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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S&A-ZEISET KITCHEN	USA 142605510	C					
S&E BUCKEYE POLLY	USA 64120237						
S&E ELMO PROMIS	USA 64120289					C	
S&H REDLINER SARAH-ET	840003012142048						1
S&S-ROCKYRIDGE AMBERLAYNE	840003013762645						1
S&S-ROCKYRIDGE JAKIN MYSTIC	USA 61895914						
S&S-ROCKYRIDGE NAVY MAXIN	USA 72031861						
S-BAHL NITELIGHT	USA 70962316						
S-CREEKACRES HEARTSTINY-ET	USA 142325414						
S-D-E OUTSIDE JOY	USA 136773508		C				
S-F-I AJ CORRA	USA 142881695						
S-F-I ATWOOD ROSELLA	USA 142881716					C	
S-F-I DAMION ALRIGHT	USA 56488383						
S-F-I SANCHEZ TRINITY	USA 142881565						
S-FINE 3403 D-MAN DULUTH-ET	USA 66997694						
S-FINE 3846 SUPERIORSANCHEZ	USA 70084875						
S-FINE 4493 HERO HEATHER	USA 71978560						
S-FINE 4590 GOLD CHIP GAGA	USA 71978657	C					
S-FINE 4596 CROWN CARRISA	USA 71978663			C			
S-FINE 4600 MOWRY MADDIE	USA 71978667	C					
S-FINE 4605 HEFTY HAPPY	USA 72505288					C	
S-FINE 4608 GILLESPY GOTCHA	USA 72505291						
S-FINE 4613 ZELGADIS ZELOT	USA 72505296						
S-FINE 4614 ATLANTIC ADISON	USA 72505297						
S-FINE 4617 HERO HELENA	USA 72505300						
S-FINE 4636 BEACON	USA 72505319					C	
S-FINE 4638 GABOR GINGER	USA 72505321						
S-FINE 4642 ZELGADIS ZETA	USA 72505325						
S-FINE 4643 CROWN CALIE	USA 72505326						1
S-FINE 4646 AFTERSHOCK AGGI	USA 72505329						
S-FINE 4655GOLD CHIP GODIVA	USA 72505338						
S-FINE 4657SANCHEZ SPLENDOR	USA 72505340						
S-FINE 4658 HERO HOPE	USA 72505341						
S-FINE 4659 BRAXTON BUBBA	USA 72505342						
S-FINE 4679 GABOR GRETCHEN	USA 72505362						
S-FINE 4684 GABOR GLADYS	USA 72505367						
S-FINE 4698 HAVARTI HELGA	USA 72505381						
S-FINE 4699 PALERMO PRESCOT	USA 72505382	C					
S-FINE 4704 FEVER FRET	USA 72874160						
S-FINE 4710 METAL MANIA	USA 72874166	C					
S-FINE 4823 BRXTN BERLIN-ET	USA 73207048						
S-FINE 4859 CAITLYNN	USA 73207084						
S-FINE 5055 DISTNT DEMIN-ET	840003125217844						
S-FINE BOLTON 2720 BANANAS	USA 64628724						
S-FINE ELDRIGE 2112 DREW	USA 62293040						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-GAMBO ADDICTION HAZE	840003128780225						
S-GAMBO MOGUL CIWI	840003128780226						
S-HILL-SIDE BOLTON OPAL	USA 63373500						
S-HILL-SIDE BOLTON OPHELIA	USA 68577798						
S-HILL-SIDE LEWIS OPALINA	USA 68577845						
S-HILL-SIDE MAMMOTH OCTAVIA	USA 71080908						
S-HILL-SIDE ROY OCEANNE	USA 68577760						
S-HILLTOP AFTERSHOCK 1316	USA 73861289						
S-HILLTOP BRADELL 1168	USA 69610875						
S-HILLTOP GAMEDAY 1315	USA 73861288						
S-N-T KINGBOY DIXIE	USA 74552901						
S-N-T LADD P ELSIE	USA 72834547						1
S-P-B GABOR MOLLY	USA 68874421						
S-PIERCELANE ARD MINT-RED	USA 73576965						3
S-PIERCELANE BRAX LISA	USA 70478944						
