNER DRESDAN-36409 | 840003013920572 | | | | | | |
| RUANN PENNER ECHO-21269 | 840003009754991 | | | | | | |
| RUANN PENNER ECHO-31027 | 840003011580315 | | | | | C | |
| RUANN PENNER ECHO-35676-TW | 840003012220324 | | | | | | |
| RUANN PENNER ECHO-35677-TW | 840003012220325 | | | | | | |
| RUANN PENNER ECHO-41940 | 840003013922003 | | | | | | |
| RUANN PENNER ECHO-42040 | 840003013922103 | | | | | | |
| RUANN PENNER ELLIE-36125 | 840003013920288 | | | | | | |
| RUANN PENNER FIANA-41876 | 840003013921939 | | | | | | |
| RUANN PENNER GLORY-35112 | 840003012219760 | | | | | | |
| RUANN PENNER GLORY-35852 | 840003012220500 | | | | | | |
| RUANN PENNER HALEY-36552 | 840003013920715 | | | | | | |
| RUANN PENNER HALO-36032 | 840003013920195 | | | | | | |
| RUANN PENNER HANDMAID-35767 | 840003012220415 | | | | | | |
| RUANN PENNER HELEN-35054 | 840003012219702 | | | | | | |
| RUANN PENNER KIDD-36040 | 840003013920203 | | | | | | |
| RUANN PENNER KIDD-36188 | 840003013920351 | | | | | | |
| RUANN PENNER KINGPIN-35222 | 840003012219870 | | | | | | |
| RUANN PENNER LASS-41790 | 840003013921853 | | | | | | |
| RUANN PENNER LISA-36237 | 840003013920400 | | | | | | |
| RUANN PENNER LOIS-35207 | 840003012219855 | | | | | | |
| RUANN PENNER LOLA-35077 | 840003012219725 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PENNER LOLA-36318-TW | 840003013920481 | | | C | | | |
| RUANN PENNER LOLA-36319-TW | 840003013920482 | | | | | | |
| RUANN PENNER LUCY-36211 | 840003013920374 | | | | | | |
| RUANN PENNER MAGIC-35489 | 840003012220137 | | | | | | |
| RUANN PENNER MARI-35067-TW | 840003012219715 | | | | | | |
| RUANN PENNER MARIBEL-41857 | 840003013921920 | | | | | | |
| RUANN PENNER MAY-35958 | 840003012220606 | | | | | | |
| RUANN PENNER MELANIE-35775 | 840003012220423 | | | | | | |
| RUANN PENNER MERLA-32124 | 840003011523092 | C | | | | | |
| RUANN PENNER MERLA-36341 | 840003013920504 | | | | | | |
| RUANN PENNER MERLA-41874 | 840003013921937 | | | | | | |
| RUANN PENNER MIATA-35923 | 840003012220571 | | | | | | |
| RUANN PENNER MOLLY-41715 | 840003013921778 | | | | | | |
| RUANN PENNER PATSEY-35081 | 840003012219729 | | | | | | |
| RUANN PENNER PEGGY-42058 | 840003013922121 | | | | | | |
| RUANN PENNER PEPSI-36305 | 840003013920468 | | | | | | |
| RUANN PENNER PRIMA-36041 | 840003013920204 | | | | | | |
| RUANN PENNER PRINCESS-36544 | 840003013920707 | | | | | | |
| RUANN PENNER PRIYA-42088 | 840003013922151 | | | | | | |
| RUANN PENNER RAYNE-35596-TW | 840003012220244 | | | | | | |
| RUANN PENNER ROSALYN-35823 | 840003012220471 | | | | | | |
| RUANN PENNER ROXY-35066 | 840003012219714 | | | | | | |
| RUANN PENNER SACHSE-35397 | 840003012220045 | | | | | | |
| RUANN PENNER SACHSE-36473 | 840003013920636 | | | | | | 1 |
| RUANN PENNER SASHA-36139 | 840003013920302 | | | | | | |
| RUANN PENNER SILVA-36166 | 840003013920329 | | | | | | |
| RUANN PENNER STAR-36311 | 840003013920474 | | | | | | |
| RUANN PENNER SUE-35809 | 840003012220457 | | | | | | |
| RUANN PENNER TAUNA-35432 | 840003012220080 | | | | | | |
| RUANN PENNER TAUNA-35594 | 840003012220242 | | | | | | |
| RUANN PENNER TAUNA-35600 | 840003012220248 | | | | | | |
| RUANN PENNER TAUNA-41976 | 840003013922039 | C | | | | | |
| RUANN PENNER TRITOMIA-41852 | 840003013921915 | | | | | | |
| RUANN PENNER VALA-36238 | 840003013920401 | | | | | | |
| RUANN PENNER VIOLET-41822 | 840003013921885 | | | | | | |
| RUANN PERRY KOCA-41032 | USA 61991717 | | | | | | |
| RUANN PERRY MERLA-40662-TW | USA 61693737 | | | | | | |
| RUANN PERRY MOLLY-41046 | USA 61991731 | | | | | | |
| RUANN PHOENI RAINDROP-54208 | USA 62608702 | | | | | | |
| RUANN PHOENIX DORINDA-53203 | USA 62478967 | | | | | | |
| RUANN PIRATE LOLA-52803-ET | 840003127268907 | | | | | | |
| RUANN PIRATE LOLA-52807-ET | 840003127268911 | | | | | | |
| RUANN PIRATE LOLA-52891-ET | 840003127268995 | | | | | | |
| RUANN PL ANGELINA-11721-ET | 840003008209845 | | | | | | |
| RUANN PL GRATEFUL-91698-ET | 840003005122666 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PLA GRATEFUL-93137-ET | 840003005124105 | | | | | | |
| RUANN PLAN ANNA-10197-ET | USA 69970646 | | | | | | |
| RUANN PLAN GRATEFUL-2086-ET | 840003006993222 | | | | | | |
| RUANN PLAN TRINKET-10772 | USA 69971221 | | | | | | |
| RUANN PLAN TRINKET-41190-ET | 840003014227327 | | | | | | |
| RUANN PLAN TRINKET-46106-ET | 840003126825467 | | | | | | |
| RUANN PLANET ANNA-10072-ET | USA 69970521 | | | | | | |
| RUANN PLANET ANNA-93972-ET | 840003005124940 | | | | | | |
| RUANN PLANET BESSIE-14448 | 840003009222185 | | | | | | |
| RUANN PLANET BESSY-22970-ET | 840003009642622 | | | | | | |
| RUANN PLANET BESSY-90817 | USA 66563001 | | | | | | |
| RUANN PLANET DELUX-13560-ET | 840003009221297 | | | | | | |
| RUANN PLANET DELUX-13728-ET | 840003009221465 | | | | | | |
| RUANN PLANET DELUX-13730-ET | 840003009221467 | | | | | | |
| RUANN PLANET DORINDA-1236 | USA 69018838 | | | | | | |
| RUANN PLANET ECHO-1014 | USA 69018616 | | | C | | | |
| RUANN PLANET ECHO-14671-ET | 840003009222408 | | | | | | |
| RUANN PLANET ECHO-672-ET | USA 69018274 | | | | | | |
| RUANN PLANET ECHO-93809-ET | 840003005124777 | | | | | | |
| RUANN PLANET GLORY-10178 | USA 69970627 | | | | | | |
| RUANN PLANET JESSE-10120-ET | USA 69970569 | | | | | | |
| RUANN PLANET MERLA-11720-ET | 840003008209844 | | | C | | | |
| RUANN PLANET MERLA-11825-ET | 840003008209949 | | | | | | |
| RUANN PLANET MERLA-22810-ET | 840003009642462 | | | | | | |
| RUANN PLANET MERLA-22870-ET | 840003009642522 | | | | | | |
| RUANN PLANET MERLA-22963-ET | 840003009642615 | | | | | | |
| RUANN PLANET MERLA-42245-ET | 840003013922308 | | | | | | |
| RUANN PLANET MERLA-43621-ET | 840003124682110 | | | | | | |
| RUANN PLANET MERLA-43711-ET | 840003124682200 | | | | | | |
| RUANN PLANET MERLA-95510-ET | 840003006193536 | | | | | | |
| RUANN PLANET NORAIN-81245 | USA 65281362 | | | | | | |
| RUANN PLANET POSCH-1298 | USA 69018900 | | | | | | |
| RUANN PLANET ROSIE-93688-ET | 840003005124656 | | | | | | |
| RUANN PLANET TAUNA-11729-ET | 840003008209853 | | | | | | |
| RUANN PLAT DORINDA-43090-ET | 840003013923153 | | | | | C | |
| RUANN PLAT DORINDA-43114-ET | 840003013923177 | | | | | | |
| RUANN PLAT DORINDA-44210-ET | 840003124682699 | | | | | | |
| RUANN PLAT POSCH-31221-ET | 840003011580509 | | | C | | C | |
| RUANN PLATIN POSCH-36268-ET | 840003013920431 | | | | | | |
| RUANN PLATIN POSCH-36274-ET | 840003013920437 | | | C | | | |
| RUANN PLATIN POSCH-36320-ET | 840003013920483 | | | C | | C | |
| RUANN PLATIN POSCH-41891-ET | 840003013921954 | C | | C | | C | |
| RUANN PLATIN POSCH-41906-ET | 840003013921969 | | | C | | C | |
| RUANN PLATIN TAUNA-42133-ET | 840003013922196 | | | | | | |
| RUANN PLATIN TAUNA-42137-ET | 840003013922200 | | | C | | C | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PLATIN TAUNA-42272-ET | 840003013922335 | | | | | C | |
| RUANN PLATINU ALMA-36242-ET | 840003013920405 | | | | | | |
| RUANN PLATINU ALMA-36244-ET | 840003013920407 | | | | | | |
| RUANN PLATINU ALMA-36299-ET | 840003013920462 | | | | | C | |
| RUANN PLATINU ECHO-42368-ET | 840003013922431 | | | | | | |
| RUANN PO PRINCESS-91690-TW | 840003005122658 | | | | | | |
| RUANN POPCORN GLORY-36507 | 840003013920670 | | | | | | |
| RUANN POPCORN JAMIE-42320 | 840003013922383 | C | | | | | |
| RUANN POPE ACCENT-41774 | 840003013921837 | | | | | | |
| RUANN POPE ALAM-42690 | 840003013922753 | | | | | | |
| RUANN POPE ALMA-41849 | 840003013921912 | | | | | | |
| RUANN POPE ANDREA-36048 | 840003013920211 | | | | | | |
| RUANN POPE ANDREA-45025 | 840003124683514 | | | | | | |
| RUANN POPE ANGELINA-41594 | 840003013921657 | | | | | | |
| RUANN POPE ANNA-36499 | 840003013920662 | | | | | | |
| RUANN POPE ANNA-42081 | 840003013922144 | | | | | | |
| RUANN POPE ANNA-44154 | 840003124682643 | | | | | | |
| RUANN POPE ANNID-43810 | 840003124682299 | | | | | | |
| RUANN POPE AVALANCHE-42624 | 840003013922687 | | | | | | |
| RUANN POPE BECKY-43612 | 840003124682101 | | | | | | |
| RUANN POPE BECKY-44405 | 840003124682894 | | | | | | |
| RUANN POPE BECKY-44449 | 840003124682938 | | | | | | |
| RUANN POPE BETSY-41627 | 840003013921690 | | | | | | |
| RUANN POPE BONNIE-41530 | 840003013921593 | | | | | | |
| RUANN POPE BONNIE-42326 | 840003013922389 | | | | | | |
| RUANN POPE BRIDGET-44947-TW | 840003124683436 | | | | | | |
| RUANN POPE BRIDGET-44948-TW | 840003124683437 | | | | | | |
| RUANN POPE CHARITY-43283 | 840003013923346 | | | | | | |
| RUANN POPE CHER-42649 | 840003013922712 | | | | | | |
| RUANN POPE CINDY-42276 | 840003013922339 | | | | | | |
| RUANN POPE COMET-44611 | 840003124683100 | | | | | | |
| RUANN POPE DANICA-45054 | 840003124683543 | | | | | | |
| RUANN POPE DEE-42229 | 840003013922292 | | | | | | |
| RUANN POPE DEE-44287 | 840003124682776 | | | | | | |
| RUANN POPE DELUX-44053 | 840003124682542 | | | | | | |
| RUANN POPE DESIGN-43823-TW | 840003124682312 | | | | | | |
| RUANN POPE DESIGN-43824-TW | 840003124682313 | | | | | | |
| RUANN POPE DINA-44417 | 840003124682906 | | | | | | |
| RUANN POPE DORINDA-35803 | 840003012220451 | | | | | | |
| RUANN POPE DORINDA-36540 | 840003013920703 | | | | | | |
| RUANN POPE DORINDA-42312 | 840003013922375 | | | | | | |
| RUANN POPE DORINDA-43862 | 840003124682351 | | | | | | |
| RUANN POPE DORY-41584 | 840003013921647 | | | | | | |
| RUANN POPE DREAM-42295 | 840003013922358 | | | | | | |
| RUANN POPE DREAM-44043 | 840003124682532 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN POPE DUCHESS-41717 | 840003013921780 | | | | | | |
| RUANN POPE ECHO-42171 | 840003013922234 | | | | | | |
| RUANN POPE ELA-43053 | 840003013923116 | | | | | | |
| RUANN POPE ELOISE-42067 | 840003013922130 | | | | | | |
| RUANN POPE EMBREE-44770 | 840003124683259 | | | | | | |
| RUANN POPE FAMOUS-43938 | 840003124682427 | | | | | | |
| RUANN POPE FOBES-42839 | 840003013922902 | | | | | | |
| RUANN POPE GIANNA-44586 | 840003124683075 | | | | | | |
| RUANN POPE GINA-41802 | 840003013921865 | | | C | | | |
| RUANN POPE GINATA-36503 | 840003013920666 | | | | | | |
| RUANN POPE GLORY-42230 | 840003013922293 | | | | | | |
| RUANN POPE GLORY-42303 | 840003013922366 | | | | | | |
| RUANN POPE GRATEFUL-44472 | 840003124682961 | | | | | | |
| RUANN POPE HANNAH-43887 | 840003124682376 | | | | | | |
| RUANN POPE HELEN-44858 | 840003124683347 | | | | | | |
| RUANN POPE HISANO-42127 | 840003013922190 | | | | | | |
| RUANN POPE JANA-44179 | 840003124682668 | | | | | | |
| RUANN POPE JEAN-42093 | 840003013922156 | | | C | | | |
| RUANN POPE JEAN-44699 | 840003124683188 | | | | | | 1 |
| RUANN POPE JESSE-42248 | 840003013922311 | | | | | | |
| RUANN POPE JESSE-43954 | 840003124682443 | | | | | | |
| RUANN POPE JOY-44448 | 840003124682937 | | | | | | |
| RUANN POPE KINGPIN-41558 | 840003013921621 | | | | | | |
| RUANN POPE LARK-42120 | 840003013922183 | | | | | | |
| RUANN POPE LASSITER-41703 | 840003013921766 | | | | | | |
| RUANN POPE LUCY-36427 | 840003013920590 | | | | | | |
| RUANN POPE LUCY-41986 | 840003013922049 | | | | | | |
| RUANN POPE LUCY-44648 | 840003124683137 | | | | | | |
| RUANN POPE MAGIC-41664 | 840003013921727 | | | | | | |
| RUANN POPE MAIDEN-41837 | 840003013921900 | | | | | | |
| RUANN POPE MELANIE-43801 | 840003124682290 | | | | | | |
| RUANN POPE MERLA-41636 | 840003013921699 | | | | | | |
| RUANN POPE MERLA-41864 | 840003013921927 | | | | | | |
| RUANN POPE MERLA-42080 | 840003013922143 | | | | | | |
| RUANN POPE MERLA-43958-TW | 840003124682447 | | | | | | |
| RUANN POPE MERLA-43959-TW | 840003124682448 | | | | | | |
| RUANN POPE MERLA-44493 | 840003124682982 | | | | | | |
| RUANN POPE MERLA-44676 | 840003124683165 | | | | | | |
| RUANN POPE NETTIE-44533 | 840003124683022 | | | | | | |
| RUANN POPE NORAIN-42474 | 840003013922537 | | | | | | |
| RUANN POPE NORAIN-44090 | 840003124682579 | | | | | | |
| RUANN POPE PANDORA-42105 | 840003013922168 | | | | | | |
| RUANN POPE PAULINE-41633 | 840003013921696 | | | | | | |
| RUANN POPE PENNY-44161 | 840003124682650 | C | | | | | |
| RUANN POPE PHYLLIS-42867 | 840003013922930 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN POPE PRILLY-41888 | 840003013921951 | C | | | | | |
| RUANN POPE PRISY-42294 | 840003013922357 | | | | | | |
| RUANN POPE RETA-41922 | 840003013921985 | C | | | | | |
| RUANN POPE ROSIE-41824 | 840003013921887 | | | | | | |
| RUANN POPE ROSIE-44414 | 840003124682903 | | | | | | |
| RUANN POPE ROXY 40193 | 840003014226330 | | | | | | |
| RUANN POPE SPARKLE-42032 | 840003013922095 | | | | | | 3 |
| RUANN POPE STARTLA-44187 | 840003124682676 | | | | | | |
| RUANN POPE SUGAR-44711 | 840003124683200 | | | | | | |
| RUANN POPE SUGAR-45147 | 840003124683636 | | | | | | |
| RUANN POPE TAUNA-36550-TW | 840003013920713 | | | | | | |
| RUANN POPE TAUNA-36551-TW | 840003013920714 | | | | | | |
| RUANN POPE TAUNA-41651 | 840003013921714 | | | | | | |
| RUANN POPE TAUNA-41676-TW | 840003013921739 | | | | | | |
| RUANN POPE TAUNA-41677-TW | 840003013921740 | | | | | | |
| RUANN POPE TAUNA-41808 | 840003013921871 | | | | | | |
| RUANN POPE TAUNA-42235 | 840003013922298 | | | | | | |
| RUANN POPE TAUNA-44538 | 840003124683027 | | | | | | |
| RUANN POPE TAUNA-44955 | 840003124683444 | | | | | | |
| RUANN POPE TESS-44442 | 840003124682931 | | | | | | 3 |
| RUANN POPE TILLIE-41609 | 840003013921672 | | | | | | |
| RUANN POPE TRIGGER-42357 | 840003013922420 | | | | | | |
| RUANN POPE WANDA-42288 | 840003013922351 | | | | | | |
| RUANN POPE WENONA-36512 | 840003013920675 | | | | | | |
| RUANN POPE WHIM-36254 | 840003013920417 | | | | | | |
| RUANN POSCH BECKY-85911 | USA 66833533 | C | | | | | |
| RUANN POSCH BESSY-83638 | USA 66047876 | C | | | | | |
| RUANN POSCH BONNIE-84105 | USA 66171686 | | | | | | |
| RUANN POSCH ELPASO-92014 | 840003005122982 | C | | | | | |
| RUANN POSCH PATCHES-91737 | 840003005122705 | C | | | | | |
| RUANN POSCH TAUNA-80289 | USA 65280406 | C | | | | | |
| RUANN POSCH TAUNA-91756 | 840003005122724 | | | | | | |
| RUANN POSCH-10409-TW | USA 69970858 | | | | | | |
| RUANN POSCH-10410-TW | USA 69970859 | | | | | | |
| RUANN POW DORINDA-51980-TW | 840003127268084 | | | | | | 1 |
| RUANN POWER AIMEE-51514 | 840003127267618 | | | | | | |
| RUANN POWER ALMA-52406 | 840003127268510 | | | | | | |
| RUANN POWER ALVA-51775 | 840003127267879 | | | | | | |
| RUANN POWER ANDREA-45964 | 840003126825325 | | | | | | |
| RUANN POWER ANDREA-55046 | 840003130274425 | | | | | | |
| RUANN POWER ANDREA-55143 | 840003130274522 | | | | | | |
| RUANN POWER ANDREA-55295 | 840003130274674 | | | | | | |
| RUANN POWER ANDREA-55845 | 840003133418625 | | | | | | |
| RUANN POWER ANDREA-56049 | 840003133418829 | C | | | | | |
| RUANN POWER ANITA-51641 | 840003127267745 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN POWER ANN-55935 | 840003133418715 | | | | | | |
| RUANN POWER ANNA-45859 | 840003126825220 | | | | | | |
| RUANN POWER ANNA-45898 | 840003126825259 | | | | | | |
| RUANN POWER ANNA-46435 | 840003126825796 | | | | | | |
| RUANN POWER BAMSTAR-46329 | 840003126825690 | | | | | | |
| RUANN POWER BAMSTAR-52051 | 840003127268155 | | | | | | |
| RUANN POWER BAMSTAR-55412 | 840003130274791 | | | | | | |
| RUANN POWER BETHA-46405 | 840003126825766 | | | | | | |
| RUANN POWER BRETT-56124 | 840003133418904 | | | | | | |
| RUANN POWER CARDON-51616 | 840003127267720 | C | | | | | |
| RUANN POWER CHARITY-52115 | 840003127268219 | | | | | | |
| RUANN POWER CLARET-51570 | 840003127267674 | C | | | | | |
| RUANN POWER CONDUCTOR-56170 | 840003133418950 | | | | | | |
| RUANN POWER CONSTANCE-46310 | 840003126825671 | | | | | | |
| RUANN POWER CORRY-45866 | 840003126825227 | | | C | | | |
| RUANN POWER CORRY-55236 | 840003130274615 | | | | | | |
| RUANN POWER DEBRA-55038-TW | 840003130274417 | | | | | | |
| RUANN POWER DEBRA-55039-TW | 840003130274418 | | | | | | |
| RUANN POWER DELUX-41268 | 840003014227405 | | | | | | |
| RUANN POWER DESIGN-52641 | 840003127268745 | | | | | | |
| RUANN POWER DORINDA-45857 | 840003126825218 | | | | | | |
| RUANN POWER DORINDA-46132 | 840003126825493 | | | | | | |
| RUANN POWER ECHO-55357 | 840003130274736 | | | | | | |
| RUANN POWER ELLA-55028 | 840003130274407 | | | | | | |
| RUANN POWER ELLIE-45977 | 840003126825338 | | | | | | |
| RUANN POWER FOBES-46025 | 840003126825386 | | | | | | |
| RUANN POWER FRAN-46209 | 840003126825570 | | | | | | |
| RUANN POWER GAY-46239 | 840003126825600 | | | | | | |
| RUANN POWER GLORY-46120 | 840003126825481 | | | | | | |
| RUANN POWER GLORY-51537 | 840003127267641 | | | | | | |
| RUANN POWER GLORY-56051 | 840003133418831 | | | C | | | |
| RUANN POWER HELENE-55567 | 840003133418347 | | | | | | |
| RUANN POWER KALISKA-55004 | 840003130274383 | | | | | | |
| RUANN POWER KIDD-52054 | 840003127268158 | | | | | | |
| RUANN POWER KINGPIN-54567 | 840003130273946 | | | | | | |
| RUANN POWER KRISTA-55950 | 840003133418730 | | | | | | |
| RUANN POWER KYLEE-46071 | 840003126825432 | | | | | | |
| RUANN POWER LATRICE-46149 | 840003126825510 | | | C | | | |
| RUANN POWER LEGACY-52941 | 840003127269045 | | | | | | 1 |
| RUANN POWER LOADED-51582 | 840003127267686 | | | | | | |
| RUANN POWER LOLA-45776 | 840003126825137 | | | | | | |
| RUANN POWER MAIDEN-52334 | 840003127268438 | | | | | | |
| RUANN POWER MAPLE-45917 | 840003126825278 | | | | | | |
| RUANN POWER MAY-46125 | 840003126825486 | | | | | | |
| RUANN POWER MELANIE-46350 | 840003126825711 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN POWER MELODY-46356 | 840003126825717 | | | | | | |
| RUANN POWER MERLA-46445 | 840003126825806 | | | | | | |
| RUANN POWER MERLA-52766 | 840003127268870 | | | | | | |
| RUANN POWER MERLA-53017 | 840003127269121 | | | | | | |
| RUANN POWER MERLA-55206 | 840003130274585 | | | | | | |
| RUANN POWER NETTIE-46314 | 840003126825675 | | | | | | |
| RUANN POWER NOBLE-45792 | 840003126825153 | | | | | | |
| RUANN POWER NORAIN-51539 | 840003127267643 | | | | | | |
| RUANN POWER NYDIA-46219 | 840003126825580 | | | | | | |
| RUANN POWER PAM-46199 | 840003126825560 | | | | | | |
| RUANN POWER PANCE-46192 | 840003126825553 | | | | | | |
| RUANN POWER PHOEBE-45919 | 840003126825280 | | | | | | |
| RUANN POWER PHOEBE-56352 | 840003133419132 | | | | | | |
| RUANN POWER PHYLLIS-46283 | 840003126825644 | | | | | | |
| RUANN POWER PHYLLIS-55866 | 840003133418646 | | | | | | |
| RUANN POWER POSCH-51708 | 840003127267812 | | | | | | |
| RUANN POWER PRINCESS-55068 | 840003130274447 | | | | | | |
| RUANN POWER PRINCESS-56166 | 840003133418946 | | | | | | |
| RUANN POWER ROSALYN-55122 | 840003130274501 | | | | | | |
| RUANN POWER SCARLET-46046 | 840003126825407 | | | | | | |
| RUANN POWER STAR-56130 | 840003133418910 | C | | | | C | |
| RUANN POWER SUE-52064 | 840003127268168 | | | | | | 1 |
| RUANN POWER TAUNA-45981 | 840003126825342 | | | C | | | |
| RUANN POWER TAUNA-46389 | 840003126825750 | C | | | | | |
| RUANN POWER TAUNA-52134 | 840003127268238 | | | | | | |
| RUANN POWER TAUNA-52241 | 840003127268345 | C | | | | | |
| RUANN POWER TAUNA-55587 | 840003133418367 | | | | | | |
| RUANN POWER TRIGGER-45782 | 840003126825143 | | | | | | |
| RUANN POWER VALID-46048 | 840003126825409 | | | | | | |
| RUANN POWER VALID-51831 | 840003127267935 | | | | | | |
| RUANN POWER VESTA-46161 | 840003126825522 | | | | | | |
| RUANN POWER VIOLET-55798 | 840003133418578 | | | | | | 1 |
| RUANN POWER VODKA-55084 | 840003130274463 | | | | | | |
| RUANN POWER ZASLEN-61606 | 840003133419386 | | | | | | |