S-PIERCELANE BRET PRISCILLA	USA 73576959						
S-PIERCELANE CASH DELTA-RED	USA 73576960						
S-PIERCELANE CT COCONUT-RED	USA 73576957						
S-PIERCELANE DEB CHERRY-RED	USA 70478938						1
S-PIERCELANE DOM PEANUT	USA 73576954						
S-PIERCELANE DOM SHANIA	USA 73576956						
S-PIERCELANE SAN ELEANOR	USA 70478940						
S-PIERCELANE SAN PRINCESS	USA 70478943						
S-PIERCELANE SHUR-LA	USA 70478939						
S-PINE-LAWN ATLNTC CATALIN	840003126256404						
S-PINE-LAWN ATWD BAMBOO-ET	840003126256397						
S-PINE-LAWN G CHIP NOVA-ET	USA 72091524						
S-PINE-LAWN NATASHA-ET	USA 70599988						
S-S-D A-P RORI 198-ET	USA 141890652			C			
S-S-D AMY DIST 329	USA 73387495			C			
S-S-D ANN STOIC 323	USA 73387489						
S-S-D CASTRM PET-RK	USA 73387451						
S-S-D EX-CUSE 330	USA 73387496						
S-S-D LEVI APLUS 316	USA 73387482						
S-S-D MASS BULLDOZER 297	USA 73387463						
S-S-D MASSEY DAWN 270	USA 73387436						
S-S-D MISS APRIL 326	USA 73387492						
S-S-D MOGUL J-LO 342	USA 73387508						
S-S-D MT ROSE 337	USA 73387503						
S-S-D PET-CASS 273	USA 73387439						
S-S-D PLUTO BEAGLE 338	USA 73387504						
S-S-D PONDER MY LUCK 333	USA 73387499						
S-S-D RO-BUST ALICE 327	USA 73387493						
S-S-D SLICK WILLIE 331	USA 73387497						
S-S-D SU ABBEY 250	USA 142861637			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-D TAMMY EM 348	USA 73387514	C					
S-S-D TARY MASS 700	USA 62364729						
S-S-D ZELDA CUSE 349	USA 73387515						
S-S-D ZOLA DE-252	USA 142858495						
S-S-I 10-P SHERIFF MARQUEE	840003130797452			C		C	
S-S-I 1SCLS FINESE 11171-ET	840003128364975					C	
S-S-I 1STCLAS FLIRT 9639-ET	840003125325529						
S-S-I 1STCLASS AVA 9620-ET	840003125325510						
S-S-I 1STCLS ADISON 9618-ET	840003125325508						
S-S-I 1STCLS AMERY 9610-ET	840003125325500						
S-S-I 1STCLS AMY 9617-ET	840003125325507						
S-S-I 1STCLS AUDREY 9628-ET	840003125325518						
S-S-I 1STCLS FERGI 11160-ET	840003128365001						
S-S-I 1STCLS MAISY 11144-ET	840003127943682					C	
S-S-I 1STCLS MAURA 9612-ET	840003125325502						
S-S-I 1STCLS MAYA 11148-ET	840003127943680					C	
S-S-I 1STCLS NAOMI 11149-ET	840003127943699			C		C	
S-S-I 1STCLS SOFIA 11143-ET	840003127943688					C	
S-S-I 1STCLSS SAGE 11145-ET	840003127943683						
S-S-I ADAM MARTHA 8821-ET	840003011538220						
S-S-I ADAM MOJO 8788-ET	840003011538187			C			
S-S-I ADAM MURIEL 8799-ET	840003011538198			C			
S-S-I AFRCA BRANDI 11082-ET	840003126822686						
S-S-I AFRCA BRENNA 11097-ET	840003126822768						
S-S-I AFRCA BRIANA 11091-ET	840003126822732						
S-S-I AFRCA BRIELLA11094-ET	840003126822773						
S-S-I AFRICA BREE 11090-ET	840003126822733						
S-S-I AICON 10060 11417-ET	840003130641575						
S-S-I AICON 10060 11432-ET	840003130641564						
S-S-I AICON 10060 11433-ET	840003130641571						
S-S-I AICON 10198 11539-ET	840003133370835						
S-S-I AICON 10198 8963-ET	840003012130232						
S-S-I AICON 8679 11416-ET	840003130641784						
S-S-I AICON 8679 11435-ET	840003130641994					C	
S-S-I AICON ALEXA B 9917-ET	840003128910322						
S-S-I AICON ALEXA B 9919-ET	840003128910324						
S-S-I AICON MARELDA 7011-ET	840003131003090						
S-S-I AICON MARELDA 7014-ET	840003131003093						
S-S-I AICON MARELDA 7015-ET	840003131003094						
S-S-I AICON MARELDA 7022-ET	840003131003101						
S-S-I ALCO 10233 11562-ET	840003133361951			C			
S-S-I ALCO 10465 11547-ET	840003133370875			C			
S-S-I ALCO 10465 11555-ET	840003133361956			C			
S-S-I ALCO 9112 7209-ET	840003131003288					C	
S-S-I ALDA FAMILY 8936-ET	840003012130205						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I ALDA LAURYN 9125-ET	840003012130394						
S-S-I ALDA LIZBETH 9118-ET	840003012130387						
S-S-I ALDA STOCKTON 9156-ET	840003012130425			C			
S-S-I ALDA WINNIE 9110-ET	840003012130379						
S-S-I ALDDN 8042 10610-ET	840003123600927			C			
S-S-I ALTAOAK 7392 10125-ET	840003013177480						
S-S-I ALTAOAK 7576 10135-ET	840003013177264						
S-S-I ALTAOAK 7577 10198-ET	840003013923950						1
S-S-I ALTAOAK 8047 10130-ET	840003013177274						
S-S-I ALTAOAK 8054 10132-ET	840003013177522						
S-S-I ALTAOAK 8055 10133-ET	840003013177523						
S-S-I ALTAOAK 8943-ET	840003012130212						
S-S-I ALTAOAK 8944-ET	840003012130213						
S-S-I ALTAOAK 8945-ET	840003012130214						
S-S-I ANCHORMAN 17038	840003134762752						
S-S-I ANCHORMAN 17050	840003134762764					C	
S-S-I ANDER FRAN 8715-ET	840003011538114						
S-S-I ANDER FRITZI 8703-ET	840003011538102						
S-S-I ANDER MATTIE 8723-ET	840003011538122						
S-S-I ANDERS FRANKY 8692-ET	840003011538091						
S-S-I ANDERSON FAWN 8626-ET	840003011001530						
S-S-I ANDERSON MAREN8707-ET	840003011538106			C			
S-S-I ANDERSON MYA 8699-ET	840003011538098						
S-S-I ANDERSON SHONA8658-ET	840003011538057						
S-S-I APPLS SASHA 8125-ET	840003009554648						
S-S-I ARIWAMI DEAN DESIGN	USA 72399790						
S-S-I ARIWAMI HDLNR TRESSA	USA 72399791						
S-S-I ARIWAMI OLEGANT DUSTY	USA 72678289						
S-S-I ARIWAMI PETR BARBIE	USA 72225390						
S-S-I ARSENIO SICILY7894-ET	840003009554417						
S-S-I ARSENIO STORY 7904-ET	840003009554427						
S-S-I ART MYRANDA 8797-ET	840003011538196						
S-S-I ASPEN BRAXTON 8704-ET	840003011538103						
S-S-I ASPEN MILA 8518-ET	840003011001422						
S-S-I ASPEN PAISLEY 8385-ET	840003011001289						
S-S-I ASPEN PAPINA 8387-ET	840003011001291						
S-S-I ASPEN PATRICIA8390-ET	840003011001294						
S-S-I ASPEN PEGGY 8394-ET	840003011001298						
S-S-I ASPEN SAKTI 8383-ET	840003011001287						
S-S-I ASPEN SECILIA 8416-ET	840003011001320						
S-S-I ASPEN SEMA 8417-ET	840003011001321						