| RUANN PR CONSTANCE-61972-TW | 840003133419752 | | | | | | 1 |
| RUANN PR CONSTANCE-61973-TW | 840003133419753 | | | | | | 1 |
| RUANN PRASE BONNIE-10782 | USA 69971231 | | | | | | |
| RUANN PRASE HELEN-11245 | USA 69971694 | | | | | | |
| RUANN PRED ANDREA-36027-ET | 840003013920190 | | | | | | |
| RUANN PREDESTINE-53803-ET | 840003130273182 | | | | | | |
| RUANN PREDESTINE-53968-ET | 840003130273347 | | | | | | |
| RUANN PREFERRED-63618-ET | USA 63347019 | | | | | | |
| RUANN PRES CONSTANCE-36281 | 840003013920444 | | | | | | |
| RUANN PRES JEWELANNE-36132 | 840003013920295 | | | | | | |
| RUANN PRES WINNIE-52913-TW | 840003127269017 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PRES WINNIE-52914-TW | 840003127269018 | | | | | | |
| RUANN PRESTI DORINDA-52707 | 840003127268811 | | | | | | |
| RUANN PRESTIGE ANDREA-52661 | 840003127268765 | | | | | | 1 |
| RUANN PRESTIGE ECHO-52768 | 840003127268872 | | | | | | |
| RUANN PRESTIGE GLORY-80899 | USA 65281016 | C | | | | | |
| RUANN PRESTIGE JEAN-90197 | USA 66562381 | | | | | | |
| RUANN PRESTIGE MERLA-52657 | 840003127268761 | | | | | | |
| RUANN PRESTIGE MERLA-53743 | 840003130273122 | | | | | | |
| RUANN PRESTIGE MERLA-80873 | USA 65280990 | | | | | | |
| RUANN PRESTIGE MOLLY-52509 | 840003127268613 | | | | | | |
| RUANN PRESTIGE MOLLY-52667 | 840003127268771 | | | | | | |
| RUANN PRESTIGE TUFFEE-53842 | 840003130273221 | | | | | | |
| RUANN PRESTO ANDREA-36571 | 840003013920734 | | | | | | |
| RUANN PRESTO ANDREA-41613 | 840003013921676 | | | | | | |
| RUANN PRESTO ANNA-41996 | 840003013922059 | | | | | | |
| RUANN PRESTO BAMSTAR-36049 | 840003013920212 | | | | | | |
| RUANN PRESTO DAGGER-36568 | 840003013920731 | | | | | | |
| RUANN PRESTO HESSA-41537 | 840003013921600 | | | | | | |
| RUANN PRESTO KIDD-36284 | 840003013920447 | | C | | | | |
| RUANN PRESTO PEGGY-25846 | 840003011179173 | | | | | | |
| RUANN PRESTO PHOEBE-36352 | 840003013920515 | | | | | | |
| RUANN PRESTO PIPER-41559 | 840003013921622 | | | | | | |
| RUANN PRESTO TAUNA-35632 | 840003012220280 | | | | | | |
| RUANN PRESTO TRITOMIA-42161 | 840003013922224 | | | | | | |
| RUANN PRICE CHARMER-44 | USA 69017646 | | | | | | |
| RUANN PRICE NORAIN-95067 | 840003006193093 | | | | | C | |
| RUANN PRIM BESTBET-55826-TW | 840003133418606 | | | | | | |
| RUANN PRIME ALMA-56218 | 840003133418998 | | | | | | |
| RUANN PRIME ANDREA-55635 | 840003133418415 | | | | | | |
| RUANN PRIME ANDREA-62061 | 840003133419841 | | | | | | |
| RUANN PRIME ANNA-62119 | 840003133419899 | | | | | | |
| RUANN PRIME BESSIE-51219 | 840003127759973 | | | | | | |
| RUANN PRIME BESSIE-62211 | 840003133419991 | | | | | | |
| RUANN PRIME BONNIE-55711 | 840003133418491 | | | | | | |
| RUANN PRIME CHARITY-61938 | 840003133419718 | | | | | | |
| RUANN PRIME CONSTANCE-62018 | 840003133419798 | | | | | | |
| RUANN PRIME CORRY-61693 | 840003133419473 | | | | | | |
| RUANN PRIME DAGGER-61636 | 840003133419416 | | | | | | |
| RUANN PRIME DELTA-55779 | 840003133418559 | | | | | | |
| RUANN PRIME DELUX-62017 | 840003133419797 | | | | | | |
| RUANN PRIME DORINDA-51134 | 840003127759888 | | | | | | |
| RUANN PRIME GLORY-55879 | 840003133418659 | | | | | | |
| RUANN PRIME IRISH-51174 | 840003127759928 | | | | | | |
| RUANN PRIME JEAN-61928-TW | 840003133419708 | | | | | | |
| RUANN PRIME JEAN-61929-TW | 840003133419709 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PRIME JOAN-56216 | 840003133418996 | | | | | | |
| RUANN PRIME LOLA-61587 | 840003133419367 | | | | | | |
| RUANN PRIME LUCY-56227 | 840003133419007 | C | | | | | |
| RUANN PRIME MEGAN-56272 | 840003133419052 | | | | | | |
| RUANN PRIME MELODY-55900 | 840003133418680 | | | | | | |
| RUANN PRIME MERLA-51228 | 840003127759982 | C | | | | | |
| RUANN PRIME MERLA-55652 | 840003133418432 | | | | | | |
| RUANN PRIME MERLA-56139 | 840003133418919 | | | | | | |
| RUANN PRIME MERLA-56148 | 840003133418928 | | | | | | |
| RUANN PRIME MERLA-56214 | 840003133418994 | | | | | | |
| RUANN PRIME PANSY-56267 | 840003133419047 | | | | | | |
| RUANN PRIME PHOEBE-61770 | 840003133419550 | | | | | | |
| RUANN PRIME SACHSE-56188 | 840003133418968 | | | | | | |
| RUANN PRIME SKOKIE-55972 | 840003133418752 | | | | | | |
| RUANN PRIME SKOKIE-61865 | 840003133419645 | | | | | | |
| RUANN PRIME TILLIE-55570 | 840003133418350 | | | | | | |
| RUANN PRIME TROYA-55730 | 840003133418510 | | | | | | |
| RUANN PRIME VALID-62028 | 840003133419808 | | | | | | |
| RUANN PRINCESS-22003-ET | USA 60863007 | | | | | | |
| RUANN PRINCESS-93068-RED-ET | 840003005124036 | | | | | | |
| RUANN PRISM AIMEE-54725-TW | 840003130274104 | | | | | | |
| RUANN PRISM AIMEE-54726-TW | 840003130274105 | | | | | | |
| RUANN PRISM ANDREA-53159 | 840003127269263 | | | | | | |
| RUANN PRISM BAMSTAR-52843 | 840003127268947 | | | | | | |
| RUANN PRISM BAMSTAR-53141 | 840003127269245 | C | | | | | |
| RUANN PRISM BECKY-53190-TW | 840003127269294 | | | | | | |
| RUANN PRISM BECKY-53191-TW | 840003127269295 | | | | | | 1 |
| RUANN PRISM BLOSSOM-52621 | 840003127268725 | | | | | | |
| RUANN PRISM BONNIE-52558 | 840003127268662 | | | | | | |
| RUANN PRISM CAY-53389 | 840003127269493 | | | | | | |
| RUANN PRISM CONDUCTOR-53245 | 840003127269349 | | | | | | |
| RUANN PRISM CONSTANCE-53687 | 840003130273066 | | | | | | |
| RUANN PRISM CONSTANCE-53856 | 840003130273235 | | C | | | | |
| RUANN PRISM CONSTANCE-54206 | 840003130273585 | | | | | | |
| RUANN PRISM CORRY-53083 | 840003127269187 | | | | | | |
| RUANN PRISM CORRY-61725 | 840003133419505 | | | | | | |
| RUANN PRISM DELLIA-53168 | 840003127269272 | | | | | | |
| RUANN PRISM DELUX-53513 | 840003130272892 | | | | | | |
| RUANN PRISM DESIREE-52553 | 840003127268657 | | | | | | |
| RUANN PRISM DREAM-52861 | 840003127268965 | | | | | | |
| RUANN PRISM EVELYN-54936 | 840003130274315 | | | | | | |
| RUANN PRISM GINGER-53657 | 840003130273036 | | | | | | |
| RUANN PRISM GLORY-52455 | 840003127268559 | | | | | | |
| RUANN PRISM GLORY-53481-TW | 840003127269585 | | | | | | |
| RUANN PRISM GLORY-53482-TW | 840003127269586 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PRISM GLORY-55047 | 840003130274426 | | | | | | |
| RUANN PRISM IRISH-52780 | 840003127268884 | | | | | | |
| RUANN PRISM IRISH-54771 | 840003130274150 | | | | | | |
| RUANN PRISM JANELL-52549 | 840003127268653 | | | | | | 1 |
| RUANN PRISM JOY-53569 | 840003130272948 | C | | | | | |
| RUANN PRISM JUDIE-53770 | 840003130273149 | | | | | | |
| RUANN PRISM KODAK-53387 | 840003127269491 | | | | | | |
| RUANN PRISM KRISTA-52872 | 840003127268976 | | | | | | |
| RUANN PRISM LANCY-54136 | 840003130273515 | | | | | | |
| RUANN PRISM LASS-54074 | 840003130273453 | | | | | | |
| RUANN PRISM LINORE-53737 | 840003130273116 | | | | | | |
| RUANN PRISM MANETTA-53466 | 840003127269570 | | | | | | |
| RUANN PRISM MERLA-50668 | 840003127759422 | | | | | | |
| RUANN PRISM MERLA-52883 | 840003127268987 | | | | | | |
| RUANN PRISM MERLA-53448 | 840003127269552 | | | | | | |
| RUANN PRISM MERLA-53772 | 840003130273151 | | | | | | |
| RUANN PRISM MESA-52993 | 840003127269097 | C | | | | | |
| RUANN PRISM NETTIE-52995 | 840003127269099 | | | | | | |
| RUANN PRISM NORAIN-53035 | 840003127269139 | | | | | | |
| RUANN PRISM ODALIS-55660 | 840003133418440 | | | | | | |
| RUANN PRISM PHYLLIS-52887 | 840003127268991 | | | | | | |
| RUANN PRISM PRINCESS-53192 | 840003127269296 | | | | | | |
| RUANN PRISM TAUNA-52892 | 840003127268996 | | | | | | |
| RUANN PRISM VIOLET-53204 | 840003127269308 | | | | | | 1 |
| RUANN PRISM VIOLET-53548 | 840003130272927 | | | | | | |
| RUANN PRISM VODKA-54778 | 840003130274157 | | | | | | |
| RUANN PRISM WENONA-53039 | 840003127269143 | | | | | | |
| RUANN PRISM WHIM-53469 | 840003127269573 | | | | | | |
| RUANN PROBE SPRITE-82681 | USA 65811388 | | | C | | | |
| RUANN PROMO ALICE-52647 | 840003127268751 | | | | | | |
| RUANN PROMO AMELINE-46268 | 840003126825629 | | | | | | |
| RUANN PROMO ANDREA-61586 | 840003133419366 | | | | | | |
| RUANN PROMO ANGELINA-46041 | 840003126825402 | | | | | | |
| RUANN PROMO ANNA-46269 | 840003126825630 | | | | | | |
| RUANN PROMO ANNA-51853 | 840003127267957 | | | | | | |
| RUANN PROMO ANNA-52624 | 840003127268728 | | | | | | |
| RUANN PROMO BABE-46240 | 840003126825601 | | | | | | |
| RUANN PROMO BAMSTAR-45766 | 840003126825127 | | | | | | |
| RUANN PROMO BAMSTAR-55588 | 840003133418368 | | | | | | |
| RUANN PROMO BECKY-55049 | 840003130274428 | | | | | | |
| RUANN PROMO BELLA-45946 | 840003126825307 | | | | | | |
| RUANN PROMO BESSY-56401 | 840003133419181 | | | | | | |
| RUANN PROMO CELIA-55030 | 840003130274409 | | | | | | 1 |
| RUANN PROMO CELIA-61775 | 840003133419555 | | | | | | |
| RUANN PROMO CORRY-55223 | 840003130274602 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PROMO DELUX-55958 | 840003133418738 | C | | | | | |
| RUANN PROMO DIAMOND-51529 | 840003127267633 | | | | | | |
| RUANN PROMO DINA-52459 | 840003127268563 | | | | | | |
| RUANN PROMO DORINDA-46315 | 840003126825676 | | | | | | |
| RUANN PROMO DORINDA-55173 | 840003130274552 | | | | | | |
| RUANN PROMO DORINDA-55245 | 840003130274624 | | | | | | |
| RUANN PROMO ELLA-51508 | 840003127267612 | | | | | | |
| RUANN PROMO ELLA-55031 | 840003130274410 | | | | | | |
| RUANN PROMO ELLIE-46194 | 840003126825555 | C | | | | | |
| RUANN PROMO ENA-61640 | 840003133419420 | | | | | | |
| RUANN PROMO GLORY-45963 | 840003126825324 | | | | | | |
| RUANN PROMO GLORY-45966 | 840003126825327 | | | | | | |
| RUANN PROMO GLORY-51544 | 840003127267648 | | | | | | |
| RUANN PROMO GLORY-51628 | 840003127267732 | | | | | | |
| RUANN PROMO GLORY-52007 | 840003127268111 | | | | | | |
| RUANN PROMO GLORY-56306 | 840003133419086 | | | | | | |
| RUANN PROMO HANDMAID-55573 | 840003133418353 | | | | | | |
| RUANN PROMO IRISH-45810 | 840003126825171 | | | | | | |
| RUANN PROMO IRISH-51729 | 840003127267833 | | | | | | |
| RUANN PROMO KIDD-46100 | 840003126825461 | | | | | | |
| RUANN PROMO KINGPIN-56340 | 840003133419120 | | | | | | |
| RUANN PROMO LANCELOT-45720 | 840003126825081 | | | | | | |
| RUANN PROMO LOLA-45941 | 840003126825302 | | | | | | |
| RUANN PROMO LUCY-46395 | 840003126825756 | C | | | | | |
| RUANN PROMO LUCY-55213 | 840003130274592 | | | | | | |
| RUANN PROMO MAGIC-45816 | 840003126825177 | | | | | | |
| RUANN PROMO MAGIC-46359 | 840003126825720 | | | | | | |
| RUANN PROMO MAIDEN-46155 | 840003126825516 | | | | | | |
| RUANN PROMO MELANIE-53512 | 840003130272891 | | | | | | |
| RUANN PROMO MERLA-52873 | 840003127268977 | | | | | | |
| RUANN PROMO MERLA-55091 | 840003130274470 | C | | | | | |
| RUANN PROMO NORAIN-45836 | 840003126825197 | | | | | | |
| RUANN PROMO NORAIN-62008 | 840003133419788 | | | | | | |
| RUANN PROMO PAX-55328 | 840003130274707 | | | | | | |
| RUANN PROMO PEARL-51769 | 840003127267873 | | | | | | |
| RUANN PROMO PEARL-55790 | 840003133418570 | | | | | | |
| RUANN PROMO PRILLY-52494 | 840003127268598 | | | | | | |
| RUANN PROMO PRISSY-52615 | 840003127268719 | | | | | | |
| RUANN PROMO ROSIE-55533 | 840003133418313 | | | | | | |
| RUANN PROMO SILVA-45861 | 840003126825222 | | | | | | |
| RUANN PROMO SKOKIE-46114 | 840003126825475 | | | | | | |
| RUANN PROMO SUGAR-45785 | 840003126825146 | | | | | | |
| RUANN PROMO SUGAR-46144 | 840003126825505 | | | C | | | |
| RUANN PROMO SUGAR-51519 | 840003127267623 | | | | | | |
| RUANN PROMO SUGAR-52521 | 840003127268625 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PROMO SUGAR-61545 | 840003133419325 | | | | | | |
| RUANN PROMO TAUNA-45524 | 840003126824885 | | | | | | |
| RUANN PROMO TAUNA-45717 | 840003126825078 | | | | | | |
| RUANN PROMO TAUNA-52845 | 840003127268949 | | | C | | | |
| RUANN PROMO TRIBAL-45958 | 840003126825319 | | | | | | |
| RUANN PROMO TRITOMIA-56091 | 840003133418871 | | | | | | |
| RUANN PROMO VALA-46357 | 840003126825718 | | | | | | |
| RUANN PROMO VODKA-52457 | 840003127268561 | | | | | | |
| RUANN PROMO VODKA-55136 | 840003130274515 | | | C | | | |
| RUANN PROMO VOLSTAR-61731 | 840003133419511 | C | | | | | |
| RUANN PROMO YVONNE-55302 | 840003130274681 | C | | | | | |
| RUANN PRONTO BECKY-90102 | USA 66562286 | | | | | | 3 |
| RUANN PRONTO DALLY-52599-ET | 840003127268703 | | | | | | |
| RUANN PRONTO ECHO-46183-ET | 840003126825544 | | | | | | |
| RUANN PRONTO ECHO-46275-ET | 840003126825636 | | | | | | |
| RUANN PRONTO ELLIE-45808-ET | 840003126825173 | | | | | | |
| RUANN PRONTO FOBES-80952-ET | USA 65281069 | | | | | | |
| RUANN PRONTO MERLA-15600-ET | 840003009481622 | | | | | | |
| RUANN PRONTO MOLLY-81267 | USA 66661013 | | | | | | |
| RUANN PRONTO PAIGE-82248-ET | USA 65705875 | | | | | | |
| RUANN PRONTO POSCH-53236-ET | 840003127269340 | | | | | | |
| RUANN PRONTO POSCH-55878-ET | 840003133418658 | | | | | | |
| RUANN PRONTO POSCH-56007-ET | 840003133418787 | | | | | | |
| RUANN PRONTO SUGAR-80885 | USA 65281002 | | | | | | |
| RUANN PUL DORINDA-55142-ET | 840003130274521 | | | | | | |
| RUANN PULS DORINDA-55729-ET | 840003133418509 | | | | | | |
| RUANN PULS DORINDA-55770-ET | 840003133418550 | | | | | | |
| RUANN PULS MELANIE-45985-TW | 840003126825346 | | | | | | |
| RUANN PULSAR ANNA-50901-ET | 840003127759655 | | | | | | |
| RUANN PULSAR ECHO-50988-ET | 840003127759742 | | | | | | |
| RUANN PULSAR ECHO-50994-ET | 840003127759748 | | | | | | |
| RUANN PULSAR ECHO-55326-ET | 840003130274705 | | | | | | |
| RUANN PULSAR ECHO-61851-ET | 840003133419631 | | | | | | |
| RUANN PULSAR KIDDY-50834-ET | 840003127759588 | | | | | | |
| RUANN PULSAR MERLA-55641-ET | 840003133418421 | | | | | | |
| RUANN PULSAR MERLA-55741-ET | 840003133418521 | | | | | | |
| RUANN PULSAR MERLA-55748-ET | 840003133418528 | | | | | | |
| RUANN PULSAR MERLA-55885-ET | 840003133418665 | | | | | | |
| RUANN PULSAR PAULA-54833-ET | 840003130274212 | | | | | | |
| RUANN PULSAR POSCH-51016-ET | 840003127759770 | | | | | | |
| RUANN PULSE ADINA-46116 | 840003126825477 | | | | | | |
| RUANN PULSE ANDREA-45750 | 840003126825111 | | | | | | |
| RUANN PULSE ANDREA-46112 | 840003126825473 | | | | | | |
| RUANN PULSE ANDREA-52545 | 840003127268649 | | | | | | |
| RUANN PULSE ANDREA-54595 | 840003130273974 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PULSE ANGELINA-51985 | 840003127268089 | | | | | | |
| RUANN PULSE ANNA-45480 | 840003124683969 | | | | | | |
| RUANN PULSE ANNA-52958 | 840003127269062 | | | | | | |
| RUANN PULSE BAMSTAR-45468 | 840003124683957 | | | | | | |
| RUANN PULSE BAMSTAR-55238 | 840003130274617 | | | | | | |
| RUANN PULSE BEBE-45464 | 840003124683953 | | | | | | |
| RUANN PULSE BELLA-46380 | 840003126825741 | C | | | | | |
| RUANN PULSE BELLA-55374 | 840003130274753 | C | | | | | |
| RUANN PULSE BETSY-45413 | 840003124683902 | | | C | | | |
| RUANN PULSE CARY-55269 | 840003130274648 | | | | | | |
| RUANN PULSE CHARITY-55822 | 840003133418602 | | | | | | |
| RUANN PULSE CORRIN-46419 | 840003126825778 | | | | | | |
| RUANN PULSE CORRY-52231 | 840003127268335 | | | | | | |
| RUANN PULSE DELUX-45599 | 840003126824960 | C | | | | | |
| RUANN PULSE DORINDA-45502 | 840003126824863 | | | | | | |
| RUANN PULSE DORINDA-45657 | 840003126825018 | | | | | | |
| RUANN PULSE DORINDA-54927 | 840003130274306 | | | | | | |
| RUANN PULSE DORINDA-55382 | 840003130274761 | | | | | | |
| RUANN PULSE DORINDA-56398 | 840003133419178 | | | | | | 1 |
| RUANN PULSE DREAM-45472 | 840003124683961 | | | C | | | |
| RUANN PULSE ECHO-56080 | 840003133418860 | | | | | | |
| RUANN PULSE ELLIE-53473 | 840003127269577 | | | | | | |
| RUANN PULSE FALLON-52871 | 840003127268975 | | | | | | |
| RUANN PULSE GALA-45339 | 840003124683828 | | | | | | |
| RUANN PULSE GLORY-45318 | 840003124683807 | | | | | | |
| RUANN PULSE GLORY-45543 | 840003126824904 | | | | | | |
| RUANN PULSE GLORY-45667 | 840003126825028 | | | | | | |
| RUANN PULSE GLORY-46452 | 840003126825813 | | | | | | |
| RUANN PULSE GLORY-51915 | 840003127268019 | | | | | | |
| RUANN PULSE GLORY-55349 | 840003130274728 | | | | | | |
| RUANN PULSE GRACEY-45834 | 840003126825195 | | | | | | |
| RUANN PULSE HALO-45494-TW | 840003124683983 | | | | | | |
| RUANN PULSE HALO-45495-TW | 840003124683984 | | | | | | |
| RUANN PULSE HELEN-46029 | 840003126825390 | | | | | | |
| RUANN PULSE ISABEAU-45939 | 840003126825300 | C | | | | | |
| RUANN PULSE JADEN-46392 | 840003126825753 | | | | | | |
| RUANN PULSE JEAN-53231 | 840003127269335 | | | | | | |
| RUANN PULSE JOANN-55600 | 840003133418380 | | | | | | |
| RUANN PULSE JOSE-46284 | 840003126825645 | | | | | | |
| RUANN PULSE LANELLE-51505 | 840003127267609 | | | | | | |
| RUANN PULSE LOLA-46175 | 840003126825536 | | | | | | |
| RUANN PULSE LOLA-55921 | 840003133418701 | | | | | | |
| RUANN PULSE LOLA-55931 | 840003133418711 | | | C | | | |
| RUANN PULSE LUCILE-46378 | 840003126825739 | | | | | | |
| RUANN PULSE MALLIE-55168 | 840003130274547 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PULSE MARILYN-45425 | 840003124683914 | | | | | | |
| RUANN PULSE MARIN-46385 | 840003126825746 | | | | | | |
| RUANN PULSE MARINA-46203 | 840003126825564 | | | | | | |
| RUANN PULSE MAY-45379 | 840003124683868 | | | | | | |
| RUANN PULSE MAY-45938 | 840003126825299 | | | | | | |
| RUANN PULSE MELANIE-45279 | 840003124683768 | | | | | | |
| RUANN PULSE MERLA-45373 | 840003124683862 | | | | | | |
| RUANN PULSE MERLA-45463 | 840003124683952 | | | | | | |
| RUANN PULSE MERLA-45829 | 840003126825190 | | | | | | |
| RUANN PULSE MERLA-51527 | 840003127267631 | | | | | | |
| RUANN PULSE MERLA-52004 | 840003127268108 | | | | | | |
| RUANN PULSE MERLA-54428 | 840003130273807 | | | C | | | |
| RUANN PULSE MERLA-55037 | 840003130274416 | | | | | | |
| RUANN PULSE MERLA-55482 | 840003130274861 | | | | | | |
| RUANN PULSE MONA-45586 | 840003126824947 | C | | | | | |
| RUANN PULSE NORAIN-52960 | 840003127269064 | | | | | | |
| RUANN PULSE RETA-51843-TW | 840003127267947 | C | | | | | |
| RUANN PULSE RETA-51844-TW | 840003127267948 | C | | | | | |
| RUANN PULSE ROSALYN-52864 | 840003127268968 | | | | | | |
| RUANN PULSE ROSALYN-55704 | 840003133418484 | | | | | | |
| RUANN PULSE SACHSE-51543 | 840003127267647 | | | | | | |
| RUANN PULSE SILVA-45346 | 840003124683835 | | | | | | |
| RUANN PULSE SUGAR-53616 | 840003130272995 | | | | | | |
| RUANN PULSE SUSAN-45486 | 840003124683975 | | | | | | |
| RUANN PULSE SYLVIA-46095 | 840003126825456 | | | | | | |
| RUANN PULSE TAUNA-56044 | 840003133418824 | | | | | | |
| RUANN PULSE TAUNA-56157 | 840003133418937 | | | | | | |
| RUANN PULSE TEMPEST-45245 | 840003124683734 | | | | | | 1 |
| RUANN PULSE TRIGGER-45481 | 840003124683970 | | | | | | 1 |
| RUANN PULSE VODKA-55363 | 840003130274742 | | | | | | |
| RUANN PULSE WHIM-56200 | 840003133418980 | | | | | | |
| RUANN PUNCH ALMA-21264 | 840003009754986 | | | | | | |
| RUANN PUNCH ANNA-94013 | 840003005124981 | | | | | | |
| RUANN PUNCH CONSTANCE-93472 | 840003005124440 | | | | | | |
| RUANN PUNCH DELUX-32083 | 840003011523051 | | | | | | |
| RUANN PUNCH DORINDA-93552 | 840003005124520 | | | | | | |
| RUANN PUNCH DORINDA-94321 | 840003005125289 | C | | | | | |
| RUANN PUNCH ECHO-30316-ET | 840003011579604 | | | | | | |
| RUANN PUNCH ECHO-32794-ET | 840003011523762 | | | | | | |
| RUANN PUNCH ECHO-32968-ET | 840003011523936 | | | | | | |
| RUANN PUNCH IVERNESS-93747 | 840003005124715 | | | | | | |
| RUANN PUNCH JAXIE-94214 | 840003005125182 | | | | | | |
| RUANN PUNCH JESSE-21255 | 840003009754977 | | | | | | |
| RUANN PUNCH KINGPIN-93516 | 840003005124484 | | | | | | |