S-S-I ASPEN SHARLA 8632-ET	840003011001536						
S-S-I ASPEN SHAWNTA 8633-ET	840003011001537	C					
S-S-I ASPEN SHEREE 8647-ET	840003011001551	C					
S-S-I ASPEN SIBLEY 8668-ET	840003011538067						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I ASPEN WILLIE 8499-ET	840003011001403						
S-S-I ASPEN WYNONNA 8514-ET	840003011001418						
S-S-I AURORA PLUTO 15867	840003126918891						
S-S-I AVE 7202 10002-ET	840003012559783			C			
S-S-I AVE 7202 10005-ET	840003012559793			C			
S-S-I AVE 7271 10008-ET	840003012559800						
S-S-I AVE 7271 10017-ET	840003012559820						
S-S-I AVE LAURIE 9214-ET	840003012130483						
S-S-I AVE MARINA 10003-ET	840003012559789						
S-S-I AVE ORSA 9235-ET	840003012130504						
S-S-I AVEN CHAYTON 8935-ET	840003012130204						
S-S-I AVENUE CHAYTO 8930-ET	840003012130199						
S-S-I AVERY 6038	USA 71129113			C			1
S-S-I AVERY DOSSIE	840003009531831						
S-S-I AVERY EMILY 7672-ET	840003008897685			C			
S-S-I AVERY EMMA 7671-ET	840003008897684			C			1
S-S-I AVERY ENGLAND 7683-ET	840003008897696			C			1
S-S-I AVERY MEDDZ 7629-ET	840003008897642			C			1
S-S-I AVERY MISSOURI7638-ET	840003008897651			C			
S-S-I AVERY SHANNON 7641-ET	840003008897654		C	C			
S-S-I AVERY SHERATON7659-ET	840003008897672						1
S-S-I B-HIDDENHILLS 2426	840003126025257						
S-S-I BALST 8526 10812-ET	840003125202017						
S-S-I BAYNT MARIZA 11200-ET	840003127943702						
S-S-I BAYNT MIRABEL11215-ET	840003128769213						
S-S-I BAYONET MAE 11221-ET	840003128769225			C			
S-S-I BAYONT GRETA 11213-ET	840003128769215						
S-S-I BAYONT MAISY 11224-ET	840003128769175						
S-S-I BAYT MERDITH 11210-ET	840003128769251						
S-S-I BEACON GALLOP 7314-ET	840003008328712						
S-S-I BEACON GATE 7332-ET	840003008328730						
S-S-I BEACON GREDADA7267-ET	840003008328665						
S-S-I BEACON L A 7328-ET	840003008328726						
S-S-I BEACON LAFITTE7282-ET	840003008328680						
S-S-I BEACON LAROSE 7281-ET	840003008328679						1
S-S-I BEN NEPTUNE 7896-ET	840003009554419						
S-S-I BENATAR ASHES 7900-ET	840003009554423						
S-S-I BENATAR TESSY 7860-ET	840003009554383						
S-S-I BETRAY HALLIE 8419-ET	840003011001323						
S-S-I BETRAY HARRIET8482-ET	840003011001386						
S-S-I BETRAY HEATHER8470-ET	840003011001374						
S-S-I BETRAY HUNTER 8484-ET	840003011001388						
S-S-I BG AICON 8777 7442-ET	840003130466145						
S-S-I BG ALC 10582 15012-ET	840003133120277						
S-S-I BG ANC 10100 15029-ET	840003133120294						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I BG ANC 10100 15030-ET	840003133120295						
S-S-I BG ANC 10100 15032-ET	840003133120297						
S-S-I BG ANC 10100 15033-ET	840003133120298						
S-S-I BG CRK 10100 15016-ET	840003133120281						
S-S-I BG CRK 10498 15010-ET	840003133120275						
S-S-I BG CRK 10498 15011-ET	840003133120276						