| RUANN PUNCH LASS-93621-TW | 840003005124589 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN PUNCH MELANIE-93555 | 840003005124523 | | | | | | |
| RUANN PUNCH MERLA-26450-ET | 840003011179777 | | | | | | |
| RUANN PUNCH MERLA-26467-ET | 840003011179794 | | | | | | |
| RUANN PUNCH MERLA-26498-ET | 840003011179825 | | | | | | |
| RUANN PUNCH MERLA-26674 | 840003011180001 | | | | | | |
| RUANN PUNCH MERLA-33120-ET | 840003011524088 | | | C | | | |
| RUANN PUNCH MERLA-33148-ET | 840003011524116 | | | C | | | |
| RUANN PUNCH MERLA-33188-ET | 840003011524156 | | | | | | |
| RUANN PUNCH MERLA-33199-ET | 840003011524167 | | | | | | |
| RUANN PUNCH MERLA-33205-ET | 840003011524173 | | | C | | | |
| RUANN PUNCH NORAIN-26484-ET | 840003011179811 | | | | | | |
| RUANN PUNCH NORAIN-26494-ET | 840003011179821 | | | | | | |
| RUANN PUNCH PANDORA-93691 | 840003005124659 | | | | | | |
| RUANN PUNCH PANDORA-93722 | 840003005124690 | | | | | | |
| RUANN PUNCH ROSIE-30120-ET | 840003011579408 | | | | | | |
| RUANN PUNCH ROSIE-31974-ET | 840003011522942 | | | | | | |
| RUANN PUNCH TAUNA-33641-ET | 840003012218289 | | | | | | |
| RUANN PUNCH TAUNA-33657-ET | 840003012218305 | | | | | | |
| RUANN PUNCH TAUNA-94934 | 840003006192960 | | | | | | |
| RUANN PUNCH TRINKET-26664 | 840003011179991 | | | | | | |
| RUANN PUNCH TRINKET-93497 | 840003005124465 | | | | | | |
| RUANN PUNCH UTOPIA-93406 | 840003005124374 | | | | | | |
| RUANN PUNCH WHISK-93847 | 840003005124815 | | | | | | |
| RUANN PUNCH-93696 | 840003005124664 | | | | | | |
| RUANN PURE MERLA-41004-ET | 840003014227141 | | | | | | |
| RUANN R BONNIE-42445-RED-ET | 840003013922508 | | | | | | 1 |
| RUANN R CHARITY-16103-RED | 840003009482125 | | | | | | |
| RUANN R CONSTANCE-1650-RED | 840003006992786 | | | | | | 1 |
| RUANN RADIANT ALMA-90650 | USA 66562834 | | | | | | |
| RUANN RADIANT BESSY-90624 | USA 66562808 | C | | | | | |
| RUANN RADIANT BROOK-93276 | 840003005124244 | | | | | | |
| RUANN RADIANT COMET-90545 | USA 66562729 | | | | | | |
| RUANN RADIANT DELUX-93171 | 840003005124139 | | | | | | 3 |
| RUANN RADIANT DINA-93218 | 840003005124186 | | | | | | |
| RUANN RADIANT DOLLY-92071 | 840003005123039 | | | | | | |
| RUANN RADIANT DORINDA-92097 | 840003005123065 | | | | | | |
| RUANN RADIANT ECHO-92536-TW | 840003005123504 | | | | | | |
| RUANN RADIANT ELLIE-92647 | 840003005123615 | C | | | | | |
| RUANN RADIANT GLORY-25693 | 840003011179020 | | | | | | |
| RUANN RADIANT JEAN-92967 | 840003005123935 | | | C | | | |
| RUANN RADIANT KITTY-92887 | 840003005123855 | | | | | | |
| RUANN RADIANT LX-92415 | 840003005123383 | | | | | | |
| RUANN RADIANT MELANIE-93214 | 840003005124182 | | | | | | |
| RUANN RADIANT MELANIE-93296 | 840003005124264 | | | | | | |
| RUANN RADIANT NETTIE-92495 | 840003005123463 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN RADIANT NIAGARA-92478 | 840003005123446 | | | | | | |
| RUANN RADIANT PATTY-93666 | 840003005124634 | | | | | | |
| RUANN RADIANT PEPSI-92375 | 840003005123343 | | | | | | |
| RUANN RADIANT SCARLET-93004 | 840003005123972 | | | | | | |
| RUANN RADIANT SIGRID-93262 | 840003005124230 | | | | | | |
| RUANN RADIANT VICKEY-92866 | 840003005123834 | | | | | | |
| RUANN RADIANT-92599 | 840003005123567 | | | | | | |
| RUANN RADIANT-92883 | 840003005123851 | | | | | | |
| RUANN RADIANT-93346 | 840003005124314 | | | | | | |
| RUANN RAMSE SACHSE-42316-ET | USA 61871923 | | | | | | |
| RUANN RAPTURE-44753-RED-ET | 840003124683242 | | C | | | | 3 |
| RUANN RAPTURE-44803-RED-ET | 840003124683292 | | C | | | | |
| RUANN RAVEN DELOR-90011-RED | USA 66562195 | | | | | | |
| RUANN RAY BESSY-35384-ET | 840003012220032 | | | | | | |
| RUANN RAY DELUX-35243-ET | 840003012219891 | | | C | | | |
| RUANN RAY DELUX-35310-ET | 840003012219958 | | | C | | | |
| RUANN RAY DELUX-44875-ET | 840003124683364 | | | | | | |
| RUANN RAY DELUX-44906-ET | 840003124683395 | | | | | | |
| RUANN RAY GRATEFUL-35892-ET | 840003012220540 | | | C | | | |
| RUANN RAY IRISH-43673-ET | 840003124682162 | | | C | | | |
| RUANN RAY LOLA-35005-ET | 840003012219653 | | | C | | | |
| RUANN RAY MERLA-34666-ET | 840003012219314 | | | C | | | |
| RUANN RAY MERLA-41887-ET | 840003013921950 | | | C | | | |
| RUANN RAY MERLA-42108-ET | 840003013922171 | | | C | | | |
| RUANN RAY MERLA-42182-ET | 840003013922245 | | | | | | |
| RUANN RAY PEGGY-51541-ET | 840003127267645 | | | | | | |
| RUANN READY GLORY-93518-ET | 840003005124486 | | | | | | |
| RUANN REAL LANCE-2195-RED | 840003006993331 | | | | | | 1 |
| RUANN REB BAMSTAR-32372-RED | 840003011523340 | | C | | | | 1 |
| RUANN REB BONNIE-42459-ET | 840003013922522 | | | | | | 1 |
| RUANN REB DORINDA-36449-ET | 840003013920612 | | | | | | 1 |
| RUANN REB DORINDA-36470-ET | 840003013920633 | | | | | | 1 |
| RUANN REB DORINDA-43240-ET | 840003013923303 | | | | | | 1 |
| RUANN REB DORINDA-43307-ET | 840003013923370 | | | | | | 1 |
| RUANN REB DORINDA-51657-ET | 840003127267761 | | C | | | | 1 |
| RUANN REB ROSIE-45926-ET | 840003126825287 | | | | | | 1 |
| RUANN REB ROSIE-45970-ET | 840003126825331 | | C | | | | 1 |
| RUANN REB ROSIE-45972-ET | 840003126825333 | | | | | | 1 |
| RUANN REB ROSIE-46059-ET | 840003126825420 | | | | | | 1 |
| RUANN REBU DORINDA-36419-ET | 840003013920582 | | C | | | | 1 |
| RUANN REBU DORINDA-36422-ET | 840003013920585 | | | | | | 1 |
| RUANN REGGIE ALMA-72178-ET | USA 64333439 | | | | | | |
| RUANN REGGIE GLORY-72152-ET | USA 64333421 | | | | | | |
| RUANN REGIMEN LUCY-85559-ET | USA 66534295 | | | | | | |
| RUANN RENE BONNIE-53999-ET | 840003130273378 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN RENE BONNIE-54036-ET | 840003130273415 | | | | | | |
| RUANN RENE BONNIE-54038-ET | 840003130273417 | | | | | | 1 |
| RUANN RENE ELLIE-55820-ET | 840003133418600 | | | | | | 1 |
| RUANN RENE GLORY-54396-ET | 840003130273775 | | | | | | |
| RUANN RENE NORAIN-55665-ET | 840003133418445 | | | | | | |
| RUANN RENE NORAIN-55678-ET | 840003133418458 | | | | | | |
| RUANN RENE NORAIN-55726-ET | 840003133418506 | | | | | | |
| RUANN RENE NORAIN-55746-ET | 840003133418526 | | | | | | |
| RUANN RENE NORAIN-55758-ET | 840003133418538 | | | | | | |
| RUANN RENE PAIGE-54204-ET | 840003130273583 | | | | | | |
| RUANN RENE PAIGE-54256-ET | 840003130273635 | | | | | | |
| RUANN RENEGAD DORINDA-51093 | 840003127759847 | | | | | | |
| RUANN RENEGADE JEAN-50860 | 840003127759614 | | | | | | |
| RUANN RIDLER LORENA-30703 | USA 61526058 | | | | | | |
| RUANN RO CONDUCTOR-54503-ET | 840003130273882 | | | | | | |
| RUANN RO MAPLE-54992-RED-ET | 840003130274371 | | | | | | 1 |
| RUANN ROS BEATRICE-44230-ET | 840003124682719 | | | | | | |
| RUANN ROSS CARRIE-43067-ET | 840003013923130 | | | | | | |
| RUANN ROSS ECHO-1727 | 840003006992863 | C | | | | | |
| RUANN ROSS ENID-80566-ET | USA 65280683 | C | | | | | |
| RUANN ROSS GAL-91885-ET | 840003005122853 | C | | | | | |
| RUANN ROSS KINGPIN-93784-ET | 840003005124752 | | | | | | |
| RUANN ROSS MELANIE-54488-ET | 840003130273867 | | | | | | |
| RUANN ROSS SILVA-80965 | USA 65281082 | C | | | | | |
| RUANN ROSS TAUNA-54471-ET | 840003130273850 | | | | | | |
| RUANN RUB SALLY-61656-ETS | 840003133419436 | | | | | | |
| RUANN RUB SALLY-61658-ETS | 840003133419438 | | | | | | |
| RUANN RUBEN BONNIE-32073-ET | USA 61312338 | | | | | | |
| RUANN RUBEN BONNIE-32126-ET | USA 61312363 | | | | | | |
| RUANN RUBEN ELA-20524-ET | USA 60791411 | | | | | | |
| RUANN RUBI BETSY-62176-ET | 840003133419956 | | | | | | |
| RUANN RUBI NORAIN-62233-ET | 840003133420013 | | | | | | |
| RUANN RUBIC MERLA-61839-ET | 840003133419619 | | | | | | |
| RUANN RUBICO BETSY-61667-ET | 840003133419447 | | | | | | |
| RUANN RUBICON ALMA-61556-ET | 840003133419336 | | | | | | |
| RUANN RUBICON ALMA-62167-ET | 840003133419947 | | | | | | |
| RUANN RUBICON ALMA-62187-ET | 840003133419967 | | | | | | |
| RUANN RUDOLPH ANDREA-952-ET | USA 60299530 | | | | | | |
| RUANN RUDOLPH ECHO 13486-ET | USA 60605203 | | | | | | |
| RUANN RUDOLPH ECHO 13499-ET | USA 60614929 | | | | | | |
| RUANN RUDOLPH LANELLE-10919 | USA 60588227 | | | C | | | |
| RUANN RUDY BAMSTAR-61187 | USA 62727470 | | | | | | |
| RUANN RUDY DORINDA-61181 | USA 62727464 | C | | | | | |
| RUANN RUDY GAY 83594-ET | USA 66047841 | C | | | | | |
| RUANN RUDY MERLA-60694 | USA 62726977 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN RUSSMATT-45271-RED | 840003124683760 | | | | | C | 1 |
| RUANN RUSSMATT-91764-RED-ET | 840003005122732 | | | | | | |
| RUANN RYK ECHO-41705-ET | 840003013921768 | | | | | | |
| RUANN RYK GRATEFUL-35952-ET | 840003012220600 | | | | | | |
| RUANN RYK GRATEFUL-36340-ET | 840003013920503 | | | | | | |
| RUANN RYKER BESSY-36425-ET | 840003013920588 | | | | | | |
| RUANN RYKER ECHO-42313-ET | 840003013922376 | | | C | | | |
| RUANN RYKER TAUNA-42749-ET | 840003013922812 | | | | | | |
| RUANN RYKER WHIM-42647-ET | 840003013922710 | | | | | | |
| RUANN RYKER WHIM-42661-ET | 840003013922724 | | | C | | | |
| RUANN S CONSTANCE-36447-RED | 840003013920610 | C | | | | | |
| RUANN S CONSTANCE-45529-RED | 840003126824890 | | | | | | 1 |
| RUANN S MERLA-33435-RED-ET | 840003011524403 | | | | | | |
| RUANN S-A TRINKET-10935 | USA 69971384 | | | | | | |
| RUANN S-GLASS ANNA-31130-ET | 840003011580418 | | | | | | |
| RUANN S-GLASS ARLENE-40354 | 840003014226491 | | | | | C | |
| RUANN S-GLASS BESSY-31287 | 840003011580575 | | | | | | |
| RUANN S-GLASS MERLA-40131 | 840003014226268 | | | | | | |
| RUANN S-MATIC BONNIE-60697 | USA 62726980 | | | | | | 1 |
| RUANN S-ROCK BESSY-11267 | USA 69971716 | | | | | | |
| RUANN S-ROCK LANELLE-21042 | 840003009754764 | | | | | | |
| RUANN S-ROCK MERLA-11217-ET | USA 69971666 | | | | | | |
| RUANN S-ROCK MERLA-11248-ET | USA 69971697 | | | | | | |
| RUANN S-SIRE MERLA-30300-ET | 840003011579588 | | | | | | |
| RUANN S-SIRE MERLA-30641 | 840003011579929 | | | | | | |
| RUANN S-SIRE POSCH-30652 | 840003011579940 | | | | | | |
| RUANN S-SONIC ELLA-21163 | 840003009754885 | | | | | | |
| RUANN S-SONIC MERLA-21192 | 840003009754914 | | | | | | |
| RUANN S-SONIC PAULA-20834 | 840003009754556 | | | | | | |
| RUANN S-SPEARE MERLA-50302 | 840003127759056 | | | | | | |
| RUANN S-STORM ECHO-61079-ET | USA 62727362 | | | | | | |
| RUANN SACRED CLEO-85273 | USA 66462928 | | | | | | |
| RUANN SACRED CORRIN-91545 | 840003005122513 | | | | | | |
| RUANN SACRED DORA-85536 | USA 66534276 | | | | | | |
| RUANN SACRED JEEP-85422 | USA 66534190 | | | | | | |
| RUANN SACRED MERLA-86030-TW | USA 66833622 | | | | | | |
| RUANN SACRED MERLA-86031-TW | USA 66833623 | | | | | | |
| RUANN SACRED NORAIN-91587 | 840003005122555 | | | | | | |
| RUANN SACRED SCARLET-84435 | USA 66230477 | | | | | | |
| RUANN SACRED VODKA-84293 | USA 66171830 | | | | | | |
| RUANN SAIL ELLIE-35679-ET | 840003012220327 | | | | | | |
| RUANN SAIL JEAN-20245-ET | 840003009753967 | | | | | | |
| RUANN SAILIN ELLIE-35702-ET | 840003012220350 | | | | | | |
| RUANN SAILIN ELLIE-42689-ET | 840003013922752 | | | | | | |
| RUANN SAILIN JAMIE-31896-ET | 840003011522864 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SAILING ECHO-35491-ET | 840003012220139 | | | | | | |
| RUANN SAILING JEAN-36315-ET | 840003013920478 | | | C | | | |
| RUANN SAILING JEAN-36321-ET | 840003013920484 | | | | | | |
| RUANN SALOON MERLA-41871-ET | 840003013921934 | | | | | | |
| RUANN SALOON MERLA-42980-ET | 840003013923043 | | | | | | |
| RUANN SALOON MERLA-45647-ET | 840003126825008 | | | | | | |
| RUANN SALOON POSCH-40034-ET | 840003014226171 | | | | | | |
| RUANN SALOON POSCH-41513-ET | 840003013921576 | | | | | | |
| RUANN SAN BONNIE-11807-ET | 840003008209931 | | | | | | |
| RUANN SAN DELUX-94060-ET | 840003005125028 | | | | | | |
| RUANN SAN MERLA-93967-ET | 840003005124935 | | | | | | |
| RUANN SAN SACHSE-93551-ET | 840003005124519 | | | | | | |
| RUANN SANCH SUGAR-93799-ET | 840003005124767 | | | C | | | |
| RUANN SANCHE POSCH-13150-ET | 840003008211274 | | | | | | |
| RUANN SANCHEZ ELLA-94960-ET | 840003006192986 | | | | | | |
| RUANN SAPUT NOBLE-61546-RED | 840003133419326 | | | | | | |
| RUANN SAPUTO MERLA-56394 | 840003133419174 | | | | | | |
| RUANN SAPUTO ROSIE-35931-ET | 840003012220579 | | | | | | |
| RUANN SAPUTO ROSIE-42586-ET | 840003013922649 | | | | | | |
| RUANN SAPUTO ROSIE-42619-ET | 840003013922682 | | | | | | |
| RUANN SAPUTO ROSIE-42704-ET | 840003013922767 | | | | | | |
| RUANN SAPUTO ROSIE-42768-ET | 840003013922831 | | | | | | |
| RUANN SAPUTO ROSIE-42831-ET | 840003013922894 | | | | | | |
| RUANN SAPUTO ROSIE-42970-ET | 840003013923033 | | | | | | |
| RUANN SATO DELUX-90439-TW | USA 66562623 | | | | | | |
| RUANN SATO DELUX-93030 | 840003005123998 | | | | | | |
| RUANN SATO ELLIE-93011 | 840003005123979 | | | | | | |
| RUANN SATO K-NELLIE-92904 | 840003005123872 | | | | | | |
| RUANN SATO MAGIC-93067 | 840003005124035 | | | | | | |
| RUANN SATO-93039 | 840003005124007 | | | | | | |
| RUANN SCORE MAYA-93842 | 840003005124810 | | | | | | |
| RUANN SCORE TAMMY-93846 | 840003005124814 | | | | | | |
| RUANN SCORPIO DORINDA-61049 | USA 62727332 | | | | | | |
| RUANN SCORPIO KATHY-61015 | USA 62727298 | | | | | | |
| RUANN SE GRATEFUL-55679-ET | 840003133418459 | | | | | C | |
| RUANN SEED ANGELINA-92700 | 840003005123668 | | | | | | |
| RUANN SEED ANNA-92837 | 840003005123805 | | | | | | |
| RUANN SEED DEBUTANT-92981 | 840003005123949 | | | | | | |
| RUANN SEED DELUX-92699 | 840003005123667 | | | | | | |
| RUANN SEED DELUX-93286 | 840003005124254 | | | | | | |
| RUANN SEED GLORY-93157-TW | 840003005124125 | | | | | | |
| RUANN SEED HANNAH-93160 | 840003005124128 | | | | | | |
| RUANN SEED LASSITER-93264 | 840003005124232 | | | | | | |
| RUANN SEED LOUISE-92707 | 840003005123675 | | | | | | |
| RUANN SEED PHYLLIS-92548 | 840003005123516 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SEED ROSIE-93107 | 840003005124075 | | | | | | |
| RUANN SEED TAUNA-92544 | 840003005123512 | | | | | | |
| RUANN SEED TAUNA-93189 | 840003005124157 | | | | | | |
| RUANN SEED TUFFEE-90553 | USA 66562737 | | | | | | |
| RUANN SEED-93040-TW | 840003005124008 | | | | | | |
| RUANN SEED-93041-TW | 840003005124009 | | | | | | |
| RUANN SEN GRATEFUL-55872-ET | 840003133418652 | | | | | | |
| RUANN SEN GRATEFUL-55874-ET | 840003133418654 | | | | | C | |
| RUANN SEN GRATEFUL-55930-ET | 840003133418710 | | | | | | |
| RUANN SEND TRINKET-61862-ET | 840003133419642 | | | | | C | 3 |
| RUANN SEND TRINKET-61868-ET | 840003133419648 | | | | | | |
| RUANN SEND TRINKET-61904-ET | 840003133419684 | | | | | C | 3 |
| RUANN SEND TRINKET-61906-ET | 840003133419686 | | | | | C | 3 |
| RUANN SEND TRINKET-61909-ET | 840003133419689 | | | | | | |
| RUANN SEND TRINKET-61922-ET | 840003133419702 | | | | | | |
| RUANN SEND TRINKET-61980-ET | 840003133419760 | | | | | C | 3 |
| RUANN SEND TRINKET-62000-ET | 840003133419780 | | | | | | 3 |
| RUANN SENDER BESSY-61502 | 840003133419282 | | | | | C | |
| RUANN SENDER ECHO-56126-ET | 840003133418906 | | | | | | |
| RUANN SENDER ROXY-51115-ET | 840003127759869 | | | | | | |
| RUANN SENDER ROXY-55670-ET | 840003133418450 | | | | | | |
| RUANN SENDER ROXY-55672-ET | 840003133418452 | | C | | | | |
| RUANN SENDER ROXY-55692-ET | 840003133418472 | | | | | C | |
| RUANN SEPT CORRY-72826-ET | USA 64523518 | | | C | | | |
| RUANN SEPT CORRY-72851-ET | USA 64523536 | | | | | | 1 |
| RUANN SEPT MERLA-53338-ET | USA 62526446 | | | | | | 1 |
| RUANN SEPT SACHSE-81218-ET | USA 65281335 | | | | | | |
| RUANN SHADO BONNIE-35601-ET | 840003012220249 | | | | | | |
| RUANN SHADO BONNIE-35638-ET | 840003012220286 | | | C | | | |
| RUANN SHADOW HELEN-35409-ET | 840003012220057 | | | C | | | |
| RUANN SHADOW HELEN-35450-ET | 840003012220098 | | | C | | | |
| RUANN SHADOW JEAN-36220-ET | 840003013920383 | | | C | | | |
| RUANN SHADOW MERLA-33524-ET | 840003012218172 | | | | | | |
| RUANN SHADOW MERLA-51573-ET | 840003127267677 | | | C | | | |
| RUANN SHADOW PEGGY-35421-ET | 840003012220069 | | | | | | |
| RUANN SHADOW PEGGY-45026-ET | 840003124683515 | | | C | | | |
| RUANN SHADOW PEGGY-51586-ET | 840003127267690 | | | | | | |
| RUANN SHADOW PEGGY-51612-ET | 840003127267716 | C | | C | | | |
| RUANN SHAKE BESSIE-50265-ET | 840003127759019 | | | | | | |
| RUANN SHAKE MERLA-45925-ET | 840003126825286 | | | | | | |
| RUANN SHAKE POSCH-51956-ET | 840003127268060 | | | | | | |
| RUANN SHAKES ECHO-53382-ET | 840003127269486 | | | | | | |
| RUANN SHAKES MERLA-45890-ET | 840003126825251 | | | | | | |
| RUANN SHAKES MERLA-45968-ET | 840003126825329 | | | | | | |
| RUANN SHAKES MERLA-52239-ET | 840003127268343 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SHAKES PEGGY-46396-ET | 840003126825757 | | | | | | |
| RUANN SHAKES PEGGY-46407-ET | 840003126825768 | | | | | | |
| RUANN SHAKES PEGGY-46443-ET | 840003126825804 | | | | | | |
| RUANN SHAKES PEGGY-46462-ET | 840003126825823 | | | | | | |
| RUANN SHAKES PEGGY-46463-ET | 840003126825824 | | | | | | |
| RUANN SHAKES PEGGY-46466-ET | 840003126825827 | | | | | | |
| RUANN SHAKES PHOEBE-50460 | 840003127759214 | | | | | | |
| RUANN SHAKES POSCH-52030-ET | 840003127268134 | | | | | | |
| RUANN SHAM BESSY-21986-ET | 840003009641638 | | | | | | |
| RUANN SHAM BONNIE-43511-ET | 840003124682000 | | | | | | |
| RUANN SHAM DELUX-22046-ET | 840003009641698 | | | | | | |
| RUANN SHAM DORINDA-35514-ET | 840003012220162 | | | | | | |
| RUANN SHAM JESSE-21512-ET | 840003009641164 | | | | | | |
| RUANN SHAM MERLA-33914-ET | 840003012218562 | | | | | | |
| RUANN SHAM POSCH-23593-ET | 840003010367190 | | | | | | |
| RUANN SHAM POSCH-43440-ET | 840003013923503 | | | | | | |
| RUANN SHAM TRINKET-15852-ET | 840003009481874 | | | | | | |
| RUANN SHAM VODKA-43997-ET | 840003124682486 | | | | | | |
| RUANN SHAMROC ALMA-25108-ET | 840003010368705 | | | | | | |
| RUANN SHAMROC ALMA-25112-ET | 840003010368709 | | | | | | |
| RUANN SHAMROC ALMA-25189-ET | 840003010368786 | | | | | | |
| RUANN SHAMROCK ANNA-11201 | USA 69971650 | | | | | | |
| RUANN SHAMROCK DELUX-20293 | 840003009754015 | | | | | | |
| RUANN SHAMROCK ECHO-20328 | 840003009754050 | | | | | | |
| RUANN SHAMROCK GLORY-21214 | 840003009754936 | | | | | | |
| RUANN SHAMROCK POSCH-11050 | USA 69971499 | C | | | | | |
| RUANN SHAN GLORY-34641 | 840003012219289 | | | | | | |
| RUANN SHAN GLORY-40047-ET | 840003014226184 | | | | | | |
| RUANN SHAN GLORY-41531-ET | 840003013921594 | | | | | | |
| RUANN SHAN GLORY-41548-ET | 840003013921611 | | | | | | |
| RUANN SHAN GLORY-41601-ET | 840003013921664 | | | | | | |
| RUANN SHAN LANELLE-30885 | 840003011580173 | | | | | | |
| RUANN SHAN POSCH-30767-ET | 840003011580055 | | | | | | |
| RUANN SHAN POSCH-30969-ET | 840003011580257 | | | | | | |
| RUANN SHAN POSCH-34180-ET | 840003012218828 | | | | | | |
| RUANN SHAN POSCH-34396-ET | 840003012219044 | | | | | | |
| RUANN SHAN POSCH-34445-ET | 840003012219093 | | | | | | |
| RUANN SHAN POSCH-34467-ET | 840003012219115 | | | | | | |
| RUANN SHAN POSCH-34513-ET | 840003012219161 | | | | | | |
| RUANN SHAN POSCH-34716-ET | 840003012219364 | | | | | | |
| RUANN SHAN POSCH-34736-ET | 840003012219384 | | | | | | |
| RUANN SHAN POSCH-34831-ET | 840003012219479 | | | | | | |
| RUANN SHANE ALMA-44660-ET | 840003124683149 | | | | | | |
| RUANN SHANE ALMA-44744-ET | 840003124683233 | | | | | | |
| RUANN SHANE ALMA-44761-ET | 840003124683250 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SHANE ALMA-44765-ET | 840003124683254 | | | | | | |
| RUANN SHARVANA-55006-RED-ET | 840003130274385 | | | | | | |