S-S-I BG CRK 10633 15013-ET	840003133120278						
S-S-I BG CRK 10633 15014-ET	840003133120279						
S-S-I BG DMRS 8828 7423-ET	840003130466126						
S-S-I BG DMRS 8828 7425-ET	840003130466128						
S-S-I BG DMRS 8828 7434-ET	840003130466137						
S-S-I BG DRW 10776 15020-ET	840003133120285						
S-S-I BG ENT 10429 15018-ET	840003133120283			C			
S-S-I BG ENT 10465 15019-ET	840003133120284			C			
S-S-I BG FOX 10233 7468-ET	840003130466171						
S-S-I BG HGY 10616 15031-ET	840003133120296						
S-S-I BG HMRN 10380 7414-ET	840003130466117						
S-S-I BG HNZ 10763 15094-ET	840003133120359						
S-S-I BG HNZ 10763 15096-ET	840003133120361						
S-S-I BG HNZ 10852 15034-ET	840003133120299						
S-S-I BG HNZ 10852 15054-ET	840003133120319						
S-S-I BG HUT 10718 15063-ET	840003133120328						
S-S-I BG JED 10375 15097-ET	840003133120362					C	
S-S-I BG JED 10429 15058-ET	840003133120323					C	
S-S-I BG JED 10647 15089-ET	840003133120354					C	
S-S-I BG MAINE10116 7631-ET	840003131910682						
S-S-I BG MDG 10616 15090-ET	840003133120355						
S-S-I BG MDG 10616 15093-ET	840003133120358						
S-S-I BG MLNGTN103157552-ET	840003131910603						
S-S-I BG MLNGTN103297546-ET	840003131910597						
S-S-I BG MLNTN10315 7540-ET	840003131910591						
S-S-I BG MLNTN10329 7558-ET	840003131910609			C			
S-S-I BG MOOS 10731 7613-ET	840003131910664						
S-S-I BG MOTGA10233 7643-ET	840003131910694			C			
S-S-I BG MSCAL 9150 7432-ET	840003130466135						
S-S-I BG MSCAL 9215 7418-ET	840003130466121						
S-S-I BG MSCAL 9215 7422-ET	840003130466125						
S-S-I BG MSCAL 9215 7437-ET	840003130466140			C			
S-S-I BG OCN 10721 7615P-ET	840003131910666					C	1
S-S-I BG OCT 10358 15036-ET	840003133120301						
S-S-I BG OCT 10358 15050-ET	840003133120315						
S-S-I BG OCT 10616 15062-ET	840003133120327						
S-S-I BG OCT 10794 15048-ET	840003133120313						
S-S-I BG PRF 10748 15017-ET	840003133120282						
S-S-I BG PRFT 10358 7614-ET	840003131910665						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I BG RBN 10270 15015-ET	840003133120280						
S-S-I BG SHRP 10378 7619-ET	840003131910670						
S-S-I BG SHRP 10378 7620-ET	840003131910671						
S-S-I BG SHRPA10306 7561-ET	840003131910612						
S-S-I BG SLVR 10358 7498-ET	840003130466201						
S-S-I BG SLVR 10429 7482-ET	840003130466185			C			
S-S-I BG TPG 10233 15098-ET	840003133120363						
S-S-I BG TPG 10616 15055-ET	840003133120320						
S-S-I BG TPG 10616 15059-ET	840003133120324						
S-S-I BG TPG 10616 15060-ET	840003133120325						
S-S-I BG TPG 10696 15056-ET	840003133120321						
S-S-I BG TPG 10696 15061-ET	840003133120326						
S-S-I BG TPG 10804 15051-ET	840003133120316						
S-S-I BG TPG 10852 15092-ET	840003133120357						
S-S-I BG TPGN 9112 15053-ET	840003133120318						
S-S-I BIG FLIRT 7058-ET	840003004672668						
S-S-I BIG GUN FAITH 7045-ET	840003006972820						
S-S-I BLIZZ MARIBEL 9151-ET	840003012130420			C			
S-S-I BLIZZ MICKI 9172-ET	840003012130441						
S-S-I BLIZZARD 9142-ET	840003012130411						
S-S-I BLIZZARD 9176-ET	840003012130445						
S-S-I BLIZZARD BLU 9138-ET	840003012130407						
S-S-I BLIZZARD MYLA 9160-ET	840003012130429						
S-S-I BOBS MANICURE	840003012506553			C			
S-S-I BOOK MERAUX 7286-ET	840003008328684						
S-S-I BOOK MERRYDALE7277-ET	840003008328675						
S-S-I BOOK MORGANZA 7283-ET	840003008328681						
S-S-I BOOKEM DAMARIS7288-ET	840003008328686						
S-S-I BOOKEM FERGIE 7204-ET	840003007701859						
S-S-I BOOKEM GOLETA 7255-ET	840003008328653						
S-S-I BOOKEM GOSHEN 7199-ET	840003007701854						
S-S-I BOOKEM MAGALY 7296-ET	840003008328694						
S-S-I BOOKEM MANNY 7202-ET	840003007701857			C			
S-S-I BOOKEM MARINA 7271-ET	840003008328669						
S-S-I BOOKEM MODESTO7269-ET	840003008328667					C	
S-S-I BOOKEM WILTON 7273-ET	840003008328671						
S-S-I BOWSER TWEET 7222-ET	840003007701877						
S-S-I BOWSR TWITTER 7209-ET	840003007701864						
S-S-I BOWSR WHISPER 7054-ET	840003004672664						
S-S-I BRAN BARBRA 8344-ET	840003011001248						
S-S-I BRAN BERKLEY 8358-ET	840003011001262					C	
S-S-I BRAN BETHANI 8437-ET	840003011001341					C	
S-S-I BRAN CALANDRA 8363-ET	840003011001267					C	
S-S-I BRAN CAMEO 8365-ET	840003011001269						
S-S-I BRAN FABIA 8342-ET	840003011001246						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I BRAN FATIMA 8349-ET	840003011001253					C	
S-S-I BRAN FEODORA 8364-ET	840003011001268					C	
S-S-I BRAN FLORENCE 8380-ET	840003011001284						
S-S-I BRAN FLOWER 8321-ET	840003011001225						
S-S-I BRAN SARALYN 8406-ET	840003011001310						
S-S-I BRAN TWITTER 8309-ET	840003011001213						
S-S-I BRAN TWITTER 8313-ET	840003011001217					C	
S-S-I BRAN WADD 8334-ET	840003011001238						
S-S-I BRANSON DREAM 6515	USA 72190595					C	
S-S-I BRODIE 10233 7170-ET	840003131003249						
S-S-I BRODIE 10270 7171-ETS	840003131003250					C	
S-S-I BRODIE 10270 7172-ETS	840003131003251					C	
S-S-I BRONCO LYRIC	USA 141087931			C			
S-S-I BURTON ALEX 7746-ET	840003008897759						
S-S-I BURTON BASMA 7534-ET	840003008328932						
S-S-I BURTON BRINDA 7714-ET	840003008897727						
S-S-I BURTON BUTTER 7695-ET	840003008897708						
S-S-I BURTON DANDY 7789-ET	840003008897802						
S-S-I BURTON SADLER 7504-ET	840003008328902						
S-S-I BURTON SAMMY 7384-ET	840003008328782						
S-S-I BURTON SANTANA7500-ET	840003008328898						
S-S-I BURTON SAXON 7385-ET	840003008328783						
S-S-I BURTON SHEEN 7551-ET	840003008897564		C				
S-S-I BUTLER 8371 10773-ET	840003124584699					C	
S-S-I BUTLER 8654 10802-ET	840003124584722						