| RUANN SHARVANNAH-53820-ET | 840003130273199 | | | | | | 1 |
| RUANN SHARVANNAH-55018-ET | 840003130274397 | | | | | | 1 |
| RUANN SHO BECKY-42361-ET | 840003013922424 | | | | | | |
| RUANN SHOT ALLI-35378-ET | 840003012220026 | | | | | C | |
| RUANN SHOT ALLI-35424-ET | 840003012220072 | | | | | | |
| RUANN SHOT ANNA-36273-ET | 840003013920436 | | | | | | |
| RUANN SHOT ANNA-597-ET | USA 69018199 | | | | | | |
| RUANN SHOT BECKY-42353-ET | 840003013922416 | | | | | C | |
| RUANN SHOT CHARITY-14186-ET | 840003009221923 | | | | | C | |
| RUANN SHOT COMET-42961-ET | 840003013923024 | | | | | | |
| RUANN SHOT COMET-43050-ET | 840003013923113 | | | | | | |
| RUANN SHOT COMET-43068-ET | 840003013923131 | | | | | C | |
| RUANN SHOT CORRY-34045-ET | 840003012218693 | | | | | | |
| RUANN SHOT ELLIE-54439-ET | 840003130273818 | | | | | C | |
| RUANN SHOT ELLIE-54474-ET | 840003130273853 | | | | | C | |
| RUANN SHOT ELLIE-54497-ET | 840003130273876 | | | | | | |
| RUANN SHOT GLORY-54218-ET | 840003130273597 | | | | | | |
| RUANN SHOT GLORY-54236-ET | 840003130273615 | | | | | | |
| RUANN SHOT GLORY-54369-ET | 840003130273748 | | | | | C | |
| RUANN SHOT LANELLE-14544-ET | 840003009222281 | | | | | C | |
| RUANN SHOT MELANIE-35903-ET | 840003012220551 | | | | | C | |
| RUANN SHOT PEGGY-35762 | 840003012220410 | C | | | | | |
| RUANN SHOT PEGGY-51762-ET | 840003127267866 | | | | | C | |
| RUANN SHOT PEGGY-51891-ET | 840003127267995 | | | | | C | |
| RUANN SHOT PEGGY-51904-ET | 840003127268008 | | | | | | |
| RUANN SHOT PEGGY-54104-ET | 840003130273483 | | | | | C | |
| RUANN SHOT PEGGY-54374-ET | 840003130273753 | | | | | C | |
| RUANN SHOT POSCH-20584-ET | 840003009754306 | | | | | | |
| RUANN SHOTT ALMA-44066-ET | 840003124682555 | | | | | | |
| RUANN SHOTT BESSY-11605-ET | 840003008209729 | | | | | | |
| RUANN SHOTT DELUX-44051-ET | 840003124682540 | | | | | | |
| RUANN SHOTT ELLIE-42490-ET | 840003013922553 | | | | | | |
| RUANN SHOTT ELLIE-42561-ET | 840003013922624 | | | | | C | |
| RUANN SHOTT ELLIE-43674-ET | 840003124682163 | | | | | | |
| RUANN SHOTT ELLIE-44225-ET | 840003124682714 | | | | | | |
| RUANN SHOTT GLORY-36181-ET | 840003013920344 | | | | | C | |
| RUANN SHOTT HEMAN-43404-ET | 840003013923467 | | | | | | |
| RUANN SHOTT IRISH-43984-ET | 840003124682473 | | | | | | |
| RUANN SHOTT MAIDEN-42720-ET | 840003013922783 | | | | | C | |
| RUANN SHOTT MAIDEN-42742-ET | 840003013922805 | | | | | C | |
| RUANN SHOTT MAIDEN-42778-ET | 840003013922841 | | | | | C | |
| RUANN SHOTT MERLA-43840-ET | 840003124682329 | | | | | | |
| RUANN SHOTT MERLA-43854-ET | 840003124682343 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SHOTT MERLA-44045-ET | 840003124682534 | | | | | | |
| RUANN SHOTT MERLA-44299-ET | 840003124682788 | | | | | | |
| RUANN SHOTT MERLA-44819-ET | 840003124683308 | | | | | | |
| RUANN SHOTT MERLA-44839-ET | 840003124683328 | | | | | | |
| RUANN SHOTT NORAIN-41993-ET | 840003013922056 | | | | | C | |
| RUANN SHOTT NORAIN-42063-ET | 840003013922126 | | | | | | |
| RUANN SHOTT NORAIN-44857-ET | 840003124683346 | | | | | | |
| RUANN SHOTT NORAIN-44873-ET | 840003124683362 | | | | | | |
| RUANN SHOTT NORAIN-44897-ET | 840003124683386 | | | | | | |
| RUANN SHOTT NORAIN-91822-ET | 840003005122790 | | | | | | |
| RUANN SHOTT NORAIN-91871-ET | 840003005122839 | | | | | C | |
| RUANN SHOTT NORAIN-91910-ET | 840003005122878 | | | | | | |
| RUANN SHOTT PEGGY-43493-ET | 840003013923556 | | | | | | |
| RUANN SHOTT PEGGY-43545-ET | 840003124682034 | C | | | | | |
| RUANN SHOTT PEGGY-43559-ET | 840003124682048 | C | | | | | |
| RUANN SHOTT PEGGY-43642-ET | 840003124682131 | C | | | | | |
| RUANN SHOTT PEGGY-43661-ET | 840003124682150 | C | | | | | |
| RUANN SHOTT POSCH-24084-ET | 840003010367681 | | | | | | |
| RUANN SHOTT ROSIE-43492-ET | 840003013923555 | | | | | | |
| RUANN SHOTT ROSIE-43500-ET | 840003013923563 | | | | | | |
| RUANN SHOTT TAUNA-91935-ET | 840003005122903 | | | | | | |
| RUANN SHOTTL GLORY-43359-ET | 840003013923422 | | | | | | |
| RUANN SHOTTL GLORY-91736-ET | 840003005122704 | | | | | | |
| RUANN SHOTTL GLORY-91798-ET | 840003005122766 | | | | | | |
| RUANN SHOTTL JESSE-93183-ET | 840003005124151 | | | | | C | |
| RUANN SHOTTL MERLA-44938-ET | 840003124683427 | | | | | | |
| RUANN SHOTTLE ANNA-91034-ET | USA 66563218 | | | | | | |
| RUANN SHOTTLE ANNA-94865-ET | 840003006192891 | C | | | | C | |
| RUANN SHOTTLE ECHO-1056 | USA 69018658 | | | | | | |
| RUANN SHOTTLE ECHO-44859-ET | 840003124683348 | | | | | | |
| RUANN SHOWBIZ CORRY-93399 | 840003005124367 | | | | | | |
| RUANN SHOWBIZ FLAME-93411 | 840003005124379 | C | | | | C | |
| RUANN SID CHARMER-94273-ET | 840003005125241 | | | | | | |
| RUANN SID DORINDA-92065-ET | 840003005123033 | | | | | | |
| RUANN SID SACHSE-92522-ET | 840003005123490 | | | | | | |
| RUANN SIDNEY ANN-32845-ET | 840003011523813 | | | | | | |
| RUANN SIDNEY ELA-41920-ET | 840003013921983 | | | | | | |
| RUANN SIDNEY ELA-42237-ET | 840003013922300 | | | | | | |
| RUANN SIDNEY ELA-54450-ET | 840003130273829 | | | | | | |
| RUANN SIDNEY ELA-54518-ET | 840003130273897 | | | | | | |
| RUANN SIDNEY JEAN-85880-ET | USA 66610106 | | | | | | |
| RUANN SIDNEY POSCH-53244-ET | 840003127269348 | | | | | | |
| RUANN SIDNEY TAUNA-32428-ET | 840003011523396 | | | | | | |
| RUANN SIDNEY VICKY-54817-ET | 840003130274196 | | | | | | |
| RUANN SIL DORINDA-53831-ET | 840003130273210 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SIL DORINDA-53872-ET | 840003130273251 | | | | | | |
| RUANN SILV DORINDA-53879-ET | 840003130273258 | | | | | | |
| RUANN SILV ELECTRA-53896-ET | 840003130273275 | | | | | | |
| RUANN SILV ELECTRA-54558-ET | 840003130273937 | | | | | | |
| RUANN SILV OMELIA-54015-ET | 840003130273394 | | | | | C | |
| RUANN SILV TRINKET-50473-ET | 840003127759227 | | | | | | |
| RUANN SILV TRINKET-50556-ET | 840003127759310 | | | | | | |
| RUANN SILV TRINKET-53875-ET | 840003130273254 | | | | | | |
| RUANN SILV TRINKET-54353-ET | 840003130273732 | | | | | | |
| RUANN SILV TRINKET-54429-ET | 840003130273808 | | | | | | |
| RUANN SILVER BETH-50846-ET | 840003127759600 | | | | | | |
| RUANN SILVER MERLA-54245-ET | 840003130273624 | | | | | | |
| RUANN SILVER MISSY-61931-ET | 840003133419711 | | | | | | |
| RUANN SILVER PAULA-53900-ET | 840003130273279 | | | | | | 1 |
| RUANN SILVER POSCH-53915-ET | 840003130273294 | | | | | | |
| RUANN SILVER POSCH-53938-ET | 840003130273317 | | | | | | |
| RUANN SILVER POSCH-61673-ET | 840003133419453 | | | | | | |
| RUANN SILVER POSCH-61734-ET | 840003133419514 | | | | | | |
| RUANN SILVER POSCH-61807-ET | 840003133419587 | | | | | | |
| RUANN SILVER SALLY-54808-ET | 840003130274187 | | | | | | |
| RUANN SILVER SALLY-54851-ET | 840003130274230 | | | | | | |
| RUANN SILVER SALLY-54918-ET | 840003130274297 | | | | | | |
| RUANN SILVER TAUNA-53848-ET | 840003130273227 | | | | | | |
| RUANN SILVER TAUNA-53874-ET | 840003130273253 | | | | | | |
| RUANN SILVER TAUNA-61597-ET | 840003133419377 | | | | | | |
| RUANN SILVER TAUNA-61601-ET | 840003133419381 | | | | | | |
| RUANN SILVER TAUNA-61604-ET | 840003133419384 | | | | | | |
| RUANN SILVER WHIM-53873 | 840003130273252 | | | | | | |
| RUANN SMATIC GLORY-63873-ET | USA 63364882 | | | | | | |
| RUANN SNOW POSCH-41907-ET | 840003013921970 | | | C | | | |
| RUANN SNOW SHERAC-42257 | 840003013922320 | | | | | | |
| RUANN SPEAR MERLA-3639-ET | 840003004670028 | | C | | | C | |
| RUANN SPECIAL KIDD-50312 | USA 62119567 | | C | | | | |
| RUANN SPECT CHARITY-36498 | 840003013920661 | C | | | | | |
| RUANN SPECT VALERIE-36443 | 840003013920606 | | | | | | |
| RUANN SPECTRUM DELOR-36461 | 840003013920624 | | | | | | |
| RUANN SPIRTE JAMIE-70478 | USA 63613825 | | | | | | |
| RUANN SPIRTE MELANIE-70643 | USA 63613990 | | | | | | |
| RUANN SPIRTE PEGGY-80727-ET | USA 65280844 | | | | | | |
| RUANN SPIRTE PEGGY-85246-ET | USA 66462908 | | | | | | |
| RUANN SPIRTE ROXY-80522 | USA 65280639 | | | | | | |
| RUANN SPITZ ANDREA-42270-ET | 840003013922333 | | | | | | |
| RUANN SPRING ECHO-54830-ET | 840003130274209 | | | | | | |
| RUANN SPRING ECHO-54892-ET | 840003130274271 | | | | | | |
| RUANN SPRING ECHO-54935-ET | 840003130274314 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SPRING ECHO-55829-ET | 840003133418609 | | | | | | |
| RUANN SPRING ECHO-55890-ET | 840003133418670 | | | | | | |
| RUANN SPRING ECHO-55920-ET | 840003133418700 | | | | | | |
| RUANN SPRING GLORY-55787-ET | 840003133418567 | | | | | | |
| RUANN SPRING GLORY-55825-ET | 840003133418605 | | | | | | |
| RUANN SPRING GLORY-55830-ET | 840003133418610 | | | | | | |
| RUANN SPRING MERLA-51152 | 840003127759906 | | | | | | |
| RUANN SPRING MERLA-54468-ET | 840003130273847 | | | | | | |
| RUANN SPRING POSCH-54942-ET | 840003130274321 | | | | | | |
| RUANN SPRING PRESA-50833-ET | 840003127759587 | | | | | | |
| RUANN SPRING SALLY-61562-ET | 840003133419342 | | | | | | |
| RUANN SPRING SALLY-61592-ET | 840003133419372 | | | | | | |
| RUANN SSIR TRINKET-30257-ET | 840003011579545 | | | | | | |
| RUANN SSIRE BROOKE-30351-ET | 840003011579639 | | | | | | |
| RUANN STAN MAIDEN-31818-ET | 840003011522786 | | | | | | 1 |
| RUANN STER BONNIE-34755-ET | 840003012219403 | | | | | | 3 |
| RUANN STER DORINDA-34948-ET | 840003012219596 | | | | | | |
| RUANN STER DORINDA-45645-ET | 840003126825006 | | | | | | |
| RUANN STER ELECTRA-41147-ET | 840003014227284 | | | | | | |
| RUANN STERLI POSCH-45435-ET | 840003124683924 | | | | | | |
| RUANN STORMA MOLLY-94331-ET | 840003005125299 | | | | | | 1 |
| RUANN SUGAR-53142-RED-ET | 840003127269246 | C | | | | | |
| RUANN SUGAR-53193-RED-ET | 840003127269297 | C | | | | | |
| RUANN SUPER BROOKE-32847-ET | 840003011523815 | | | | | | |
| RUANN SUPER BROOKE-32871-ET | 840003011523839 | | C | | | | |
| RUANN SUPER BROOKE-32895-ET | 840003011523863 | | C | | | | |
| RUANN SUPER BROOKE-32896-ET | 840003011523864 | | | | | | |
| RUANN SUPER BROOKE-32926-ET | 840003011523894 | | | | | | |
| RUANN SUPER BROOKE-32964-ET | 840003011523932 | | C | | | | |
| RUANN SUPER BROOKE-32999-ET | 840003011523967 | | C | | | | |
| RUANN SUPER DELUX-34058-ET | 840003012218706 | | | | | | |
| RUANN SUPER DELUX-34065-ET | 840003012218713 | | | | | | |
| RUANN SUPER DELUX-34906-ET | 840003012219554 | | | | | | |
| RUANN SUPER DELUX-34911-ET | 840003012219559 | | | | | | |
| RUANN SUPER DELUX-34961-ET | 840003012219609 | | | | | | |
| RUANN SUPER DELUX-34985-ET | 840003012219633 | | | | | | |
| RUANN SUPER MERLA-32791-ET | 840003011523759 | | | | | | |
| RUANN SUPER POSCH-34609-ET | 840003012219257 | | | | | | |
| RUANN SUPER POSCH-35057-ET | 840003012219705 | | | | | | |
| RUANN SUPERB MERLA-20853 | 840003009754575 | | | | | C | |
| RUANN SUPERS DELUX-34036-ET | 840003012218684 | | | | | | |
| RUANN SUPERSIRE JEAN-33127 | 840003011524095 | C | | | | | |
| RUANN SUPERSON TAUNA-24948 | 840003010368545 | | | | | | |
| RUANN SUPERSONIC DORINDA | USA 72407259 | | | | | | |
| RUANN SY CONSTANCE-35237-ET | 840003012219885 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN SY CONSTANCE-35327-ET | 840003012219975 | | | | | | |
| RUANN SY CONSTANCE-36115-ET | 840003013920278 | | C | | | | |
| RUANN SYMPAT CHARITY-30990 | 840003011580278 | | | C | | | |
| RUANN SYMPAT CHARITY-40247 | 840003014226384 | | | | | | |
| RUANN T CONSTANCE-55279-TW | 840003130274658 | | | | | | |
| RUANN T CONSTANCE-55280-TW | 840003130274659 | | | | | | |
| RUANN T HANDMAID-44451-ET | USA 62130481 | | | | | | |
| RUANN T MAPLE-52339-RED-ET | 840003127268443 | | | | | | |
| RUANN T MAPLE-52372-RED-ET | 840003127268476 | | | | | | |
| RUANN T MAPLE-52416-RED-ET | 840003127268520 | | | | | | |
| RUANN TANGO ANNA-50337 | 840003127759091 | | | | | | |
| RUANN TANGO DELUX-52311-ET | 840003127268415 | | | | | | |
| RUANN TANGO DORINDA-40931 | 840003014227068 | | | | | | |
| RUANN TANGO GLORY-51918-ET | 840003127268022 | | C | | | | |
| RUANN TANGO IRISH-45999-ET | 840003126825360 | | | | | | |
| RUANN TANGO IRISH-46028-ET | 840003126825389 | | | | | | |
| RUANN TANGO IRISH-46051-ET | 840003126825412 | | C | | | | |
| RUANN TANGO IRISH-46080-ET | 840003126825441 | | C | | | | |
| RUANN TANGO IRISH-50100-ET | 840003127758854 | | C | | | | |
| RUANN TANGO MERLA-40652 | 840003014226789 | | | | | | |
| RUANN TANGO MERLA-40684 | 840003014226821 | | C | | | | |
| RUANN TANGO MERLA-45256-ET | 840003124683745 | | C | | | | |
| RUANN TANGO MERLA-45293-ET | 840003124683782 | | | | | | |
| RUANN TANGO MERLA-45309-ET | 840003124683798 | | | | | | |
| RUANN TANGO MERLA-45311-ET | 840003124683800 | | | | | | |
| RUANN TANGO MERLA-45375-ET | 840003124683864 | | | | | | |
| RUANN TANGO POSCH-40723-ET | 840003014226860 | | | | | | |
| RUANN TANGO POSCH-40829 | 840003014226966 | | | | | | |
| RUANN TANGO POSCH-44289-ET | 840003124682778 | | C | | | | |
| RUANN TANGO POSCH-45052-ET | 840003124683541 | | C | | | | |
| RUANN TANGO POSCH-45079-ET | 840003124683568 | | | | | | |
| RUANN TANGO POSCH-50144-ET | 840003127758898 | C | | | | | |
| RUANN TANGO POSCH-51862-ET | 840003127267966 | C | | | | | |
| RUANN TARIF MERLA-53674 | 840003130273053 | C | | | | | |
| RUANN TARIFF AMANDA-61670 | 840003133419450 | | | | | | |
| RUANN TARIFF ANDREA-53844 | 840003130273223 | | | | | | |
| RUANN TARIFF AVALA-53630 | 840003130273009 | | | | | | |
| RUANN TARIFF BAMSTAR-55911 | 840003133418691 | | | | | | |
| RUANN TARIFF BAMSTAR-61841 | 840003133419621 | | | | | | |
| RUANN TARIFF BECKY-53258 | 840003127269362 | | | | | | |
| RUANN TARIFF CARRIE-55954 | 840003133418734 | | | | | | |
| RUANN TARIFF CONNIE-54575 | 840003130273954 | | | | | | |
| RUANN TARIFF CORRY-61789 | 840003133419569 | | | | | | |
| RUANN TARIFF DORINDA-53256 | 840003127269360 | | | | | | |
| RUANN TARIFF DORINDA-53471 | 840003127269575 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TARIFF DORINDA-53689 | 840003130273068 | | | | | | |
| RUANN TARIFF ELLIE-53588-TW | 840003130272967 | | | | | | |
| RUANN TARIFF ELLIE-53589-TW | 840003130272968 | | | | | | |
| RUANN TARIFF FRAN-54572 | 840003130273951 | C | | | | | |
| RUANN TARIFF GALA-61746 | 840003133419526 | | | | | | |
| RUANN TARIFF GLORY-54640 | 840003130274019 | | | | | | |
| RUANN TARIFF IRLYNN-54610 | 840003130273989 | | | | | | |
| RUANN TARIFF JOY-53440 | 840003127269544 | | | | | | |
| RUANN TARIFF KARMA-61714 | 840003133419494 | | | | | C | |
| RUANN TARIFF LETIE-53503 | 840003130272882 | | | | | | |
| RUANN TARIFF LUCY-53621 | 840003130273000 | C | | | | | |
| RUANN TARIFF LUCY-61732 | 840003133419512 | | | | | | |
| RUANN TARIFF MAPLE-54125-TW | 840003130273504 | | | | | | |
| RUANN TARIFF MAPLE-54126-TW | 840003130273505 | | | | | | |
| RUANN TARIFF MERLA-50476 | 840003127759230 | | | | | | |
| RUANN TARIFF MERLA-53684 | 840003130273063 | | | | | | |
| RUANN TARIFF MERLA-53774-TW | 840003130273153 | | | | | | |
| RUANN TARIFF MERLA-53775-TW | 840003130273154 | | | | | | |
| RUANN TARIFF MERLA-53881 | 840003130273260 | | | | | | |
| RUANN TARIFF MERLA-54099 | 840003130273478 | | | | | | |
| RUANN TARIFF MERLA-54327 | 840003130273706 | | | | | | |
| RUANN TARIFF POSCH-53892 | 840003130273271 | | | | | | |
| RUANN TARIFF PRINCESS-54303 | 840003130273682 | | | | | | |
| RUANN TARIFF SILVA-53653 | 840003130273032 | | | | | | |
| RUANN TARIFF SIS-53593 | 840003130272972 | | | | | | |
| RUANN TARIFF SKOKIE-61739 | 840003133419519 | | C | | | | |
| RUANN TARIFF TANGIER-53783 | 840003130273162 | | | | | | |
| RUANN TARIFF TAUNA-53905 | 840003130273284 | | | | | | |
| RUANN TARIFF TAUNA-54481 | 840003130273860 | | | | | | |
| RUANN TARIFF TAUNA-61974 | 840003133419754 | | | C | | | |
| RUANN TARIFF TENA-54117 | 840003130273496 | | | | | C | |
| RUANN TARIFF UNA-53376 | 840003127269480 | | | | | | |
| RUANN TAUNA FOBES-85357-TW | USA 66534134 | | | | | | |
| RUANN TAUNA MERLA-85214-TW | USA 66462882 | | | | | | |
| RUANN TAUNA PAIGE-85206 | USA 66462874 | | | | | | |
| RUANN TE CONSTANCE-54442 | 840003130273821 | | | C | | | |
| RUANN TEDDY DELUX-53618-TW | 840003130272997 | | | | | | |
| RUANN TEDDY DELUX-53619-TW | 840003130272998 | | | | | | |
| RUANN TEDDY GLORY-50468 | 840003127759222 | | | | | | |
| RUANN TEDDY MERLA-50446 | 840003127759200 | | | | | | |
| RUANN TEDDY MERLA-51550-ET | 840003127267654 | | | | | | |
| RUANN TEDDY MERLA-51593-ET | 840003127267697 | | | | | | |
| RUANN TEDDY POSCH-50003 | 840003127758757 | C | | | | | |
| RUANN TETRA AILEEN-54198 | 840003130273577 | | | C | | | |
| RUANN TETRA ANDREA-54888 | 840003130274267 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TETRA ANDREA-55288 | 840003130274667 | | | C | | | |
| RUANN TETRA ANDREA-61788 | 840003133419568 | | | | | | |
| RUANN TETRA BAMSTAR-54449 | 840003130273828 | | | | | | |
| RUANN TETRA BECKY-54514 | 840003130273893 | | | C | | | 3 |
| RUANN TETRA BECKY-54866 | 840003130274245 | | | | | | |
| RUANN TETRA BERTHA-62143 | 840003133419923 | | | C | | | |
| RUANN TETRA BESSIE-56403 | 840003133419183 | | | | | | |
| RUANN TETRA BONNIE-56233 | 840003133419013 | | | C | | | |
| RUANN TETRA CHARITY-54928 | 840003130274307 | C | | | | | |
| RUANN TETRA CHARITY-55823 | 840003133418603 | | C | C | | | |
| RUANN TETRA CHARITY-62115 | 840003133419895 | | | | | | |
| RUANN TETRA CHARMER-54901 | 840003130274280 | | | | | | |
| RUANN TETRA COLANTHA-54240 | 840003130273619 | | | | | | |
| RUANN TETRA COMET-56048 | 840003133418828 | | | | | | |
| RUANN TETRA CONSTANCE-62188 | 840003133419968 | | | | | | |
| RUANN TETRA CORRY-55529 | 840003133418309 | | | | | | |
| RUANN TETRA CORRY-62209 | 840003133419989 | | | C | | | |
| RUANN TETRA DELUX-54156 | 840003130273535 | | | C | | | |
| RUANN TETRA DELUX-54331 | 840003130273710 | | | C | | | |
| RUANN TETRA DELUX-54485 | 840003130273864 | | | C | | | |
| RUANN TETRA DELUX-54845 | 840003130274224 | | | | | | |
| RUANN TETRA DELUX-54967 | 840003130274346 | | | | | | |
| RUANN TETRA DELUX-61958 | 840003133419738 | | | | | | |
| RUANN TETRA DORINDA-54517 | 840003130273896 | | | C | | | |
| RUANN TETRA DORINDA-55283 | 840003130274662 | | | | | | |
| RUANN TETRA DORINDA-55854 | 840003133418634 | | | C | | | |
| RUANN TETRA DORINDA-61705 | 840003133419485 | | | | | | |
| RUANN TETRA DREAM-56280 | 840003133419060 | | | | | | |
| RUANN TETRA DREAM-56406 | 840003133419186 | C | | C | | | |
| RUANN TETRA ECHO-54233 | 840003130273612 | C | | C | | | |
| RUANN TETRA ECHO-54709 | 840003130274088 | | | C | | | |
| RUANN TETRA ECHO-55372 | 840003130274751 | | | C | | | |
| RUANN TETRA ELLA-61954 | 840003133419734 | | | C | | | |
| RUANN TETRA EUNICE-62190 | 840003133419970 | | | C | | | |
| RUANN TETRA FOBES-56077 | 840003133418857 | | | C | | | |
| RUANN TETRA FOBES-61762 | 840003133419542 | | | | | | |
| RUANN TETRA FREIDA-61792 | 840003133419572 | | | | | | |
| RUANN TETRA GABBY-61524 | 840003133419304 | C | | C | | | |
| RUANN TETRA GLORY-54689 | 840003130274068 | | | C | | | |
| RUANN TETRA GLORY-55341 | 840003130274720 | | | C | | | |
| RUANN TETRA GLORY-55882 | 840003133418662 | | | | | | |
| RUANN TETRA GLORY-61517 | 840003133419297 | C | | | | | |
| RUANN TETRA GRATEFUL-54229 | 840003130273608 | | | | | | |
| RUANN TETRA GRATEFUL-55881 | 840003133418661 | | | | | C | |
| RUANN TETRA JEAN-61837 | 840003133419617 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TETRA JESSE-56145 | 840003133418925 | | | C | | | |
| RUANN TETRA JESSE-56222 | 840003133419002 | | | C | | | |
| RUANN TETRA JEWELANNE-55814 | 840003133418594 | | | C | | C | |
| RUANN TETRA JEWELANNE-56261 | 840003133419041 | | | | | | |
| RUANN TETRA JOY-54899 | 840003130274278 | | | C | | | |
| RUANN TETRA LANELLE-54721 | 840003130274100 | | | C | | | |
| RUANN TETRA LANELLE-61800 | 840003133419580 | | | | | | |
| RUANN TETRA LASS-54559 | 840003130273938 | | | | | | |
| RUANN TETRA LOLA-54787 | 840003130274166 | | | C | | | |
| RUANN TETRA MARGO-55312 | 840003130274691 | | | C | | | |
| RUANN TETRA MARINA-55689 | 840003133418469 | | | | | | |
| RUANN TETRA MELANIE-54865 | 840003130274244 | | | | | | |
| RUANN TETRA MELANIE-55019 | 840003130274398 | | | C | | | |
| RUANN TETRA MELANIE-61518 | 840003133419298 | | | C | | | |
| RUANN TETRA MERLA-54635 | 840003130274014 | | | | | | |
| RUANN TETRA MERLA-54735 | 840003130274114 | | | C | | | |
| RUANN TETRA MERLA-55205 | 840003130274584 | | | | | | |
| RUANN TETRA MERLA-55799 | 840003133418579 | | | | | | |
| RUANN TETRA MERLA-61561 | 840003133419341 | | | C | | | |
| RUANN TETRA MERLA-61849 | 840003133419629 | | | C | | | |
| RUANN TETRA MOLLY-55453 | 840003130274832 | | | C | | | |
| RUANN TETRA MONA-55140 | 840003130274519 | | | C | | | |
| RUANN TETRA NICOLE-55164 | 840003130274543 | | | C | | | |
| RUANN TETRA NINA-55097 | 840003130274476 | C | | | | | |
| RUANN TETRA NORAIN-55335 | 840003130274714 | | | C | | | |
| RUANN TETRA PAM-54809 | 840003130274188 | | | | | | |
| RUANN TETRA PATIENCE-55812 | 840003133418592 | | | | | | |
| RUANN TETRA PHOEBE-55300 | 840003130274679 | | | C | | | |
| RUANN TETRA POSCH-61563 | 840003133419343 | | | | | | |
| RUANN TETRA POSCH-61821 | 840003133419601 | | | | | | |
| RUANN TETRA ROSALYN-54853 | 840003130274232 | | | | | | |
| RUANN TETRA ROSALYN-54897 | 840003130274276 | | | | | | |
| RUANN TETRA SCARLET-54798 | 840003130274177 | | | C | | | |
| RUANN TETRA SKYLARK-55625 | 840003133418405 | | | | | | |
| RUANN TETRA SUE-55886 | 840003133418666 | | | | | | |
| RUANN TETRA SUGAR-54604-TW | 840003130273983 | | | | | | |
| RUANN TETRA TAMMY-55457 | 840003130274836 | | | | | | |
| RUANN TETRA TAUNA-55235 | 840003130274614 | | | C | | | |
| RUANN TETRA TAUNA-61742 | 840003133419522 | | | C | | | |
| RUANN TETRA TRIBAL-55381 | 840003130274760 | | | C | | | |
| RUANN TETRA TRITOMIA-56217 | 840003133418997 | | | | | | |
| RUANN TETRA VOLSTAR-62221 | 840003133420001 | | | | | | |
| RUANN TETRA WHIM-62045 | 840003133419825 | | | C | | | |
| RUANN TETRA WHIM-62164-TW | 840003133419944 | | | | | | |
| RUANN TETRA WHIM-62165-TW | 840003133419945 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THNDER PRINCESS-53862 | 840003130273241 | | | | | | |
| RUANN THNDER PRINCESS-53868 | 840003130273247 | | | | | | |
| RUANN THNDR DEMAND-54157-TW | 840003130273536 | | | | | | |
| RUANN THNDR DEMAND-54158-TW | 840003130273537 | | | | | | |
| RUANN THNDR EMBREE-54620-TW | 840003130273999 | | | | | | |
| RUANN THNDR EMBREE-54621-TW | 840003130274000 | | | | | | |
| RUANN THRON AILEEN-43453-ET | USA 61985722 | C | | | | | |
| RUANN THRU JUSTICE-36345-TW | 840003013920508 | | | | | | |
| RUANN THRU JUSTICE-36348-TW | 840003013920511 | | | | | | |
| RUANN THRU TRIGGER-36034 | 840003013920197 | C | | | | | |
| RUANN THRU TRITOMIA-42896 | 840003013922959 | | | | | | |
| RUANN THRUS CONSTANCE-43363 | 840003013923426 | | | | | | |
| RUANN THRUS CONSTANCE-43488 | 840003013923551 | | | | | | |
| RUANN THRUS DELORE-36423-TW | 840003013920586 | | | | | | |
| RUANN THRUS DELORE-36424-TW | 840003013920587 | | | | | | |
| RUANN THRUST ADELA-42643-TW | 840003013922706 | | | | | | |
| RUANN THRUST ADELA-42644-TW | 840003013922707 | | | | | | |
| RUANN THRUST ANDREA-43347 | 840003013923410 | | | | | | |
| RUANN THRUST ANDREA-43788 | 840003124682277 | | | | | | |
| RUANN THRUST ANNA-36462 | 840003013920625 | | | | | | |
| RUANN THRUST ANNA-40509 | 840003014226646 | C | | | | C | |
| RUANN THRUST ANNA-42652 | 840003013922715 | | | | | | |
| RUANN THRUST ANNA-42756 | 840003013922819 | | | | | | |
| RUANN THRUST ANNA-43305 | 840003013923368 | | | | | | |
| RUANN THRUST AVALON-42641 | 840003013922704 | | | | | | |
| RUANN THRUST BECKY-36001 | 840003013920164 | | | | | | |
| RUANN THRUST BESSIE-40324 | 840003014226461 | | | | | | |
| RUANN THRUST BESSIE-40412 | 840003014226549 | | | | | | |
| RUANN THRUST BESSIE-43229 | 840003013923292 | | | | | | |
| RUANN THRUST BESSY-40223 | 840003014226360 | | | | | | |
| RUANN THRUST BESSY-42488 | 840003013922551 | | | | | | |
| RUANN THRUST BETHANA-42373 | 840003013922436 | | | | | | |
| RUANN THRUST BONNIE-31144 | 840003011580432 | | | | | | |
| RUANN THRUST BONNIE-36155 | 840003013920318 | | | | | | |
| RUANN THRUST BONNIE-41054 | 840003014227191 | | | | | | |
| RUANN THRUST CALICO-43265 | 840003013923328 | | | | | | |
| RUANN THRUST COMET-42349 | 840003013922412 | | | | | | |
| RUANN THRUST CORRY-43021 | 840003013923084 | | | | | | |
| RUANN THRUST DANCER-43075 | 840003013923138 | C | | | | | |
| RUANN THRUST DELUX-40200 | 840003014226337 | | | | | | |
| RUANN THRUST DORINDA-36176 | 840003013920339 | | | | | | |
| RUANN THRUST DORINDA-42958 | 840003013923021 | | | | | | |
| RUANN THRUST DORINDA-44487 | 840003124682976 | | | | | | |
| RUANN THRUST DORINDA-44687 | 840003124683176 | | | | | | |
| RUANN THRUST DREAM-42722 | 840003013922785 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THRUST EARIE-44410-TW | 840003124682899 | C | | | | | |
| RUANN THRUST ECHO-31265 | 840003011580553 | | | | | | |
| RUANN THRUST ECHO-36002 | 840003013920165 | | | | | | |
| RUANN THRUST ECHO-41232 | 840003014227369 | | | | | C | |
| RUANN THRUST ELLA-40091 | 840003014226228 | | | | | | |
| RUANN THRUST ELLEN-42253-TW | 840003013922316 | | | | | | |
| RUANN THRUST ELLEN-42254-TW | 840003013922317 | | | | | | |
| RUANN THRUST ELLEN-42262-TW | 840003013922325 | C | | | | | |
| RUANN THRUST ELLEN-42263-TW | 840003013922326 | C | | | | | |
| RUANN THRUST ELLIE-43584 | 840003124682073 | | | | | | |
| RUANN THRUST ELSIE-44788 | 840003124683277 | | | | | | |
| RUANN THRUST EVELYN-43882 | 840003124682371 | | | | | | |
| RUANN THRUST FLOWER-43138 | 840003013923201 | | | | | | |
| RUANN THRUST FOBES-42387 | 840003013922450 | | | | | | |
| RUANN THRUST FOBES-42777 | 840003013922840 | | | | | | |
| RUANN THRUST FRAN-44438 | 840003124682927 | C | | | | | |
| RUANN THRUST GLORY-31073 | 840003011580361 | | | | | | |
| RUANN THRUST GLORY-31151 | 840003011580439 | | | | | | 1 |
| RUANN THRUST GLORY-31154 | 840003011580442 | | | | | | |
| RUANN THRUST GLORY-40395 | 840003014226532 | | | | | | |
| RUANN THRUST GLORY-42329 | 840003013922392 | | | | | | |
| RUANN THRUST GLORY-42659 | 840003013922722 | | | | | | |
| RUANN THRUST GLORY-43083 | 840003013923146 | | | | | | |
| RUANN THRUST GLORY-43884 | 840003124682373 | | | | | | |
| RUANN THRUST GLORY-50030 | 840003127758784 | | | | | | |
| RUANN THRUST GLORY-50040 | 840003127758794 | | | | | | |
| RUANN THRUST GRACEY-43934 | 840003124682423 | | | | | | |
| RUANN THRUST GRATEFUL-40072 | 840003014226209 | | | | | | |
| RUANN THRUST HELEN-42923 | 840003013922986 | | | | | | |
| RUANN THRUST HELEN-50373 | 840003127759127 | | | | | | |
| RUANN THRUST HOPE-40136 | 840003014226273 | | | | | C | |
| RUANN THRUST IRISH-42754 | 840003013922817 | | C | | | | |
| RUANN THRUST IVY-42554 | 840003013922617 | C | | | | | |
| RUANN THRUST JEAN-42632 | 840003013922695 | | | | | | |
| RUANN THRUST JENEVA-43463 | 840003013923526 | | | | | | |
| RUANN THRUST JESSE-31224 | 840003011580512 | | | | | | |
| RUANN THRUST JO-43816 | 840003124682305 | | | | | | |
| RUANN THRUST JOAN-36465 | 840003013920628 | | | | | | |
| RUANN THRUST KATHY-40542 | 840003014226679 | | | | | | |
| RUANN THRUST KAY-42411 | 840003013922474 | | | | | | |
| RUANN THRUST KIDDY-40974 | 840003014227111 | | | | | | |
| RUANN THRUST KIMGPIN-40415 | 840003014226552 | | | | | | |
| RUANN THRUST KINGPIN-31138 | 840003011580426 | | | | | | |
| RUANN THRUST KINGPIN-31294 | 840003011580582 | C | | | | | |
| RUANN THRUST LAIRD-42633 | 840003013922696 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THRUST LANCELOT-36185 | 840003013920348 | | | | | | |
| RUANN THRUST LANELLE-36177 | 840003013920340 | | | C | | | |
| RUANN THRUST LOLA-40371 | 840003014226508 | | C | | | | |
| RUANN THRUST LOLA-42348 | 840003013922411 | | | | | | |
| RUANN THRUST MAGIC-44073 | 840003124682562 | | | | | | |
| RUANN THRUST MARY-36398 | 840003013920561 | | | | | | |
| RUANN THRUST MAURA-42850 | 840003013922913 | | | | | | |
| RUANN THRUST MAY-42246 | 840003013922309 | | | | | | |
| RUANN THRUST MELANIE-42606 | 840003013922669 | | | | | | |
| RUANN THRUST MELODY-36484 | 840003013920647 | | | | | | |
| RUANN THRUST MERLA-31002 | 840003011580290 | | | | | | |
| RUANN THRUST MERLA-42210 | 840003013922273 | | | | | | |
| RUANN THRUST MERLA-42676 | 840003013922739 | | | | | | |
| RUANN THRUST MERLA-42705 | 840003013922768 | | | | | | |
| RUANN THRUST MERLA-43296 | 840003013923359 | | | | | | |
| RUANN THRUST MOLLY-42423 | 840003013922486 | | | | | | |
| RUANN THRUST NORAIN-42638 | 840003013922701 | | | | | | |
| RUANN THRUST PANDORA-36272 | 840003013920435 | | | | | | |
| RUANN THRUST PANSY-42717 | 840003013922780 | | | | | | |
| RUANN THRUST PATCHES-42550 | 840003013922613 | | | | | | |
| RUANN THRUST PATSEY-42386 | 840003013922449 | | | | | | |
| RUANN THRUST PEGGY-42379 | 840003013922442 | | | | | | |
| RUANN THRUST PELLAR-43538 | 840003124682027 | | | | | | |
| RUANN THRUST PEPSI-42382-TW | 840003013922445 | | | | | | |
| RUANN THRUST PEPSI-42383-TW | 840003013922446 | | | | | | |
| RUANN THRUST PHOEBE-42702 | 840003013922765 | | | | | | |
| RUANN THRUST POSCH-44652 | 840003124683141 | | | | | | |
| RUANN THRUST PRINCESS-43194 | 840003013923257 | | | | | | |
| RUANN THRUST RAINBOW-42450 | 840003013922513 | C | | | | | |
| RUANN THRUST REBA-36270 | 840003013920433 | | | | | | |
| RUANN THRUST SACHSE-42934 | 840003013922997 | | | | | | |
| RUANN THRUST SACHSE-44198 | 840003124682687 | | | | | | |
| RUANN THRUST SCARLET-43703 | 840003124682192 | | | | | | |
| RUANN THRUST SEARLE-43423 | 840003013923486 | | | | | | |
| RUANN THRUST SEMOLIE-43314 | 840003013923377 | | | | | | |
| RUANN THRUST SILVA-43049 | 840003013923112 | | | | | | |
| RUANN THRUST SUGAR-42056 | 840003013922119 | | | | | | |
| RUANN THRUST SUGAR-43358 | 840003013923421 | | | | | | |
| RUANN THRUST TAMMY-36367 | 840003013920530 | | | | | | |
| RUANN THRUST TAUNA-40209 | 840003014226346 | | | | | | |
| RUANN THRUST TAUNA-40224 | 840003014226361 | | | | | | |
| RUANN THRUST TAUNA-40230 | 840003014226367 | | | | | | |
| RUANN THRUST TAUNA-40344 | 840003014226481 | | | | | | |
| RUANN THRUST TAUNA-40367 | 840003014226504 | | | | | | |
| RUANN THRUST TAUNA-42415 | 840003013922478 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THRUST TAUNA-42462 | 840003013922525 | | | | | | |
| RUANN THRUST TAUNA-42547 | 840003013922610 | | | | | | |
| RUANN THRUST TAUNA-42603 | 840003013922666 | | | | | | |
| RUANN THRUST TAUNA-42616 | 840003013922679 | | | | | | |
| RUANN THRUST TAUNA-43461 | 840003013923524 | | | | | | |
| RUANN THRUST TAUNA-43570 | 840003124682059 | | | | | | |
| RUANN THRUST TRINKET-31272 | 840003011580560 | | | C | | | |
| RUANN THRUST TRINKET-42381 | 840003013922444 | | | | | | |
| RUANN THRUST VALERIE-42275 | 840003013922338 | | | | | | |
| RUANN THRUST VODKA-36070 | 840003013920233 | | | C | | | |
| RUANN THRUST WENONA-42617 | 840003013922680 | C | | | | | |
| RUANN THUN CONSTANCE-52720 | 840003127268824 | | | | | | |
| RUANN THUN PATCHES-53648-TW | 840003130273027 | | | | | | |
| RUANN THUN PATCHES-53649-TW | 840003130273028 | | | | | | |
| RUANN THUND ANDREA-53591-TW | 840003130272970 | | | | | | |
| RUANN THUND ANDREA-53592-TW | 840003130272971 | | | | | | |
| RUANN THUND CONSTANCE-52810 | 840003127268914 | | | | | | |
| RUANN THUND JEWELANNE-52896 | 840003127269000 | | | | | | |
| RUANN THUND TRITOMIA-53315 | 840003127269419 | | | | | | |
| RUANN THUNDER AGNUS-51637 | 840003127267741 | C | | | | | |
| RUANN THUNDER ANDREA-51941 | 840003127268045 | | | | | | |
| RUANN THUNDER ANNA-50399 | 840003127759153 | | | | | | |
| RUANN THUNDER BAMSTAR-51674 | 840003127267778 | | | | | | 1 |
| RUANN THUNDER BESSY-53822 | 840003130273201 | | | | | | |
| RUANN THUNDER BONNIE-51639 | 840003127267743 | | | | | | |
| RUANN THUNDER CARMA-52694 | 840003127268798 | | | | | | |
| RUANN THUNDER CHARITY-52405 | 840003127268509 | | | | | | 1 |
| RUANN THUNDER CHARMER-51950 | 840003127268054 | | | C | | | |
| RUANN THUNDER DELUX-50943 | 840003127759697 | | | | | | |
| RUANN THUNDER DELUX-51109 | 840003127759863 | | | | | | |
| RUANN THUNDER DELUX-52224 | 840003127268328 | | | | | | |
| RUANN THUNDER DELUX-53353 | 840003127269457 | | | | | | |
| RUANN THUNDER DORINDA-53605 | 840003130272984 | | | | | | |
| RUANN THUNDER DORINDA-53792 | 840003130273171 | | | | | | |
| RUANN THUNDER DORINDA-54148 | 840003130273527 | | | | | | |
| RUANN THUNDER ECHO-52436 | 840003127268540 | | | | | | |
| RUANN THUNDER ELEORA-54677 | 840003130274056 | C | | | | | |
| RUANN THUNDER ELLA-51727 | 840003127267831 | | | | | | |
| RUANN THUNDER ELLA-53549 | 840003130272928 | | | | | | |
| RUANN THUNDER ELLEN-53669 | 840003130273048 | | | | | | |
| RUANN THUNDER ELLIE-52967 | 840003127269071 | | | | | | |
| RUANN THUNDER ELLIE-54094 | 840003130273473 | | | | | | |
| RUANN THUNDER ENID-50221 | 840003127758975 | | | | | | |
| RUANN THUNDER ENID-51903 | 840003127268007 | | | | | | |
| RUANN THUNDER GLORY-51921 | 840003127268025 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THUNDER GLORY-51987 | 840003127268091 | | | | | | |
| RUANN THUNDER GLORY-52263 | 840003127268367 | | | | | | |
| RUANN THUNDER GLORY-52269 | 840003127268373 | | | | | | |
| RUANN THUNDER GLORY-52695 | 840003127268799 | | | | | | |
| RUANN THUNDER GLORY-52957 | 840003127269061 | | | | | | |
| RUANN THUNDER GLORY-53183 | 840003127269287 | | | | | | |
| RUANN THUNDER GLORY-53472 | 840003127269576 | | | | | | |
| RUANN THUNDER HANNAH-52964 | 840003127269068 | | | | | | |
| RUANN THUNDER JANELL-51725 | 840003127267829 | | | | | | |
| RUANN THUNDER JEAN-53602 | 840003130272981 | | | | | | |
| RUANN THUNDER JESSE-51580 | 840003127267684 | | | | | | |
| RUANN THUNDER JESSE-54002 | 840003130273381 | | | | | | |
| RUANN THUNDER KIDD-53566 | 840003130272945 | | | | | | |
| RUANN THUNDER KRISTA-52245 | 840003127268349 | | | | | | |
| RUANN THUNDER LOLA-52338 | 840003127268442 | | | | | | |
| RUANN THUNDER LORENA-53910 | 840003130273289 | | | | | | |
| RUANN THUNDER LOUISE-51832 | 840003127267936 | | | | | | |
| RUANN THUNDER LOVENA-53665 | 840003130273044 | | | | | | |
| RUANN THUNDER LUCY-53346 | 840003127269450 | | | | | | |
| RUANN THUNDER LUCY-53493 | 840003127269597 | | | | | | |
| RUANN THUNDER MAGIC-51838 | 840003127267942 | | | | | | |
| RUANN THUNDER MARTHA-53009 | 840003127269113 | | | | | | |
| RUANN THUNDER MAXINE-52477 | 840003127268581 | | | | | | |
| RUANN THUNDER MAY-54080 | 840003130273459 | | | | | | |
| RUANN THUNDER MERLA-50962 | 840003127759716 | | | | | | |
| RUANN THUNDER MERLA-52202 | 840003127268306 | | | | | | |
| RUANN THUNDER MERLA-52282 | 840003127268386 | | | | | | |
| RUANN THUNDER MERLA-53747 | 840003130273126 | | | | | | |
| RUANN THUNDER MESA-53713 | 840003130273092 | | | | | | |
| RUANN THUNDER MIKA-51524 | 840003127267628 | | | | | | |
| RUANN THUNDER MOLLY-51563 | 840003127267667 | | | | | | |
| RUANN THUNDER MONICA-53144 | 840003127269248 | | | | | | |
| RUANN THUNDER MUTUAL-53858 | 840003130273237 | | | | | | |
| RUANN THUNDER MYRT-53170 | 840003127269274 | | | | | | |
| RUANN THUNDER NICOLE-51690 | 840003127267794 | | | | | | |
| RUANN THUNDER NORAIN-52340 | 840003127268444 | | | | | | |
| RUANN THUNDER NORAIN-53318 | 840003127269422 | | | | | | |
| RUANN THUNDER PAIGE-52451 | 840003127268555 | | | | | | |
| RUANN THUNDER PAULA-52388 | 840003127268492 | | | | | | |
| RUANN THUNDER RAINBOW-52511 | 840003127268615 | C | | | | | |
| RUANN THUNDER ROSALYN-51774 | 840003127267878 | | | | | | |
| RUANN THUNDER RUBIE-52366 | 840003127268470 | | | | | | |
| RUANN THUNDER SACHSE-53284 | 840003127269388 | | | | | | |
| RUANN THUNDER SACHSE-53554 | 840003130272933 | | | | | | |
| RUANN THUNDER SCARLET-51661 | 840003127267765 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN THUNDER SEMOLIE-53539 | 840003130272918 | | | | | | |
| RUANN THUNDER SPARKLE-53095 | 840003127269199 | | | | | | |
| RUANN THUNDER SUE-53288 | 840003127269392 | | | | | | |
| RUANN THUNDER TAUNA-50266 | 840003127759020 | | | | | | |
| RUANN THUNDER TAUNA-51852 | 840003127267956 | | | | | | |
| RUANN THUNDER TAUNA-51951 | 840003127268055 | | | | | | |
| RUANN THUNDER TAUNA-54000 | 840003130273379 | | | C | | | |
| RUANN THUNDER TESS-53184 | 840003127269288 | | | | | | |
| RUANN THUNDER TIPPY-53564 | 840003130272943 | | | | | | |
| RUANN THUNDER TRIGGER-52392 | 840003127268496 | | | | | | |
| RUANN THUNDER TRINKET-50107 | 840003127758861 | | | | | | |
| RUANN THUNDER TRUDY-54321 | 840003130273700 | | | | | | |
| RUANN THUNDER VELOUR-51909 | 840003127268013 | | | | | | |
| RUANN THUNDER VODKA-56135 | 840003133418915 | | | | | | |
| RUANN THUNDR ANGELINA-51668 | 840003127267772 | | | | | | |
| RUANN THUNDR COLANTHA-52052 | 840003127268156 | | | | | | |
| RUANN THUNDR GLORY-51711-TW | 840003127267815 | | | | | | |
| RUANN THUNDR GLORY-51712-TW | 840003127267816 | | | | | | |
| RUANN THUNDR HANDMAID-53804 | 840003130273183 | | | | | | |
| RUANN THUNDR JESSE-54153-TW | 840003130273532 | | | | | | |
| RUANN THUNDR JESSE-54154-TW | 840003130273533 | | | | | | |
| RUANN THUNDR MOLLY-54659-TW | 840003130274038 | | | | | | |
| RUANN THUNDR MOLLY-54660-TW | 840003130274039 | | | | | | |
| RUANN THUNDR RUSSMATT-53779 | 840003130273158 | | | | | | |
| RUANN TITAN BEATRICE-40798 | USA 61991483 | | | | | | |
| RUANN TITANIC ECHO-52603-ET | USA 62418614 | | | | | | |
| RUANN TOI DORINDA-33167-ET | 840003011524135 | | | | | | |
| RUANN TOPS DORINDA-53944-ET | 840003130273323 | | | | | | |
| RUANN TOPS DORINDA-53989-ET | 840003130273368 | | | | | | |
| RUANN TOPS DORINDA-53993-ET | 840003130273372 | | | | | | |
| RUANN TOPS GLORY-33296-ET | 840003011524264 | | | | | | |
| RUANN TOPSI DREAM-35437-ET | 840003012220085 | | | | | | |
| RUANN TOPSI DREAM-35466-ET | 840003012220114 | | | | | | |
| RUANN TOPSI DREAM-35490-ET | 840003012220138 | | | | | | |
| RUANN TOPSI GLORY-35048-ET | 840003012219696 | | | | | | |
| RUANN TOPSI GLORY-35070-ET | 840003012219718 | | | | | | |
| RUANN TOPSI GLORY-35082-ET | 840003012219730 | | | | | | |
| RUANN TOPSI GLORY-35096-ET | 840003012219744 | | | | | | |
| RUANN TOPSI GLORY-35143-ET | 840003012219791 | | | | | | |
| RUANN TOPSI MERLA-45827-ET | 840003126825188 | | | | | | |
| RUANN TOPSI MERLA-45852-ET | 840003126825213 | | | | | | |
| RUANN TOPSI MERLA-51562-ET | 840003127267666 | | | | | | |
| RUANN TOPSI MERLA-51615-ET | 840003127267719 | | | | | | |
| RUANN TOPSI MERLA-51619-ET | 840003127267723 | | | | | | |
| RUANN TOPSI MERLA-51642-ET | 840003127267746 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TOPSI PEGGY-32762-ET | 840003011523730 | | | | | | |
| RUANN TOPSIDE ALLI-36008-ET | 840003013920171 | | | | | | |
| RUANN TPSIDE MERLA-30745-ET | 840003011580033 | | | | | | |
| RUANN TRAIT ALICE-85563 | USA 66534299 | | | | | | |
| RUANN TRAIT ANDREA-35330 | 840003012219978 | | | | | | |
| RUANN TRAIT ANN-35172 | 840003012219820 | | | | | | |
| RUANN TRAIT ANNA-91911 | 840003005122879 | | | | | | |
| RUANN TRAIT COMET-85737 | USA 66609995 | | | | | | |
| RUANN TRAIT ECHO-91958 | 840003005122926 | | | C | | | |
| RUANN TRAIT ENID-35182 | 840003012219830 | | | | | | |
| RUANN TRAIT FRAN-85433 | USA 66534197 | | | | | | |
| RUANN TRAIT GABBY-35356 | 840003012220004 | C | | | | | |
| RUANN TRAIT GLORY-35242 | 840003012219890 | | | | | | |
| RUANN TRAIT GLORY-86033 | USA 66833625 | | | | | | |
| RUANN TRAIT GLORY-91961 | 840003005122929 | | | | | | |
| RUANN TRAIT IMARA-35276 | 840003012219924 | | | | | | |
| RUANN TRAIT IRENE-85960 | USA 66833569 | | | | | | |
| RUANN TRAIT JANET-35360 | 840003012220008 | | | | | | |
| RUANN TRAIT JEAN-91527 | 840003005122495 | | | | | | |
| RUANN TRAIT JESSE-92134 | 840003005123102 | | | | | | |
| RUANN TRAIT JOLIET-93293 | 840003005124261 | | | | | | |
| RUANN TRAIT KIDD-35475 | 840003012220123 | C | | | | | |
| RUANN TRAIT KIDD-85436 | USA 66534198 | | | | | | |
| RUANN TRAIT KIDD-91511 | 840003005122479 | | | | | | |
| RUANN TRAIT LUSTY-92132 | 840003005123100 | | | | | | |
| RUANN TRAIT MELANIE-91658 | 840003005122626 | | | | | | |
| RUANN TRAIT MERLA-35374 | 840003012220022 | | | | | | |
| RUANN TRAIT RENITA-35133 | 840003012219781 | | | | | | |
| RUANN TRAIT SANDY-35549 | 840003012220197 | | | | | | |
| RUANN TRAIT SHERRI-35562 | 840003012220210 | | | | | | |
| RUANN TRAIT TESLA-35368 | 840003012220016 | | | C | | | |
| RUANN TRAIT TESS-35163 | 840003012219811 | | | | | | |
| RUANN TRAIT TRIXY-85702 | USA 66562158 | | | | | | |
| RUANN TRAIT YVETTE-91557 | 840003005122525 | | | | | | |
| RUANN TRAIT-91611 | 840003005122579 | | | | | | |
| RUANN TRAITE GLORY-35055 | 840003012219703 | | | | | | |
| RUANN TRAITE LASS-35094 | 840003012219742 | | | | | | |
| RUANN TRAT MELANIE-35348-TW | 840003012219996 | | | | | | |
| RUANN TRAT MELANIE-35349-TW | 840003012219997 | | | | | | |
| RUANN TRI BAMSTAR-46133-TW | 840003126825494 | | | | | | |
| RUANN TRI BAMSTAR-46134-TW | 840003126825495 | | | | | | |
| RUANN TRIBAL-84299-RED-TW | USA 66171836 | | | | | | |
| RUANN TRIGGER-43830-RED-ET | 840003124682319 | | | | | | |
| RUANN TRIGGER-91790-RED-ET | 840003005122758 | | | | | | |
| RUANN TRIGGER-91796-RED-ET | 840003005122764 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TRINKET-40251-ET | 840003014226388 | | | | | | 1 |
| RUANN TRITE ANN-92531 | 840003005123499 | | | | | | |
| RUANN TRITE BEAUTY-85262 | USA 66462919 | C | | | | | |
| RUANN TRITE BETTY-92046 | 840003005123014 | | | | | | |
| RUANN TRITE BLISS-85385 | USA 66534160 | | | | | | |
| RUANN TRITE GLORY-91861 | 840003005122829 | | | | | | |
| RUANN TRITE IRISH-85202 | USA 66462871 | | | | | | |
| RUANN TRITE IVY-92598 | 840003005123566 | | | | | | |
| RUANN TRITE LIZA-91704 | 840003005122672 | | | | | | |
| RUANN TRITE MERLA-91726 | 840003005122694 | | | | | | |
| RUANN TRITE MERLA-92657 | 840003005123625 | | | | | | |
| RUANN TRITE PAULINE-91694 | 840003005122662 | | | | | | |
| RUANN TRITE QUINCY-92367 | 840003005123335 | | | | | | |
| RUANN TRITE ROBBIE-85800 | USA 66610044 | | | | | | |
| RUANN TRITE TRIGGER-85556 | USA 66534293 | | | | | | |
| RUANN TRITE-92315 | 840003005123283 | | | C | | | 1 |
| RUANN TRITE-92503 | 840003005123471 | | | | | | |
| RUANN TRIVI CONSTANCE-55396 | 840003130274775 | | | | | | |
| RUANN TRIVIA ANDREA-45969 | 840003126825330 | | | | | | |
| RUANN TRIVIA ANDREA-51846 | 840003127267950 | | | | | | |
| RUANN TRIVIA ANDREA-52362 | 840003127268466 | | | | | | |
| RUANN TRIVIA ANGELINA-51692 | 840003127267796 | | | | | | |
| RUANN TRIVIA ANGELINA-55865 | 840003133418645 | | | | | | 3 |
| RUANN TRIVIA ANNA-46411 | 840003126825772 | | | | | | |
| RUANN TRIVIA ANNA-55637 | 840003133418417 | | | | | | |
| RUANN TRIVIA ANNA-56322 | 840003133419102 | | | | | | |
| RUANN TRIVIA ANNABEL-51551 | 840003127267655 | | | | | | |
| RUANN TRIVIA AUTUMN-51979 | 840003127268083 | C | | | | | |
| RUANN TRIVIA BAMSTAR-56303 | 840003133419083 | C | | | | | |
| RUANN TRIVIA BAMSTAR-61816 | 840003133419596 | | | | | | |
| RUANN TRIVIA BECKY-61804 | 840003133419584 | | | | | | |
| RUANN TRIVIA BELLA-61948 | 840003133419728 | | | | | | 1 |
| RUANN TRIVIA BERTA-46243 | 840003126825604 | | | | | | |
| RUANN TRIVIA BESSIE-52736 | 840003127268840 | | | | | | |
| RUANN TRIVIA BONNIE-51552 | 840003127267656 | | | | | | |
| RUANN TRIVIA BONNIE-53036 | 840003127269140 | | | | | | |
| RUANN TRIVIA CELIA-46104 | 840003126825465 | | | | | | |
| RUANN TRIVIA COMET-52300 | 840003127268404 | | | | | | |
| RUANN TRIVIA DAZZLE-46447 | 840003126825808 | | | | | | |
| RUANN TRIVIA DELUX-51952 | 840003127268056 | | | | | | |
| RUANN TRIVIA DELUX-52118 | 840003127268222 | | | | | | |
| RUANN TRIVIA DEMAND-46190 | 840003126825551 | | | | | | |
| RUANN TRIVIA DORINDA-51575 | 840003127267679 | C | | | | | |
| RUANN TRIVIA DORINDA-51577 | 840003127267681 | | | | | | |
| RUANN TRIVIA DORINDA-55953 | 840003133418733 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TRIVIA DUCHESS-46061 | 840003126825422 | | | | | | |
| RUANN TRIVIA ECHO-46241 | 840003126825602 | | | | | | |
| RUANN TRIVIA ECHO-51560 | 840003127267664 | | | | | | |
| RUANN TRIVIA ECHO-61969 | 840003133419749 | | | | | | |
| RUANN TRIVIA ELA-46425 | 840003126825786 | | | | | | |
| RUANN TRIVIA ELLA-55120 | 840003130274499 | | | | | | |
| RUANN TRIVIA ELLIE-46188-TW | 840003126825549 | | | | | | |
| RUANN TRIVIA ELLIE-46189-TW | 840003126825550 | | | | | | |
| RUANN TRIVIA ELLIE-61669 | 840003133419449 | | | | | | |
| RUANN TRIVIA EMBER-52294 | 840003127268398 | | | | | | |
| RUANN TRIVIA GAL-55214 | 840003130274593 | | | | | | |
| RUANN TRIVIA GLORY-45581 | 840003126824942 | | | | | | |
| RUANN TRIVIA GLORY-52246 | 840003127268350 | | | | | | |
| RUANN TRIVIA GLORY-52409 | 840003127268513 | | | | | | |
| RUANN TRIVIA GLORY-52514 | 840003127268618 | C | | | | | |
| RUANN TRIVIA GLORY-61836 | 840003133419616 | | | | | | |
| RUANN TRIVIA GRATEFUL-46317 | 840003126825678 | | | | | | |
| RUANN TRIVIA GRATEFUL-55749 | 840003133418529 | | | | | | |
| RUANN TRIVIA IRISH-52690 | 840003127268794 | | | | | | |
| RUANN TRIVIA JEAN-45707 | 840003126825068 | | | | | | |
| RUANN TRIVIA JEAN-51747 | 840003127267851 | | | | | | |
| RUANN TRIVIA JEAN-55620 | 840003133418400 | C | | | | | |
| RUANN TRIVIA JEAN-55813 | 840003133418593 | | | | | | |
| RUANN TRIVIA JOAN-46401 | 840003126825762 | | | | | | 1 |
| RUANN TRIVIA KIDD-46322 | 840003126825683 | | | | | | |
| RUANN TRIVIA KINGPIN-51594 | 840003127267698 | | | | | | |
| RUANN TRIVIA LIZZY-54961 | 840003130274340 | | | | | | |
| RUANN TRIVIA LORENA-55473 | 840003130274852 | | | | | | |
| RUANN TRIVIA MAIDEN-46289 | 840003126825650 | | | | | | |
| RUANN TRIVIA MATA-51513 | 840003127267617 | | | | | | |
| RUANN TRIVIA MAY-52449 | 840003127268553 | | | | | | |
| RUANN TRIVIA MELANIE-45833 | 840003126825194 | | | | | | |
| RUANN TRIVIA MERLA-46065 | 840003126825426 | | | | | | |
| RUANN TRIVIA MERLA-46117-TW | 840003126825478 | | | | | | |
| RUANN TRIVIA MERLA-46118-TW | 840003126825479 | C | | | | | |
| RUANN TRIVIA MERLA-46366 | 840003126825727 | | | | | | |
| RUANN TRIVIA MERLA-51531 | 840003127267635 | | | | | | |
| RUANN TRIVIA MERLA-53128 | 840003127269232 | | | | | | |
| RUANN TRIVIA MERLA-56038 | 840003133418818 | | | | | | |
| RUANN TRIVIA MERLA-56109 | 840003133418889 | | | | | | |
| RUANN TRIVIA MISTER-52513 | 840003127268617 | | | | | | |
| RUANN TRIVIA NORAIN-54161 | 840003130273540 | | | | | | |
| RUANN TRIVIA NORAIN-56030 | 840003133418810 | | | | | | |
| RUANN TRIVIA PAM-45891 | 840003126825252 | | | | | | |
| RUANN TRIVIA PAM-55137 | 840003130274516 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TRIVIA PANDORA-52281 | 840003127268385 | | | | | | |
| RUANN TRIVIA PAULETTE-53501 | 840003130272880 | | | | | | |
| RUANN TRIVIA RETA-52050 | 840003127268154 | | | | | C | |
| RUANN TRIVIA ROSA-46340 | 840003126825701 | | | | | | |
| RUANN TRIVIA ROSE-46271 | 840003126825632 | | | | | | |
| RUANN TRIVIA ROXY-61986 | 840003133419766 | | | | | | |
| RUANN TRIVIA SANDY-52496 | 840003127268600 | | | | | | |
| RUANN TRIVIA STAR-46280 | 840003126825641 | | | | | | |
| RUANN TRIVIA STAR-54977 | 840003130274356 | | | | | | |
| RUANN TRIVIA SUGAR-61737 | 840003133419517 | | | | | | |
| RUANN TRIVIA TAMMY-46306 | 840003126825667 | | | | | | |
| RUANN TRIVIA TAUNA-45902 | 840003126825263 | | | | | | |
| RUANN TRIVIA TAUNA-46418-TW | 840003126825779 | | | | | | |
| RUANN TRIVIA TAUNA-46419-TW | 840003126825780 | | | | | | |
| RUANN TRIVIA TAUNA-52258 | 840003127268362 | | | | | | |
| RUANN TRIVIA TAUNA-52472 | 840003127268576 | | | | | | |
| RUANN TRIVIA TAUNA-55189 | 840003130274568 | | | | | | |
| RUANN TRIVIA TESS-45760 | 840003126825121 | | | | | | |
| RUANN TRIVIA TIANA-51899 | 840003127268003 | | | | | | |
| RUANN TRIVIA TRIGGER-52401 | 840003127268505 | | | | | | |
| RUANN TRIVIA TRINKET-52280 | 840003127268384 | | | | | | |
| RUANN TRIVIA VIOLET-46267 | 840003126825628 | | | | | | |
| RUANN TRIVIA VOLSTAR-46290 | 840003126825651 | | | | | | |
| RUANN TRIVIA ZENA-51574 | 840003127267678 | | | | | | |
| RUANN TROG CONSTANCE-55096 | 840003130274475 | | | | | | |
| RUANN TROGN JEWELANNE-54974 | 840003130274353 | | | C | | | |
| RUANN TROGY CONSTANCE-55645 | 840003133418425 | | | C | | | |
| RUANN TROGYN ABAGAIL-54922 | 840003130274301 | | | C | | | 1 |
| RUANN TROGYN ALI-55368 | 840003130274747 | | | | | | |
| RUANN TROGYN ANDREA-61848 | 840003133419628 | | | | | | |
| RUANN TROGYN ANDREA-62026 | 840003133419806 | | | | | | |
| RUANN TROGYN ANNA-52901 | 840003127269005 | | | C | | | 1 |
| RUANN TROGYN ANNA-55323 | 840003130274702 | | | C | | | |
| RUANN TROGYN ANNA-61784 | 840003133419564 | | | C | | | |
| RUANN TROGYN AVA-54692 | 840003130274071 | | | C | | | |
| RUANN TROGYN BEATRICE-55358 | 840003130274737 | | | | | | |
| RUANN TROGYN BETTY-54462 | 840003130273841 | | | C | | | |
| RUANN TROGYN BROOKE-52951 | 840003127269055 | | C | C | | | |
| RUANN TROGYN CHARITY-55329 | 840003130274708 | | | | | | |
| RUANN TROGYN CLEO-53020 | 840003127269124 | | | | | | |
| RUANN TROGYN COMET-53349 | 840003127269453 | C | | C | | | |
| RUANN TROGYN COMET-54174 | 840003130273553 | | | | | | |
| RUANN TROGYN CORRY-54821 | 840003130274200 | | C | C | | | |
| RUANN TROGYN CORRY-56197 | 840003133418977 | | | C | | | |
| RUANN TROGYN DAZZLER-54482 | 840003130273861 | | | C | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TROGYN DELORES-53065 | 840003127269169 | | | | | | |
| RUANN TROGYN DELUX-55497 | 840003130274876 | | | | | | |
| RUANN TROGYN DEMAND-53203 | 840003127269307 | | | | | | |
| RUANN TROGYN DIAMOND-55138 | 840003130274517 | | | | | | |
| RUANN TROGYN DINA-55311 | 840003130274690 | | | | | | |
| RUANN TROGYN DORINDA-53929 | 840003130273308 | | | C | | | |
| RUANN TROGYN DORINDA-54584 | 840003130273963 | | | C | | | |
| RUANN TROGYN DORINDA-55310 | 840003130274689 | | | | | | |
| RUANN TROGYN DORINDA-55406 | 840003130274785 | | | C | | | |
| RUANN TROGYN DORINDA-55811 | 840003133418591 | | | C | | | |
| RUANN TROGYN DORINDA-61911 | 840003133419691 | C | | | | | |
| RUANN TROGYN ECHO-50585 | 840003127759339 | | | C | | | |
| RUANN TROGYN ECHO-52815 | 840003127268919 | | | | | | |
| RUANN TROGYN ECHO-53510 | 840003130272889 | | | | | | |
| RUANN TROGYN ELLIE-53763 | 840003130273142 | | | | | | |
| RUANN TROGYN ELLIE-55705 | 840003133418485 | | | | | | |
| RUANN TROGYN FAMOUS-55185 | 840003130274564 | | | | | | |
| RUANN TROGYN FAWN-53418 | 840003127269522 | | | | | | |
| RUANN TROGYN FRAN-53257 | 840003127269361 | | | | | | |
| RUANN TROGYN GLORY-53021 | 840003127269125 | | | | | | |
| RUANN TROGYN GLORY-55291 | 840003130274670 | | | C | | | |
| RUANN TROGYN GLORY-55429 | 840003130274808 | | | | | | |
| RUANN TROGYN HANNAH-54911 | 840003130274290 | | | C | | | |
| RUANN TROGYN IDALEE-61854 | 840003133419634 | | | C | | | |
| RUANN TROGYN JEAN-53521 | 840003130272900 | | | C | | | |
| RUANN TROGYN JEAN-53739 | 840003130273118 | | | C | | | |
| RUANN TROGYN JEEP-53033 | 840003127269137 | | | C | | | |
| RUANN TROGYN KIDD-54160 | 840003130273539 | | | C | | | |
| RUANN TROGYN KINGPIN-55723 | 840003133418503 | | | | | | |
| RUANN TROGYN LANELLE-53323 | 840003127269427 | | | C | | | |
| RUANN TROGYN LORENA-54989 | 840003130274368 | | | C | | | |
| RUANN TROGYN MERLA-50753 | 840003127759507 | | | | | | |
| RUANN TROGYN MERLA-50941 | 840003127759695 | | | | | | |
| RUANN TROGYN MERLA-53314 | 840003127269418 | | | C | | | |
| RUANN TROGYN MERLA-53363 | 840003127269467 | | | | | | |
| RUANN TROGYN MERLA-54087 | 840003130273466 | | | | | | |
| RUANN TROGYN MERLA-54201 | 840003130273580 | | | C | | | |
| RUANN TROGYN MERLA-54886 | 840003130274265 | | C | C | | | |
| RUANN TROGYN MERLA-55080 | 840003130274459 | | | C | | | |
| RUANN TROGYN MERLA-55315 | 840003130274694 | | | C | | | 1 |
| RUANN TROGYN MERLA-61666 | 840003133419446 | | | C | | | |
| RUANN TROGYN MERLA-61878 | 840003133419658 | | | C | | | |
| RUANN TROGYN NORAIN-53042 | 840003127269146 | | | | | | |
| RUANN TROGYN PHOEBE-53032 | 840003127269136 | | | C | | | |
| RUANN TROGYN RETA-55216 | 840003130274595 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN TROGYN ROSALYN-53651 | 840003130273030 | | | | | | |
| RUANN TROGYN ROSIE-53137 | 840003127269241 | | | | | | |
| RUANN TROGYN ROSIE-53572 | 840003130272951 | | | | | | |
| RUANN TROGYN ROSILL-61888 | 840003133419668 | C | | | | | |
| RUANN TROGYN SACHSE-53760 | 840003130273139 | | C | C | | | |
| RUANN TROGYN SAFFRON-55338 | 840003130274717 | | | C | | | |
| RUANN TROGYN SILVA-52787 | 840003127268891 | | | | | | |
| RUANN TROGYN SKOKIE-54238 | 840003130273617 | | | C | | | |
| RUANN TROGYN SPOKE-54022 | 840003130273401 | | | C | | C | |
| RUANN TROGYN TAUNA-53166 | 840003127269270 | | | | | | |
| RUANN TROGYN TAUNA-55131 | 840003130274510 | | | | | | |
| RUANN TROGYN TRIGGER-52866 | 840003127268970 | | | C | | | |
| RUANN TROGYN TRIX-53955 | 840003130273334 | | | C | | | |
| RUANN TROGYN WILLOW-55251 | 840003130274630 | | | C | | | |
| RUANN TRU DORINDA-13944-ET | 840003009221681 | | | | | | |
| RUANN TRU PANDORA-52524-ET | 840003127268628 | | | | | C | |
| RUANN TRU PANDORA-52635-ET | 840003127268739 | | | | | | |
| RUANN TRU PAULINE-52474-ET | 840003127268578 | | | | | | |
| RUANN TRU PAULINE-52520-ET | 840003127268624 | | | | | C | |
| RUANN TRUM DORINDA-22403-ET | 840003009642055 | | | | | C | |
| RUANN TRUM DORINDA-22407-ET | 840003009642059 | | | | | C | |
| RUANN TRUM DORINDA-22409-ET | 840003009642061 | | | | | | |
| RUANN TRUM DORINDA-22461-ET | 840003009642113 | | | | | C | |
| RUANN TRUMP ANNA-30215 | 840003011579503 | | | | | C | 1 |
| RUANN TRUMP ANNA-52563-ET | 840003127268667 | | | | | | |
| RUANN TRUMP ANNA-52574-ET | 840003127268678 | | | | | | |
| RUANN TRUMP ANNA-52593-ET | 840003127268697 | | | | | | |
| RUANN TRUMP ELLA-52588-ET | 840003127268692 | | | C | | | |
| RUANN TRUMP GLORY-32509-ET | 840003011523477 | | | | | | |
| RUANN TRUMP MERLA-35193-ET | 840003012219841 | | | | | | |
| RUANN TRUMP MERLA-35849-ET | 840003012220497 | | | | | | |
| RUANN TRUMP MERLA-35907-ET | 840003012220555 | | | | | | 1 |
| RUANN TRUMP PAM-42042-ET | 840003013922105 | | | | | | |
| RUANN TRUMP PEGGY-36190-ET | 840003013920353 | | | | | | |
| RUANN TRUMP PEGGY-36241-ET | 840003013920404 | | | | | C | |
| RUANN TRUMP POSCH-52642-ET | 840003127268746 | | | | | | |
| RUANN TRUMP TRINKET-11283 | USA 69971732 | | | | | | |
| RUANN TRVIA CONSTANCE-51777 | 840003127267881 | | | | | | |
| RUANN TS CHARMER-91952-ET | 840003005122920 | | | | | | |
| RUANN TS LAIRD-91919-ET | 840003005122887 | | | | | | |
| RUANN TS LAIRD-91985-ET | 840003005122953 | | | | | | |
| RUANN TSTORY TAUNA-84407-ET | USA 66230455 | | | | | | |
| RUANN TUNDRA LEE-25389 | USA 61215381 | | | | | | |
| RUANN UNIX ANNA-50097 | 840003127758851 | | | | | | |
| RUANN UNIX ECHO-45348-ET | 840003124683837 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN UNIX ECHO-45381-ET | 840003124683870 | | | | | | |
| RUANN UNIX GLORY-45487-ET | 840003124683976 | | | | | | |
| RUANN UNIX GLORY-45825-ET | 840003126825186 | | | | | | |
| RUANN UNIX GLORY-45909-ET | 840003126825270 | | | | | | |
| RUANN UNIX MERLA-45588-ET | 840003126824949 | | | | | | |
| RUANN UNIX MERLA-45589-ET | 840003126824950 | | | | | | |
| RUANN UNIX MERLA-45635-ET | 840003126824996 | | | | | | |
| RUANN UNIX MERLA-45662-ET | 840003126825023 | | | | | | |
| RUANN UNIX MERLA-45703-ET | 840003126825064 | | | | | | |
| RUANN UNO CHARMER-30263 | 840003011579551 | | | | | | |
| RUANN UNO DORINDA-40074 | 840003014226211 | | | | | | |
| RUANN UNO MERLA-30119-ET | 840003011579407 | | | | | | |
| RUANN UNO NORAIN-25561-ET | 840003011178888 | | | | | | |
| RUANN UNO POSCH-21224-ET | 840003009754946 | | | | | | |
| RUANN VALENTIN-36123-RED-TW | 840003013920286 | | | | | | 1 |
| RUANN VALENTIN-36124-RED-TW | 840003013920287 | | | | | | 1 |
| RUANN VALENTINE-85718-RED | USA 66562169 | | | | | | |
| RUANN VIBRANT DORINDA-75620 | USA 65391027 | | | | | | |
| RUANN VIBRANT ELLEN-91500 | 840003005122468 | | | | | | |
| RUANN VINCER CORRY-25224-ET | USA 61197652 | | | | | | |
| RUANN VINCER MERLA-10145-ET | USA 60417229 | | | | | | |
| RUANN VOODO AMANDA-82560-TW | USA 65760841 | | | | | | |
| RUANN VOODOO MARI-82306 | USA 65705923 | | | | | | |
| RUANN VOTTO DORINDA-50544 | 840003127759298 | | | | | | |
| RUANN W-BROK POSCH-11180-ET | USA 69971629 | | | | | | 1 |
| RUANN W-BROK POSCH-11198-ET | USA 69971647 | | | | | | 1 |
| RUANN W-BROK POSCH-11229-ET | USA 69971678 | | | | | | 1 |
| RUANN W-FACE LOLA-21175-ET | 840003009754897 | | | | | | 1 |
| RUANN W-HAM HELEN-30202-ET | 840003011579490 | | | | | | 1 |
| RUANN W-MAN GLORY-71618-ET | USA 64018842 | | | | | | |
| RUANN W-MAN PEGGY-65158-ET | USA 63715479 | | | | | | |
| RUANN W-POWER CHARMER-41039 | 840003014227176 | | | | | | |
| RUANN W-POWER DORINDA-40638 | 840003014226775 | C | | | | | 1 |
| RUANN W-POWER JESSE-40937 | 840003014227074 | | | C | | | 1 |
| RUANN WHIP ANDREA-91579 | 840003005122547 | | | | | | |
| RUANN WHIP BAMBOO-93090 | 840003005124058 | | | | | | |
| RUANN WHIP BECKY-93958 | 840003005124926 | | | | | | |
| RUANN WHIP BESSY-93500 | 840003005124468 | | | | | | |
| RUANN WHIP BETTY-92914 | 840003005123882 | | | | | | |
| RUANN WHIP CORRY-92963-TW | 840003005123931 | | | | | | |
| RUANN WHIP GRATEFUL-92946 | 840003005123914 | | | | | | |
| RUANN WHIP HILARY-93815 | 840003005124783 | | | | | | |
| RUANN WHIP JENNIE-91794 | 840003005122762 | | | | | | |
| RUANN WHIP MERLA-93890 | 840003005124858 | | | | | | |
| RUANN WHIP PENELOPE-93389 | 840003005124357 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN WHIP SPARKLE-93026 | 840003005123994 | | | | | | |
| RUANN WHIP SUGAR-93420 | 840003005124388 | | | | | | |
| RUANN WHIP TAUNA-92204 | 840003005123172 | | | | | | |
| RUANN WHIP TAUNA-92972 | 840003005123940 | | | | | | |
| RUANN WHIP VODKA-85795 | USA 66610040 | | | | | | |
| RUANN WHIP WENONA-93017 | 840003005123985 | | | | | | |
| RUANN WHIP-92944 | 840003005123912 | | | | | | |
| RUANN WHITE MERLA-31540-ET | 840003011522508 | | | | | | 1 |
| RUANN WHITE PEGGY-32455-ET | 840003011523423 | | | | | | 3 |
| RUANN WICK BONNIE-55257-ET | 840003130274636 | | | | | | |
| RUANN WICK BONNIE-55377-ET | 840003130274756 | | | | | | |
| RUANN WICK BONNIE-55393-ET | 840003130274772 | | | | | | |
| RUANN WICK TRINKET-55274-ET | 840003130274653 | | | | | | |
| RUANN WICK TRINKET-55282-ET | 840003130274661 | | | | | | |
| RUANN WICK TRINKET-55298-ET | 840003130274677 | | | | | | |
| RUANN WICK TRINKET-55303-ET | 840003130274682 | | | | | | |
| RUANN WICK TRINKET-55320-ET | 840003130274699 | | | | | | |
| RUANN WICKHAM DORINDA-51033 | 840003127759787 | | | | | | |
| RUANN WICKHAM ECHO-54741-ET | 840003130274120 | | | | | | |
| RUANN WICKHAM GLORY-50910 | 840003127759664 | | | | | | |
| RUANN WICKHAM JEAN-55681-ET | 840003133418461 | | | | | | |
| RUANN WICKHAM JEAN-55849-ET | 840003133418629 | | | | | | |
| RUANN WICKHAM JEAN-55897-ET | 840003133418677 | | | | | | |
| RUANN WICKHAM MERLA-51083 | 840003127759837 | | | | | | |
| RUANN WICKHAM TAUNA-50791 | 840003127759545 | | | | | | |
| RUANN WILLPOWER POSCH-40763 | 840003014226900 | | | | | | 1 |
| RUANN WILLPOWER POSCH-41220 | 840003014227357 | C | | | | | |
| RUANN WIN GRATEFUL-35123-ET | 840003012219771 | | | | | | |
| RUANN WIND BONNIE-36454-ET | 840003013920617 | | | | | | 1 |
| RUANN WIND COMET-35760-ET | 840003012220408 | | | | | | |
| RUANN WIND COMET-35761-ET | 840003012220409 | | | | | | 1 |
| RUANN WIND COMET-36084-ET | 840003013920247 | | | | | | |
| RUANN WIND DELLIA-51835-ET | 840003127267939 | | | | | | |
| RUANN WIND DORINDA-42601-ET | 840003013922664 | | | | | | |
| RUANN WIND GLORY-31551-ET | 840003011522519 | | | | | | 1 |
| RUANN WIND MERLA-41668-ET | 840003013921731 | | | | | | |
| RUANN WIND MERLA-42157-ET | 840003013922220 | | | | | | |
| RUANN WIND PAIGE-35507-ET | 840003012220155 | | | | | | 1 |
| RUANN WIND PAIGE-35517-ET | 840003012220165 | | | | | | |
| RUANN WIND PEGGY-42854-ET | 840003013922917 | | | | | | |
| RUANN WIND PEGGY-44864-ET | 840003124683353 | | | | | | |
| RUANN WIND PEGGY-45889-ET | 840003126825250 | | | | | | 1 |
| RUANN WIND PEGGY-45944-ET | 840003126825305 | | | | | | 1 |
| RUANN WIND PEGGY-45997-ET | 840003126825358 | | | | | | |
| RUANN WIND PEGGY-46089-ET | 840003126825450 | | | | | | 1 |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUANN WIND PHOEBE-36043-ET | 840003013920206 | | | | | | |
| RUANN WIND PHOEBE-51591-ET | 840003127267695 | | | | | | 1 |
| RUANN WIND PHOEBE-51653-ET | 840003127267757 | | | | | | 1 |
| RUANN WIND POSCH-16129-ET | 840003009482151 | | | | | | |
| RUANN WINDBROOK MOLLY-41669 | 840003013921732 | | | | | | |
| RUANN WISC MERLA-44929-ET | 840003124683418 | | | | | | |
| RUANN WISC MERLA-44959-ET | 840003124683448 | C | | | | | |
| RUANN WISC MERLA-45015-ET | 840003124683504 | | | | | | |
| RUANN WISCON MERLA-4378-ET | 840003004670767 | C | | | | | |
| RUANN WISCON MERLA-4473-ET | 840003004670862 | C | | | | | |
| RUANN WLDMN BESSIE-64396-ET | USA 63521424 | | | | | | |
| RUANN YO GRATEFUL-56364-ET | 840003133419144 | | | | | | |
| RUANN YODE CHARMER-56355-ET | 840003133419135 | | | | | | |
| RUANN YODER ALLI-50835-ET | 840003127759589 | | | | | | |
| RUANN YODER DELUX-61926-ET | 840003133419706 | | | | | | |
| RUANN YODER DELUX-61976-ET | 840003133419756 | | | | | | |
| RUANN YODER DORINDA-61727 | 840003133419507 | | | | | | |
| RUANN YODER ECHO-55651-ET | 840003133418431 | | | | | | |
| RUANN YODER ECHO-61751-ET | 840003133419531 | | | | | | |
| RUANN YODER ELLIE-62126-ET | 840003133419906 | | | | | | |
| RUANN YODER GLORY-55134-ET | 840003130274513 | | | | | | |
| RUANN YODER GLORY-56383 | 840003133419163 | | | | | | |
| RUANN YODER IRISH-56062-ET | 840003133418842 | | | | | | |
| RUANN YODER JEAN-50651 | 840003127759405 | | | | | | |
| RUANN YODER MERLA-50604 | 840003127759358 | C | | | | | |
| RUANN YODER MERLA-50697 | 840003127759451 | | | | | | |
| RUANN YODER MERLA-56017-ET | 840003133418797 | | | | | | |
| RUANN YODER MERLA-56266 | 840003133419046 | | | | | | |
| RUANN YODER MERLA-61639-ET | 840003133419419 | C | | | | | |
| RUANN YODER POSCH-62044-ET | 840003133419824 | | | | | | |
| RUANN YODER POSCH-62049-ET | 840003133419829 | | | | | | |
| RUANN YODER POSCH-62063-ET | 840003133419843 | | | | | | |
| RUANN YODER POSCH-62064-ET | 840003133419844 | C | | | | | |
| RUANN YODER POSCH-62084-ET | 840003133419864 | | | | | | |
| RUANN YODER POSCH-62148-ET | 840003133419928 | C | | | | | |
| RUANN YODER SALLY-50969 | 840003127759723 | | | | | | |
| RUANN YODER SALLY-55465-ET | 840003130274844 | | | | | | |
| RUANN YODER SALLY-55540-ET | 840003133418320 | | | | | | |
| RUANN YODER SUPER-51041 | 840003127759795 | | | | | | |
| RUBI-SWEET ARMITAGE BRYNA | USA 71702404 | | | | | | |
| RUBI-SWEET ARROW FUEGO-RED | USA 68635134 | | | | | | |
| RUBI-SWEET BINKY ROZALIN | USA 65298783 | | | | | | |
| RUBI-SWEET BOONE HELENA | USA 66663634 | | | | | | |
| RUBI-SWEET CYPRUS DONELLA | USA 70146038 | | | | | | |
| RUBI-SWEET DEFI SAMUELLA | USA 71702382 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUBI-SWEET DENIM ATALANTE | USA 71702359 | | | | | | |
| RUBI-SWEET ECOYNE ISY DARA | USA 71702416 | | | | | | |
| RUBI-SWEET FLINT MARIAN | USA 63210995 | | | | | | |
| RUBI-SWEET FRITZ RICKIE | USA 65298761 | | | | | | |
| RUBI-SWEET LARSON ROSITA | USA 71000662 | | | | | | |
| RUBI-SWEET LATHAM KENDRA | USA 69456548 | | | | | | |
| RUBI-SWEET LONNARD CLELIA | USA 71702410 | | | | | | |
| RUBI-SWEET LONNARD MIRANDA | USA 72046839 | | | | | C | |
| RUBI-SWEET LONNARD NEVADA | USA 71702364 | | | | | C | |
| RUBI-SWEET LONNARD PANSIE | USA 71702451 | | | | | C | |
| RUBI-SWEET LONNARD PAULETTE | USA 71702386 | | | | | C | |
| RUBI-SWEET MAURICE ISOLDE | USA 71702449 | | | | | | |
| RUBI-SWEET MAURICE MAB | USA 71702446 | | | | | | |
| RUBI-SWEET MAURICE RHAMA | USA 71702441 | | | | | | |
| RUBI-SWEET MOGUL DAGNA | USA 71702434 | | | | | | |
| RUBI-SWEET MOGUL RIVIERA | USA 72046832 | | | | | | |
| RUBI-SWEET MOGUL VIOLA | USA 72046834 | | | | | | |
| RUBI-SWEET O-STYLE PALLADIA | USA 68635135 | | | | | | |
| RUBI-SWEET PAT PHILLY | USA 62542607 | | | | | | |
| RUBI-SWEET PROWL VARYUSHA | USA 71000665 | | | | | | |
| RUBI-SWEET ROBINSON MELVA | USA 71000669 | | | | | | |
| RUBI-SWEET ROLF AMIE | USA 72046893 | | | | | | |
| RUBI-SWEET SATIRE DIANTHE | USA 63211000 | | | | | | |
| RUBI-SWEET SEATTLE DESTINY | USA 72046836 | | | | | | |
| RUBI-SWEET SHARKY CHARLENE | USA 65298769 | | | | | | |
| RUBI-SWEET TEMPO KRISTIANA | USA 71702415 | | | | | | |
| RUBI-SWEET TWIST PEONIE | USA 68635167 | | | | | C | |
| RUBI-SWEET WIN ODELLE | USA 62115683 | | | | | | |
| RUBIS BOLTON LOLA-ET | CAN 104916877 | | | | | | |
| RUBIS FREELANCE LILY-ET | CAN 102268968 | | | | | | |
| RUBIS FREELANCE LORY-ET | CAN 102399279 | | | | | | |
| RUBLES ADVENT MARKETA | USA 138227562 | | | | | | |
| RUC-RAM BOOKEM PETUNIA | USA 141915678 | | | | | | |
| RUCH BOOKEM CARMEN | USA 143437349 | | | | | | |
| RUCH BOOKEM DASH | USA 143238315 | | | | | | |
| RUCH BUKYE DEE CRI-ET | USA 63285374 | | | | | | |
| RUCH BUKYE DOTTY CRI-ET | USA 63285373 | | | | | | |
| RUCH EMERALD BONTON | USA 143437358 | | | | | | |
| RUCH EPIC BRODY | USA 142142417 | | | | | | |
| RUCH EPIC HISS | USA 142142408 | | | | | | |
| RUCH FACEBOOK DUST | USA 143437406 | | | | | | |
| RUCH FACEBOOK HARLEY | USA 143437415 | | | | | | |
| RUCH HILL BUFFET | USA 141636416 | | | | | | |
| RUCH HILL DIAMOND | USA 141779685 | | | | | | |
| RUCH HILL DILL | USA 142627169 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUCH LEVI DROP | USA 141922841 | | | C | | | |
| RUCH MANOMAN EQUATE | USA 142142033 | | | | | | |
| RUCH MOGUL SOPHIA | USA 143586931 | | | | | | |
| RUCH MONTROSS DICE | USA 143462215 | | | | | | |
| RUCH MOUNTAIN EGYPT-ET | USA 15413394 | | | | | | |
| RUCH YODER BINDI | USA 143560799 | | | | | | |
| RUCH YODER BUFFERIN | USA 143462224 | | | | | | |
| RUCH YODER EXON | USA 143560780 | | | | | | |
| RUCH YODER LOUI | USA 143560771 | | | | | | |
| RUD-AG MILES WINDY | USA 64474737 | | | | | | |
| RUGG-DOC AFTRSHOCK CARAH-ET | 840003007897750 | | | C | | | |
| RUGG-DOC AFTRSK CARMLYNN-ET | 840003007897752 | | | C | | | |
| RUGG-DOC AFTSHK CARMADON-ET | 840003007897747 | | | C | | | |
| RUGG-DOC AFTSHOCK CATTI-ET | 840003007897745 | | | | | | |
| RUGG-DOC AFTSK CARMELITE-ET | 840003007897749 | | | C | | | |
| RUGG-DOC AL CHAPSTICK-ET | USA 140452590 | | | | | | |
| RUGG-DOC AL CHARLOTTE-ET | USA 140465796 | | | | | | |
| RUGG-DOC ALCHEMY CHAN-ET | 840003007897804 | | | | | | 1 |
| RUGG-DOC AMO CARMARLO-ET | USA 139840892 | | | | | | |
| RUGG-DOC ARMSTD CARMARY-ET | USA 139857654 | | | | | | |
| RUGG-DOC ARMTG CHRISTINE-ET | 840003007897794 | | | | | | |
| RUGG-DOC ARTFUL CELINA | 840003011218759 | | | C | | | |
| RUGG-DOC ASHLAR CARLA-ET | USA 140239782 | | | | | | |
| RUGG-DOC BOLO CAMERA-ET | 840003007897786 | | | | | | |
| RUGG-DOC BOOKEM CADENCE-ET | 840003007897776 | | | | | | |
| RUGG-DOC BOOKEM CAILEY-ET | 840003007897777 | | | | | | |
| RUGG-DOC BOOKEM CAILIN-ET | 840003007897778 | | | | | | |
| RUGG-DOC BOOKEM CAMILA-ET | 840003007897775 | | | C | | | |
| RUGG-DOC BOOKEM CAROLINE-ET | 840003007897774 | | | | | | |
| RUGG-DOC BOOKEM CHLOE-ET | 840003007897773 | | | | | | |
| RUGG-DOC BOWSER CANAPY-ET | 840003007897740 | | | C | | | |
| RUGG-DOC BOWSER CARB-ET | 840003007897739 | | | | | | |
| RUGG-DOC BOWSER CELLY-ET | 840003007897741 | | | | | | |
| RUGG-DOC BSR CARMORRIE-ET | 840003007897746 | | | | | | |
| RUGG-DOC BSR CHAPTER-ET | USA 140685323 | | | | | | |
| RUGG-DOC CARMELICIOUS-ET | USA 140276536 | | C | C | | | |
| RUGG-DOC CARMODITY-ET | USA 140276527 | | C | | | | |
| RUGG-DOC CARTRIDGE-ET | USA 140276518 | | | | | | |
| RUGG-DOC CASHCOIN CHULA-ET | 840003011218791 | | | | | | 1 |
| RUGG-DOC CHARLOTTES WEB-TW | 840003007897792 | | | | | | |
| RUGG-DOC DEDUCTIVE 312 | 840003011218795 | | | | | | |
| RUGG-DOC DEFINE CARMINE | 840003011218750 | | | C | | | |
| RUGG-DOC DETROIT ASHLEY-ET | 840003011218751 | C | | | | | |
| RUGG-DOC DMAN CARMESSICA-ET | 840003007897755 | | | | | | |
| RUGG-DOC DOMAIN ADDY-ET | 840003007897753 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUGG-DOC DOMAIN ADELYN-ET | 840003007897751 | C | | | | | |
| RUGG-DOC DOMAIN CAMPUS-ET | 840003007897743 | | | C | | | |
| RUGG-DOC DOMAIN CANDIDA-ET | 840003007897744 | | | | | | |
| RUGG-DOC DOMAIN CARMANCY-ET | 840003007897754 | | | C | | | |
| RUGG-DOC DOMAIN CARMEYLA-ET | 840003007897757 | | | C | | | |
| RUGG-DOC DOMAIN CARMIKKI-ET | 840003007897756 | | | C | | | |
| RUGG-DOC DOMAIN CARMLEE-ET | 840003007897759 | | | | | | |
| RUGG-DOC DOMAIN CAROL-ET | 840003007897727 | | | | | | |
| RUGG-DOC DOMN CARMADELYN-ET | 840003007897760 | | | | | | |
| RUGG-DOC EPIC CALIX-ET | 840003007897811 | | | C | | | |
| RUGG-DOC EPIC CALLA-ET | 840003011218766 | | | | | | |
| RUGG-DOC EPIC CALLISTA-ET | 840003007897809 | | | | | | |
| RUGG-DOC EPIC CALTHA-ET | 840003011218767 | | | | | | |
| RUGG-DOC EPIC CALYPSO-ET | 840003007897808 | | | C | | | |
| RUGG-DOC EPIC CAMBRIA-ET | 840003007897807 | | | | | | |
| RUGG-DOC EPIC CAMEO-ET | 840003007897806 | | | | | | |
| RUGG-DOC EPIC CATAVA-ET | 840003011218768 | | | C | | | |
| RUGG-DOC EPIC CEANA-ET | 840003011218747 | | | | | | |
| RUGG-DOC EPIC CECILY-ET | 840003011218769 | | | C | | | |
| RUGG-DOC EPIC CELINE-ET | 840003011218771 | | | | | | |
| RUGG-DOC EPIC CHICKLET-ET | 840003007897812 | | | | | | |
| RUGG-DOC EPIC CHIKA-ET | 840003007897805 | | | | | | |
| RUGG-DOC FREDDIE CHICK-ET | 840003007897728 | | | | | | |
| RUGG-DOC GAME CHANGER-ET | 840003011218789 | | | | | | 1 |
| RUGG-DOC H CHICK MAGNET-ET | 840003011218801 | | | | | | |
| RUGG-DOC HAL CHICK FLIX-ET | 840003011218802 | | | | | | |
| RUGG-DOC HIGHWAY CHIPO-ET | 840003011218745 | | | | | | |
| RUGG-DOC HUNGER CAULIFLOWER | 840003011218790 | | | | | | |
| RUGG-DOC JABIR CREEK | 840003011218785 | | | | | | |
| RUGG-DOC JABIR ELYSIUM-ET | 840003011218783 | | | | | C | |
| RUGG-DOC JACEY 317 | 840003011218800 | | | C | | | |
| RUGG-DOC JACEY CACEY | 840003011218788 | | | | | | |
| RUGG-DOC JETSET CAROLYN | 840003011218784 | | | | | | |
| RUGG-DOC JVS CARMETTA-ET | USA 140500332 | | | C | | | |
| RUGG-DOC KBOY CHASSITY-ET | 840003011218805 | | | | | | |
| RUGG-DOC KINGBOY CHAINEY-ET | 840003011218811 | | | | | | |
| RUGG-DOC KINGBOY CHERRY-ET | 840003011218804 | | | | | | |
| RUGG-DOC KINGBOY CHESS-ET | 840003011218806 | | | | | | |
| RUGG-DOC KOJ CARMAE-ET | USA 139760637 | | | | | | |
| RUGG-DOC KOJ CARMELLO-ET | USA 139760655 | | | | | | |
| RUGG-DOC LANCOME 314 | 840003011218797 | | | | | | |
| RUGG-DOC LANCOME COMB | 840003011218787 | | | | | | |
| RUGG-DOC LAYNE CADEE-ET | 840003011218772 | | | | | | |
| RUGG-DOC LG CHARLENE-ET | 840003011218780 | | | | | | |
| RUGG-DOC LG CHARLOT-ET | 840003011218777 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUGG-DOC LOTMX CELESTIAL-ET | 840003011218818 | | | | | | |
| RUGG-DOC LOTTOMAX CEARA-ET | 840003011218815 | | | | | | |
| RUGG-DOC LOTTOMAX CELICA-ET | 840003011218817 | | | | | | |
| RUGG-DOC MACK CRACK | 840003011218786 | | | | | | |
| RUGG-DOC MAN-O-MAN CARMOREO | 840003007897758 | | | | | | |
| RUGG-DOC MASSEY ADDISON-ET | 840003011218752 | C | | | | | |
| RUGG-DOC MASSEY AUDREY-ET | 840003011218753 | C | | | | | |
| RUGG-DOC MAYF CAIMILE-ET | 840003011218763 | | | | | | |
| RUGG-DOC MAYFELD CARLINA-ET | 840003011218755 | | | C | | | |
| RUGG-DOC MAYFELD CARLING-ET | 840003011218754 | | | C | | | |
| RUGG-DOC MAYFIELD ASHLEY | 840003011218762 | | | | | | |
| RUGG-DOC MAYFIELD CARLIE | 840003011218760 | | | C | | | |
| RUGG-DOC MAYFIELD CARLOTA | 840003011218761 | | | | | | |
| RUGG-DOC MAYNARD CARALEE-ET | 840003011218746 | | | | | | |
| RUGG-DOC MAYNRD CARAJEAN-ET | 840003007897820 | | | | | | |
| RUGG-DOC MAYNRD CARRESSE-ET | 840003011218749 | | | | | | |
| RUGG-DOC MCCUTCHEN 316 | 840003011218799 | | | | | | |
| RUGG-DOC MCCUTCHEN CAMELLIA | 840003011218773 | | | | | | |
| RUGG-DOC MCCUTCHEN CLITORIS | 840003011218774 | | | | | | |
| RUGG-DOC MCCUTCHEN EAGLE-ET | 840003011218764 | | | | | | |
| RUGG-DOC MCCUTCHEN EXEL-ET | 840003011218765 | | | | | C | |
| RUGG-DOC MERIDIAN CALA-ET | 840003011218757 | | | | | | |
| RUGG-DOC MINTMAKR CHERRY-ET | 840003011218758 | | | | | | |
| RUGG-DOC MIXER CAYLEIGH-ET | 840003011218748 | | | | | | |
| RUGG-DOC MOGUL CAPRI-ET | 840003007897817 | | | | | | |
| RUGG-DOC MOGUL CAREW-ET | 840003007897814 | | | C | | | |
| RUGG-DOC MOGUL ERICA-ET | 840003011218756 | | | | | C | |
| RUGG-DOC MONTEREY CAT-ET | 840003011218807 | | | | | | |
| RUGG-DOC MONTEREY CATHY-ET | 840003011218808 | | | | | | |
| RUGG-DOC MONTEREY CELLO-ET | 840003011218810 | | | | | | |
| RUGG-DOC MONTEREY CHELL-ET | 840003011218809 | | | | | | |
| RUGG-DOC MTEOR CARMEBBIE-ET | 840003007897765 | | | | | | |
| RUGG-DOC MTOR CARMSHARIE-ET | 840003007897764 | | | C | | | |
| RUGG-DOC NBR ONE CAIMILE-ET | 840003007897797 | | | | | | |
| RUGG-DOC NIAGRA CARMJO-ET | 840003007897742 | | | C | | | |
| RUGG-DOC NIAGRA CHASSITY-ET | USA 140781337 | | | | | | |
| RUGG-DOC NIG CARMELISTIC-ET | 840003007897748 | | | C | | | |
| RUGG-DOC NOMINEE CAT-ET | 840003011218794 | | | | | | |
| RUGG-DOC NOMINEE CATE-ET | 840003011218792 | | | | | | |
| RUGG-DOC NOMINEE CHICKFLICK | 840003011218798 | | | | | | |
| RUGG-DOC NUMB ONE CHAVI-ET | 840003007897818 | | | | | | |
| RUGG-DOC NUMBER ONE CAI-ET | 840003007897796 | | | | | | |
| RUGG-DOC NUMBER ONE CHAY-ET | 840003007897819 | | | | | | |
| RUGG-DOC OBSERVER CANNA-ET | 840003007897732 | | | | | | |
| RUGG-DOC OBSERVER CATTY-ET | 840003007897735 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUGG-DOC OBSERVER CAYLA-ET | 840003007897736 | | | | | | |
| RUGG-DOC OBSERVER CAYLOR-ET | 840003007897737 | | | C | | | |
| RUGG-DOC OBSERVER CULIE-ET | 840003007897733 | | | C | | | |
| RUGG-DOC OBSRVR CARMACIE-ET | 840003007897762 | | | | | | |
| RUGG-DOC OBSRVR WHISPSER-TW | 840003007897793 | | | | | | |
| RUGG-DOC OBSV CARMINDSAY-ET | 840003007897761 | | | C | | | |
| RUGG-DOC OLYMPIAN 313-ET | 840003011218796 | | | | | | |
| RUGG-DOC OLYMPIAN CATSIA-ET | 840003011218793 | | | C | | | |
| RUGG-DOC OSMOND CHOW-ET | 840003011218770 | | | | | | |
| RUGG-DOC PAUL CACEY-ET | 840003007897781 | | | | | | |
| RUGG-DOC PAUL CADENZA-ET | 840003007897780 | | | C | | | |
| RUGG-DOC PAUL CADIE-ET | 840003007897779 | | | | | | |
| RUGG-DOC PAUL CHEYENNE-ET | 840003007897784 | | | C | | | |
| RUGG-DOC PAUL CHRISTIAN-ET | 840003007897785 | | | C | | | |
| RUGG-DOC PLANET CORONA | USA 139490556 | | | | | | |
| RUGG-DOC RACER GOLDIE MAE | 840003011218803 | | | | | | |
| RUGG-DOC RGANCREST CANDYMAY | USA 71298090 | | | | | | |
| RUGG-DOC ROB CARMALLISON-ET | 840003007897766 | | | | | | |
| RUGG-DOC ROB CARMEVALIE-ET | 840003007897768 | | | | | | |
| RUGG-DOC ROBST CARMENSON-ET | 840003007897771 | | | C | | | |
| RUGG-DOC ROBST CARMYLLIS-ET | 840003007897769 | | | | | | |
| RUGG-DOC ROBUST CARMAREN-ET | 840003007897767 | | | | | | |
| RUGG-DOC ROBUST CARMELLA-ET | 840003007897772 | | | | | | |
| RUGG-DOC ROBUST CARMUTH-ET | 840003007897770 | | | C | | | |
| RUGG-DOC SHAMROCK ANNA | 840003007897787 | C | | | | | |
| RUGG-DOC SHAMROCK CANDY-ET | 840003007897790 | | | | | | |
| RUGG-DOC SHAMROCK CHLOE-ET | 840003007897783 | | | | | | |
| RUGG-DOC SHMRK CHAMPAGNE-ET | 840003007897788 | | | | | | |
| RUGG-DOC SHOTTLE CARBOOZIE | 840003007897763 | | | C | | | |
| RUGG-DOC SHOTTLE FANTASIA | USA 139490565 | | | | | | |
| RUGG-DOC SNCHZ CARENA-ET | USA 140388909 | | | C | | | |
| RUGG-DOC SNCZ CARYN-ET | USA 140388945 | | | | | | |
| RUGG-DOC SNCZ FANTASTIC | USA 140670536 | | | | | | |
| RUGG-DOC SNOWDEN CHAYLEN-ET | 840003007897810 | | | | | | |
| RUGG-DOC SNZ CARALINA-ET | USA 140388936 | | | | | | |
| RUGG-DOC SPRSHOT CHAINEY-ET | 840003011218812 | | | | | | |
| RUGG-DOC SPRSHOT CHANTEL-ET | 840003011218813 | | | | | | |
| RUGG-DOC SPRSNC CARDINIA-ET | 840003007897803 | | | C | | | |
| RUGG-DOC SPRSONC CARALYN-ET | 840003007897802 | | | | | | |
| RUGG-DOC SPSNC CALEDONIA-ET | 840003007897798 | | | | | | |
| RUGG-DOC SRST MS CHANTEL-ET | 840003011218814 | | | | | | |
| RUGG-DOC SS CHINK-ET | 840003011218775 | | | | | | |
| RUGG-DOC SS CYAN | 840003011218778 | | | | | | |
| RUGG-DOC SUPER CARLEE-ET | 840003007897724 | | | | | | |
| RUGG-DOC SUPER CLASSIC-ET | USA 140697452 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUGG-DOC SUPER GWEN-ET | USA 140670527 | | C | | | | 3 |
| RUGG-DOC SUPERSONIC CARA-ET | 840003007897800 | | | | | | |
| RUGG-DOC SUPRSHOT CHANDA-ET | 840003011218816 | | | | | | |
| RUGG-DOC SUPRSNC CLARICE-ET | 840003007897813 | | | | | | |
| RUGG-DOC SUPRSONC CARAGH-ET | 840003007897801 | | | | | | |
| RUGG-DOC SUPSNC CLARINDA-ET | 840003007897815 | | | | | | 1 |
| RUGG-DOC TANGO CHEW-ET | 840003011218782 | | C | | | | |
| RUGG-DOC TIME CATRINA-ET | USA 140666142 | | | C | | | |
| RUGG-DOC TOTAL OUTCROSS-ET | 840003007897791 | C | | | | | |
| RUGG-DOC TRIGGER CLARITOL | 840003007897738 | | | | | | |
| RUGG-DOC UNO CHELSEA-ET | 840003007897816 | | | | | | |
| RUGG-DOC WDBRK CANDYCANE-ET | 840003007897782 | | | | | | |
| RUGG-IZ ARMSTEAD CALLY-ET | USA 139496244 | | | | | | |
| RUIS-ING-SUN LYDIA | USA 66537863 | | | | | | |
| RUIS-ING-SUN SHOTTLE LEA-ET | USA 71628587 | C | | | | C | |
| RUIS-ING-SUN VINA | USA 63762852 | C | | | | | |
| RUMMAGE DAMION PATTY | USA 141167105 | | | | | | |
| RUMMAGE DUSTY JEN | USA 139521584 | | | | | | |
| RUMMAGE GOLDWYN SUE-ET | USA 141172442 | C | | | | | |
| RUN-N-SPRINGS PA 51545 | 840003010350137 | | | C | | | |
| RUNNYMEDE CLARK SASSY | USA 72927632 | | | | | | |
| RUNNYMEDE CLARK WHISPER | USA 72927633 | | | | | | |
| RUNNYMEDE MGL LADY LIBERTY | USA 143021180 | | | | | | |
| RUPLAND BRET DORITA | USA 70165420 | | | | | | |
| RUPLAND COLT CRUSH-RED-ET | USA 70165468 | | | | | | |
| RUPLAND DAY DAISY | USA 70165486 | | | | | | |
| RUPLAND DEANN BLONDE | USA 70165413 | | | | | | |
| RUPLAND GOLDWYN BROWNI-ET | USA 65697859 | | | | | | 3 |
| RUPLAND JAMMER BRITA | USA 70165445 | | | | | | |
| RUPLAND JAMMER BRITISH | USA 70165456 | | | | | | 3 |
| RUPLAND JARDIN JOY-ET | USA 65697838 | | | | | | |
| RUPLAND JETSTREAM DEANNA-ET | USA 138165569 | | | | | | |
| RUPLAND LBOY CARAMEL-RED-ET | USA 65697876 | | | | | | |
| RUPLAND MAC BENITA-ET | USA 65697833 | | | | | | |
| RUPLAND MAC BETH-ET | USA 138919887 | | C | | | | |
| RUPLAND MAC BETSY-ET | USA 138919878 | | | | | | |
| RUPLAND MAMMOTH MOMMA | USA 70165490 | | | | | | |
| RUPLAND MCCUTCHEN 996 | USA 73246618 | | | | | | |
| RUPLAND MICHAEL BOSSIE | USA 65697867 | | C | | | | |
| RUPLAND MICHAEL DIANE | USA 65697883 | | | | | | |
| RUPLAND RAMOS JENNIE-ET | USA 65697841 | | | | | | |
| RUPP-VUE ADV SHORTCAKE-RED | USA 141029285 | | | | | | |
| RUPP-VUE DRAKE DARLA-ET | USA 69118342 | | | | | | |
| RUPP-VUE FAGAN SIENNA | USA 138459125 | | | | | | |
| RUPP-VUE FLOWER 4747-ET | USA 65830563 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUPP-VUE MANFRED GRATER-ET | USA 127365488 | | | | | | |
| RUPP-VUE MORTY GLASSY | USA 136478252 | C | | | | | |
| RUPP-VUE OUTSIDE LORETTA-ET | USA 71319178 | | | | | | |
| RUPP-VUE WINDBROOK TAMY-ET | USA 72787968 | | | | | | |
| RUS-T-ACRES ROUTE BUCKLE | USA 64368230 | | | | | | |
| RUSCH-RBD GAVIN 1152 | 840003006219043 | | | | | | |
| RUSCH-RBD GUSTO 1136 | 840003006219027 | | | | | | 3 |
| RUSCH-RBD HORIZON 1160 | 840003006219051 | | | C | | | |
| RUSCH-RBD HUBBARD 1163 | 840003006219054 | | | | | | |
| RUSCH-RBD HUBBARD 1164 | 840003006219055 | | | | | | |
| RUSCH-RBD HUBBARD 1190 | 840003006219081 | | | | | | |
| RUSCH-RBD LOFTY 1154 | 840003006219045 | C | | | C | | |
| RUSCH-RBD MACHINIST 1170 | 840003006219061 | | | | | | |
| RUSCH-RBD MACHINIST 2029 | 840003004320503 | | | | | | |
| RUSCH-RBD MATIC 1165 | 840003006219056 | | | | | | |
| RUSCH-RBD MATIC 1166 | 840003006219057 | | | | | | |
| RUSCH-RBD MATIC 1167 | 840003006219058 | | | | | | |
| RUSCH-RBD MATIC 1173 | 840003006219064 | | | | | | |
| RUSCH-RBD MATIC 1180 | 840003006219071 | | | | | | |
| RUSCH-RBD MATIC 2028 | 840003004320502 | | | | | | |
| RUSCH-RBD RUBLE 1130 | 840003006219021 | | | | | | |
| RUSCH-RBD RUBLE 1143 | 840003006219034 | | | | | | |
| RUSH BAXTER DECORATE-ET | USA 63470393 | | | C | | | |
| RUSH DOZER CHARM-ET | USA 72684403 | | | | | | |
| RUSH JABIR PENNY-ET | USA 72684365 | | | | | | |
| RUSH TANGO POPTART-ET | USA 72684372 | | | | | | |
| RUSH-RUN 2323 | USA 71483716 | | | | | | |
| RUSH-RUN 2328 | USA 71483721 | | | | | | |
| RUSH-RUN 2330 | USA 71483723 | | | | | | |
| RUSH-RUN 2331 | USA 71483724 | | | | | | |
| RUSH-RUN 2332-RED | USA 71483725 | | C | | | | 3 |
| RUSH-RUN 2333 | USA 71483726 | | | | | | |
| RUSH-RUN 2337 | USA 71483730 | C | | C | | | |
| RUSH-RUN 2349 | USA 71483742 | | | | | | |
| RUSH-RUN 2354 | USA 72080238 | | | | | | 1 |
| RUSH-RUN 2356 | USA 72080240 | | | | | | |
| RUSH-RUN 2366 | USA 72080250 | | | | | C | |
| RUSH-RUN 2367 | USA 72080251 | | | | | | |
| RUSH-RUN 2371 | USA 72080255 | C | | | | | |
| RUSH-RUN 2374 | USA 72080258 | | | | | | |
| RUSH-RUN 2375 | USA 72080259 | | | | | | |
| RUSH-RUN 2376 | USA 72080260 | | | | | | |
| RUSH-RUN 2377 | USA 72080261 | | | C | | | |
| RUSH-RUN 2378 | USA 72080262 | | | | | | |
| RUSH-RUN 2379 | USA 72080263 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUSH-RUN 2380 | USA 72080264 | | | | | | |
| RUSH-RUN 2381 | USA 72080265 | | | | | | |
| RUSH-RUN 2382 | USA 72080266 | | | | | | 1 |
| RUSH-RUN 2390 | USA 72080274 | | C | | | | |
| RUSH-RUN 2392 | USA 72080276 | | | | | | |
| RUSH-RUN 2394 | USA 72080278 | | | | | | |
| RUSH-RUN 2398 | USA 72080282 | | C | | | | 3 |
| RUSH-RUN 2399 | USA 72080283 | | | | | | |
| RUSH-RUN 2401 | USA 72080285 | | | | | | |
| RUSH-RUN 2404 | USA 72080288 | | | | | | |
| RUSH-RUN 2405 | USA 72080289 | | | | | | |
| RUSH-RUN 2409 | USA 72080293 | | | | | | |
| RUSH-RUN 2410 | USA 72080294 | | | C | | | |
| RUSH-RUN 2412 | USA 72080296 | | | | | | |
| RUSH-RUN 2413 | USA 72080297 | | | | | | |
| RUSH-RUN 2414 | USA 72080298 | | | | | | 1 |
| RUSH-RUN 2415 | USA 72080299 | | | | | | |
| RUSH-RUN 2416 | USA 72080300 | | C | | | | 3 |
| RUSH-RUN 2418 | USA 72080302 | | | | | | |
| RUSH-RUN 2419 | USA 72080303 | | | | | | |
| RUSH-RUN 2420 | USA 72080304 | C | | | | | |
| RUSH-RUN 2421 | USA 72080305 | C | | | | C | |
| RUSH-RUN 2424 | USA 72080308 | | | | | | |
| RUSH-RUN 2425 | USA 72080309 | | | C | | | |
| RUSH-RUN 2426 | USA 72080310 | | | | | | |
| RUSH-RUN 2428 | USA 72080312 | | | | | | 1 |
| RUSH-RUN 2429-RED | USA 72080313 | | | | | | |
| RUSH-RUN 2430 | USA 72080314 | C | | | C | | |
| RUSH-RUN 2431 | USA 72080315 | | | | | | |
| RUSH-RUN 2433 | USA 72080317 | C | | | | | |
| RUSH-RUN 2434 | USA 72080318 | | | | | | |
| RUSH-RUN 2436-RED | USA 72080320 | | | | | | |
| RUSH-RUN 2437 | USA 72080321 | | | | | | |
| RUSH-RUN 2438 | USA 72080322 | | C | | | | |
| RUSH-RUN 2440 | USA 72080324 | | | | | | |
| RUSH-RUN 2441 | USA 72080325 | | | | | | |
| RUSH-RUN 2443-TW | USA 72080327 | | | C | | | |
| RUSH-RUN 2444 | USA 72080328 | | | | | | |
| RUSH-RUN 2445 | USA 72080329 | | C | | | | 3 |
| RUSH-RUN 2446 | USA 72080330 | | | | | | |
| RUSH-RUN 2447-RED | USA 72080331 | | | | | | 3 |
| RUSH-RUN 2448 | USA 72080332 | | | | | | |
| RUSH-RUN 2449 | USA 72080333 | | | | | | |
| RUSH-RUN 2450 | USA 72080334 | | | C | | | |
| RUSH-RUN 2451 | USA 72886987 | C | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search

| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUSH-RUN 2452 | USA 72886988 | | | | | | |
| RUSH-RUN 2453 | USA 72886989 | | | | | C | |
| RUSH-RUN 2454 | USA 72886990 | | | | | | |
| RUSH-RUN 2455 | USA 72886991 | | | | | C | |
| RUSH-RUN 2456 | USA 72886992 | | | | | | 1 |
| RUSH-RUN 2459-TW | USA 72886995 | | | C | | | |
| RUSH-RUN 2460 | USA 72886996 | | | C | | | |
| RUSH-RUN 2461 | USA 72886997 | | | | | | |
| RUSH-RUN 2463 | USA 72886999 | | | | | | |
| RUSH-RUN 2465 | USA 72887001 | | | | | | |
| RUSH-RUN 2469 | USA 72887005 | | | | | | |
| RUSH-RUN 2470 | USA 72887006 | C | | | | | |
| RUSH-RUN 2473 | USA 72887009 | | | | | | 1 |
| RUSH-RUN 2476 | USA 72887012 | | | | | | |
| RUSH-RUN 2477 | USA 72887013 | | | | | | 3 |
| RUSH-RUN 2479-TW | USA 72887015 | C | | | | C | |
| RUSH-RUN 2480 | USA 72887016 | | | | | | 3 |
| RUSH-RUN 2483 | USA 72887019 | | | | | | |
| RUSH-RUN 2487 | USA 72887023 | | | | | | |
| RUSH-RUN 2491 | USA 72887027 | | | | | | |
| RUSH-RUN 2496 | USA 72887032 | | | | | | |
| RUSH-RUN 2507-RED | USA 72887043 | | | | | | |
| RUSH-RUN 2518 | USA 72887054 | | | | | | |
| RUSH-RUN 2553-RED | USA 73406903 | | | | | | |
| RUSH-RUN 2561 | USA 73406911 | C | | C | | | |
| RUSH-RUN 2562 | USA 73406912 | | | | | | |
| RUSH-RUN 2564 | USA 73406914 | | | | | | |
| RUSH-RUN 2566 | USA 73406916 | | | C | | | |
| RUSK-ROSE LORITA | USA 69245454 | | | | | | |
| RUSK-ROSE MANAGER MARLYS | USA 69245468 | | | | | | |
| RUSK-ROSE PARTYROCK SISAL | USA 69245499 | | | | | | |
| RUSSELLWAY ABSOLUT RENESSA | USA 72979427 | | | | | | |
| RUSSELLWAY ABSOLUTE EKANTA | USA 72979451 | | | | | | |
| RUSSELLWAY ADRAN HD 9164-ET | 840003129825937 | | | | | | |
| RUSSELLWAY ADRAN HD 9174-ET | 840003129825947 | | | | | | |
| RUSSELLWAY AKIRA AW 9169-ET | 840003129825942 | | | | | | |
| RUSSELLWAY AKRA ATW 9153-ET | 840003129825926 | | | | | | |
| RUSSELLWAY AL GABBY-RED-ET | USA 71500207 | | | | | | |
| RUSSELLWAY ALEX REESE-ET | 840003009999092 | | | | | | 1 |
| RUSSELLWAY ALXANDER REBA-ET | 840003009532066 | | | | | | 1 |
| RUSSELLWAY ALXANDER RENA-ET | 840003009532045 | | | | | | |
| RUSSELLWAY ATWOD ARIANNA-ET | USA 73896699 | | | | | | |
| RUSSELLWAY BAMA GLORY-RED | USA 71500216 | | | | | | |
| RUSSELLWAY C45 MAKARA-ET | USA 72979445 | | | | | | |
| RUSSELLWAY CAMERON PINKY-ET | USA 71500199 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUSSELLWAY CAMRN PATI-ETS | USA 71500195 | | | C | | | |
| RUSSELLWAY CAMRN PEG-ETS | USA 71500194 | | | C | | | |
| RUSSELLWAY DESIRED CRICKET | USA 73910280 | | | | | | |
| RUSSELLWAY DESTINE CARA-ET | 840003123476615 | | | | | | |
| RUSSELLWAY DOMAIN LITZY-ET | USA 70818821 | | | | | | |
| RUSSELLWAY DONATELLO AMELIA | USA 73910254 | | | | | | |
| RUSSELLWAY DOOR 18015-ET | 840003127913932 | | | | | C | |
| RUSSELLWAY DOORMAN DAMALI | USA 72979443 | | | | | | |
| RUSSELLWAY DOORMAN PERILLA | USA 72979455 | | | C | | C | |
| RUSSELLWAY DOORMN RACHEL-ET | USA 73650162 | | | | | | |
| RUSSELLWAY DUSK RITA-RED-ET | USA 70818864 | | | | | | |
| RUSSELLWAY ESCALADE DOVE-ET | USA 71500184 | | | | | | |
| RUSSELLWAY G W ATWD REKA-ET | 840003009532301 | | | | | | |
| RUSSELLWAY G W ATWD REVA-ET | 840003009532319 | | | | | | |
| RUSSELLWAY GIFIAN DANIELE | USA 73910291 | | | | | | 1 |
| RUSSELLWAY GIFIAN EMILIA | USA 73910272 | | | | | | |
| RUSSELLWAY GIFIAN LARISSA | USA 73910278 | | | | | C | |
| RUSSELLWAY GIFIAN PAQUITA | USA 73910276 | | | C | | | |
| RUSSELLWAY GIFIAN RENATE | USA 73910282 | | | | | | |
| RUSSELLWAY GIFIAN RISHIKA | USA 73910271 | | | | | | |
| RUSSELLWAY GOLDCHIP ALIA-ET | USA 70818853 | | | | | | |
| RUSSELLWAY GOLDCHIP AYLA-ET | USA 70818854 | | | | | | |
| RUSSELLWAY HALOGEN DENAE-ET | USA 73910218 | | | | | | |
| RUSSELLWAY HALOGEN DESSA-ET | USA 73910221 | | | | | | |
| RUSSELLWAY HEADLINR 8954-ET | 840003129825727 | | | | | | |
| RUSSELLWAY JABIR LISELI | USA 72979460 | | | | | | |
| RUSSELLWAY JABIR MAZALI | USA 72979435 | | | | | | |
| RUSSELLWAY JACEY 18126-ET | 840003127914043 | | | | | | |
| RUSSELLWAY JACEY 18189-ET | 840003127914106 | | | | | | |
| RUSSELLWAY JACEY LYNETH-ET | USA 73910224 | | | | | | |
| RUSSELLWAY JACEY RASIMA-ET | USA 73910231 | | | | | | |
| RUSSELLWAY JACEY RENATA-ET | USA 73910233 | | | | | | |
| RUSSELLWAY JACEY RIONA-ET | USA 73910236 | | | | | | |
| RUSSELLWAY JETSET ABANA-ET | USA 73910227 | | | | | | |
| RUSSELLWAY JETST 18138-ET | 840003127914055 | | | | | | |
| RUSSELLWAY KINGBOY AKILA-ET | USA 73910251 | | | | | | |
| RUSSELLWAY KINGBOY DARLA-ET | USA 73910292 | | | | | | |
| RUSSELLWAY KINGBOY DAWN-ET | USA 73910285 | | | | | | |
| RUSSELLWAY LARGE PENNY-ET | USA 71500208 | | | C | | | |
| RUSSELLWAY LOTTOMAX LIL-ET | USA 73629653 | | | | | | |
| RUSSELLWAY LOTTOMAX PIE-ET | USA 73629648 | | | C | | | |
| RUSSELLWAY LOU P MALAYA | USA 72979453 | | | | | | |
| RUSSELLWAY M-O-M DALILA-ET | USA 70818862 | | | | | | |
| RUSSELLWAY MAN-O-MAN EMI-ET | USA 69162623 | | | | | | |
| RUSSELLWAY MAN-O-MAN EVE-ET | USA 69162622 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUSSELLWAY MAYFIELD LEAH-ET | USA 71500233 | | | C | | | |
| RUSSELLWAY MAYFIELD LENA-ET | USA 71500234 | | | C | | | |
| RUSSELLWAY MAYFLD MYSTIC-ET | USA 71500229 | | | C | | | |
| RUSSELLWAY MCCUTCHEN BROOKE | USA 71500240 | | | C | | | |
| RUSSELLWAY MCCUTCHEN LEE-ET | USA 72979412 | | | | | | |
| RUSSELLWAY MCCUTCHEN RIO-ET | USA 71500241 | | | | | | |
| RUSSELLWAY MERIDIAN ELSIE | USA 71500266 | | | | | | |
| RUSSELLWAY MERIDIAN MAKAYLA | USA 72979452 | | | | | | |
| RUSSELLWAY MILLION ERIS-ET | USA 69162594 | | | | | | |
| RUSSELLWAY MIXER DANICA | USA 71500223 | | | | | | |
| RUSSELLWAY MOGUL PATTY-ET | USA 72325087 | | | | | | |
| RUSSELLWAY MOGUL PIXIE-ET | USA 71500228 | | | | | | |
| RUSSELLWAY MOGUL POLLY-ET | USA 71500227 | | | C | | | |
| RUSSELLWAY MONTROSS BESS-ET | USA 73910286 | | | | | | |
| RUSSELLWAY MONTROSS BETH-ET | USA 73910283 | | | | | | |
| RUSSELLWAY MORGAN PAM-ET | USA 71500257 | | | C | | | |
| RUSSELLWAY NOMINEE LYDIA-ET | USA 73910235 | | | | | | |
| RUSSELLWAY NUMERO UNO DAWN | USA 73910234 | | | | | | |
| RUSSELLWAY OBSERVER MALI-ET | USA 71500187 | | | | | | |
| RUSSELLWAY OBSERVER MIKA-ET | USA 71500185 | | | | | | |
| RUSSELLWAY OBSERVER MIKI-ET | USA 71500186 | | | | | | |
| RUSSELLWAY OBSERVER RIYA-ET | USA 70818835 | | | | | | |
| RUSSELLWAY PEDRO ASHTON | USA 73910215 | | | C | | | |
| RUSSELLWAY PEDRO DASHANA | USA 73910220 | | | C | | | |
| RUSSELLWAY PLANET MAYA-ET | USA 66367797 | | | | | | |
| RUSSELLWAY PLANET MIA-ET | USA 66367798 | | | | | | |
| RUSSELLWAY PLANET PHOLLY | USA 72979438 | | | | | | |
| RUSSELLWAY PONDER ANGENI-ET | USA 73910232 | | | | | | |
| RUSSELLWAY PREDES DANIKA-ET | USA 72979419 | | | | | | 3 |
| RUSSELLWAY PREDESTINE BABS | USA 72979432 | | | | | | 3 |
| RUSSELLWAY PREDSTNE 1398-ET | USA 72854085 | | | | | | 3 |
| RUSSELLWAY PUNCH CAILYN | USA 71500217 | | | | | | |
| RUSSELLWAY PUNCH PHIALA | USA 71500224 | | | | | | |
| RUSSELLWAY PURE PALOMA | USA 73910252 | | | | | | |
| RUSSELLWAY RACER ABBY-ET | 840003127567564 | | | | | | |
| RUSSELLWAY RACER ABIYA-ET | USA 73910238 | | | | | | |
| RUSSELLWAY RACER ADDY-ET | 840003127567573 | | | | | | |
| RUSSELLWAY RACER AGGY-ET | 840003127567667 | | | | | | |
| RUSSELLWAY RACER ALLY-ET | 840003127567579 | | | | | | |
| RUSSELLWAY RACER AMMY-ET | 840003127567663 | | | | | | |
| RUSSELLWAY RAYAN MG 9150-ET | 840003129825923 | | | | | | |
| RUSSELLWAY SATCHEL-P RASHA | USA 72979441 | | | | | | |
| RUSSELLWAY SHAKSPEAR MACAWI | USA 73910287 | | | | | | |
| RUSSELLWAY SHAM DELIGHT-ET | USA 70818857 | | | | | | |
| RUSSELLWAY SHAM MAGGIE-TW | USA 70818859 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RUSSELLWAY SHAM MARLA-TW | USA 70818860 | | | | | | |
| RUSSELLWAY SHAMROCK ASHA-ET | USA 70818844 | | | | | | |
| RUSSELLWAY SHAMROCK RAVEN | USA 71500214 | | | | | | |
| RUSSELLWAY SHAMROCK RAYANN | USA 71500210 | | | | | | |
| RUSSELLWAY SHOTTLE ABILENE | USA 72979444 | | | | | | |
| RUSSELLWAY SHOTTLE RAYLYN | USA 72979447 | | | | | C | |
| RUSSELLWAY SHOTTLE RIONA-ET | USA 70818834 | | | | | C | |
| RUSSELLWAY SHTL EVELYN-ET | USA 69162613 | | | | | | |
| RUSSELLWAY SID LITA-ET | USA 74474285 | | | | | | |
| RUSSELLWAY SNOWMAN DASHA-ET | USA 70818845 | | | | | | 3 |
| RUSSELLWAY SNOWMAN REYNA-ET | USA 70818838 | | | C | | | |
| RUSSELLWAY SSIRE MONICA-ET | USA 72979457 | | | | | | |
| RUSSELLWAY SSIRE MONITA-ET | USA 72979456 | | | | | | |
| RUSSELLWAY SUPER AKIRA-ET | USA 70818849 | | | | | | |
| RUSSELLWAY SUPER ANIKA-ET | USA 70818847 | | | | | | |
| RUSSELLWAY SUPER DIVA-ET | USA 70818839 | | | | | | |
| RUSSELLWAY SUPERSIRE ELSIE | USA 71500244 | | | | | | |
| RUSSELLWAY SUPERSIRE KAYLA | USA 71500249 | | | | | | |
| RUSSELLWAY SUPERSIRE LAURA | USA 71500238 | | | | | | |
| RUSSELLWAY SUPERSIRE RATANA | USA 72979417 | | | | | | |
| RUSSELLWAY SUPERSIRE RAZ-ET | USA 71500250 | | | | | | |
| RUSSELLWAY SUPERSIRE RYO-ET | USA 71500253 | | | | | | |
| RUSSELLWAY SUPERSRE ANNA-ET | USA 72614462 | | | | | | |
| RUSSELLWAY WILLPWER RACHANA | USA 72979461 | C | | | | | 1 |
| RUSTLEWOOD CORABEL | USA 142099689 | | | | | | |
| RUSTLEWOOD SHOTTLE FILLY | USA 140148257 | | | | | C | |
| RUSTLEWOOD SHOTTLE JILL | USA 140298907 | | | | | C | |
| RUSTOWIL RDBR SELINE-RED-ET | USA 142421110 | | | | | | 1 |
| RUW ANTIK-ET | DEU 534991979 | | | | | | |
| RUW BARBEL-ET | DEU 535610225 | | | | | | |
| RUW BERTA-ET | DEU 535610229 | | | | | | |
| RUW LILO-ET | DEU 535610217 | | | | | | |
| RVH-ROSE CASHCOIN 3013 | 840003126224112 | | | | | | 1 |
| RVH-ROSE MAURICE 2954 | USA 73236668 | | | | | | |
| RVH-ROSE PREDESTINE 2925-TW | USA 73236639 | | | | | C | 3 |
| RVH-ROSE PREDESTINE 2926-TW | USA 73236640 | | | | | | 3 |
| RVH-ROSE ROYAL 2979 | USA 73236693 | | | | | C | |
| RVH-ROSE WINDY LOUISE-ET | USA 71730375 | C | | | | | |
| RWM SNOW ANGEL-ET | USA 69892630 | | | | | | |
| RY-BRED BLITZ CANDY | USA 140456660 | | | | | | |
| RY-BRED SPUR CAROLINA | USA 72616250 | | | C | | | |
| RYAN-CREST ARM EXQUISITE-ET | 840003009759647 | | | | | | |
| RYAN-CREST EXOTIC-ET | USA 141069890 | | | | | | |
| RYAN-CREST JACKMAN EMMY-SUE | 840003013864757 | | | | | | |
| RYAN-CREST OAK ELLANOR-ET | 840003013864754 | | | | | | |

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| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RYAN-CREST OAK ERSULLA-ET | 840003013864755 | | | | | | |
| RYAN-CREST OAK ETHEL-ET | 840003013864753 | | | | | | |
| RYAN-CREST OAK EYVONNE-ET | 840003013864756 | | | | | | |
| RYAN-CREST S EVANIA CRI-ET | USA 68767217 | | | | | | |
| RYAN-CREST SANZ EXTACY-ET | USA 140208294 | | | | | | |
| RYAN-CREST SHAMROCK EXACTO | 840003009759645 | | | | | | |
| RYAN-CREST SID EQUATOR | 840003128812571 | | | | | | |
| RYAN-CREST SROCK EXCITNG-ET | 840003009759646 | | | | | | |
| RYAN-CREST UNO EXACTLY-ET | 840003011492000 | | | | | | |
| RYAN-GEIGER A RISING STAR | USA 141069854 | | | | | | |
| RYAN-GEIGER DURHAM RADIANT | USA 136695381 | | | | | | |
| RYAN-GEIGER GOLDSUN RAINY | USA 142523979 | | | | | | |
| RYAN-GEIGER GWATWD REACTION | USA 142207851 | | | | | | |
| RYAN-GF BRADY CALIBRATE-ET | 840003128812583 | | | | | | |
| RYAN-MVLOO BEEMER RAPTURE | 840003128812573 | | | | | | |
| RYAN-VU ATTIC DANTY | USA 142314443 | | | | | | |
| RYAN-VU ATTIC NARLEY | USA 142314407 | | | | | | |
| RYAN-VU ATWOOD ARROWHEAD | USA 142207879 | | | | | | |
| RYAN-VU BAMA DEE-DEE-RED-ET | USA 142147775 | | | | | | |
| RYAN-VU BAMA DEMON-RED | USA 142193048 | | | | | | |
| RYAN-VU BAMA DESTIN-RED-ET | USA 142147784 | | | | | | |
| RYAN-VU BEEMER RAIN DROP | 840003128812576 | | | | | | 1 |
| RYAN-VU BRAXTON NASCAR-ET | USA 142818291 | | | | | | |
| RYAN-VU CANYON MACHO | USA 136828570 | | | | | | 3 |
| RYAN-VU CLOUDNINE DEVAL-RED | 840003128812568 | | | | | | |
| RYAN-VU DOORMAN RAILROAD-ET | 840003128812580 | | | | | | |
| RYAN-VU DURHAM EXCELLERATE | USA 136142089 | | | | | | |
| RYAN-VU ERSKINE ANACONDA | USA 142314386 | C | | | | | |
| RYAN-VU GIBSON BEYONCE-ET | USA 135126246 | | | | | | |
| RYAN-VU GOLDSUN ROCKET | USA 142521285 | | | | | | 1 |
| RYAN-VU GUTHRIE ABSTAIN | USA 142450688 | | | | | | |
| RYAN-VU HERO DETRACT | USA 142314425 | | | | | | |
| RYAN-VU LOU ELLA | USA 139607231 | | | | | | |
| RYAN-VU MALONE DECEIVE-RED | 840003124063827 | | | | | | |
| RYAN-VU NORMA | USA 123672973 | | | | | | |
| RYAN-VU PONTIAC COURSAGE | USA 142314416 | | | | | | |
| RYAN-VU REGIN RAZ A TAZ | USA 142523988 | | | | | | |
| RYAN-VU REGINALD CHASSITY | USA 142207860 | | | | | | |
| RYAN-VU REGINALD EMBLEM | USA 142656794 | | | | | | |
| RYAN-VU RTIME DENALI-RED-ET | USA 142007983 | | | | | | |
| RYAN-VU SANCHEZ BRISK | USA 142523951 | | | | | | |
| RYAN-VU SANCHEZ IONA | USA 140882195 | | | | | | |
| RYAN-VU SANCHEZ NABISCO-ET | USA 140882029 | | | | | | |
| RYAN-VU SID MOLLY | USA 141896425 | | | | | | |
| RYANSTEAD CVAL 9280383 | USA 15899126 | | | | | | |

# Cows' status for haplotypes impacting fertility on the records of Holstein Association USA, Inc. as of 04/11/2016 (Blank=Tested-Free, C=Carrier) Use CTRL-F to search



| Name | Registration | HH1 | HH2 | HH3 | HH4 | HH5 | HCD |
|---|---|---|---|---|---|---|---|
| RYND-HOME BOLTON GLITTER-ET | USA 65974294 | | | | | | |
| RYND-HOME EPIC GREY GOOSE | USA 71818834 | | | | | | |
| RYND-HOME NEW JERSEY LEXI | USA 61748781 | | | | | | |
| RYNDA-RANCH CABRIOLE TINKER | USA 143067054 | | | | | | |
| RYNDA-RANCH CABRIOLET KYLEE | USA 143066482 | | | | | | |
| RYNDA-RANCH DENVER DASHA | USA 143469025 | | | | | | |
| RYNDA-RANCH OAK KOKAMO | USA 143067063 | | | | | | |
| RYNSTONE ARMITAGE LALA | USA 70282143 | | | | | | |
| RZG JUEIKA 699 | DEU 663507928 | | | | | | 1 |
| RZH LYNN-ET | DEU 666062414 | | | | | | |
| RZN SHILA-ET | DEU 769953853 | | | | | | |