S-S-I BUTLER 8732 10800-ET	840003125202012						
S-S-I BUTLER 9477-ET	840003125325367						
S-S-I BUTLER 9481-ET	840003125325371						
S-S-I CAESAR DEBRA 9035-ET	840003012130304						
S-S-I CAESAR DEMI 9039-ET	840003012130308						
S-S-I CAMERON MIRA 8154-ET	840003009554677						
S-S-I CAMERON MIRA 8155-ET	840003009554678						
S-S-I CAMERON MIRA 8156-ET	840003009554679						
S-S-I CAMERON MIRA 8157-ET	840003009554680						
S-S-I CAMERON MIRA 8158-ET	840003009554681						
S-S-I CAMERON MIRA 8160-ET	840003009554683						
S-S-I CAMERON SATIN	840003011148154						
S-S-I CASH MARIAM 9251-ET	840003012130520					C	1
S-S-I CASH MARRIM 9225-ET	840003012130494						
S-S-I CASH MARTINA 9239-ET	840003012130508						1
S-S-I CASH MEAGHAN 9242-ET	840003012130511						1
S-S-I CASH MEDEA 9243-ET	840003012130512						
S-S-I CASH MELINA 9234-ET	840003012130503						1
S-S-I CASH MONEY 9227-ET	840003012130496						
S-S-I CASH MOVES 9229-ET	840003012130498						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
S-S-I CASH MYLENE 9238-ET	840003012130507						1
S-S-I CASH OPTION 9246-ET	840003012130515						1
S-S-I CASHCN 7368 10031-ET	840003012559843						
S-S-I CASHCN 7388 10015-ET	840003012559815					C	
S-S-I CASHCN 7388 10018-ET	840003012559821						
S-S-I CASHCN 7388 10064-ET	840003012559927						
S-S-I CASHCN 7388 10079-ET	840003012560006					C	
S-S-I CASHCN 7388 10087-ET	840003012560037						
S-S-I CASHCN 7894 10010-ET	840003012559805						
S-S-I CASHCN 7913 10009-ET	840003012559803						
S-S-I CASHCN MESA 10086-ET	840003012560034					C	
S-S-I CASHCN ZELDA 10035-ET	840003012559855						1
S-S-I CASHCN ZOEY 10060-ET	840003012559918						
S-S-I CASHCOIN MESA 9236-ET	840003012130505						1
S-S-I CASPAN DAMICA 9641-ET	840003125325531						
S-S-I CASPAN PANDA 11122-ET	840003127943730			C			
S-S-I CASPIAN 515	840003127408299					C	
S-S-I CASPIAN 551	840003127408335						
S-S-I CASPIAN 6608 9492-ET	840003125325382						
S-S-I CASPIAN 8526 10877-ET	840003124584872						
S-S-I CASPIAN 9484-ET	840003125325374						
S-S-I CASPIAN DAISY 9630-ET	840003125325520						
S-S-I CASPIAN LULU 10929-ET	840003125613903						
S-S-I CASPIN DAMITA 9701-ET	840003128459578			C			
S-S-I CASPIN DANICA 9643-ET	840003125325533			C			
S-S-I CASPN MALYSA 9604-ET	840003125325494						
S-S-I CASPN MARNA 9598-ET	840003125325488					C	
S-S-I CATALYST 4343-ET	USA 73366186						
S-S-I CATALYST 4344-ET	USA 73366187						
S-S-I CHEROLT 8355 10698-ET	840003123886104						
S-S-I CHEV 8290 10682-ET	840003124584836						
S-S-I CHEV 8336 10690-ET	840003123886091						
S-S-I CHEV 8336 10697-ET	840003123886100						
S-S-I CHEV 8379 10686-ET	840003123886094						
S-S-I CHEV 8395 10695-ET	840003124584710						
S-S-I CHEV 8395 10704-ET	840003123886043						
S-S-I CHIP LACOLE 7543-ET	840003008328941						
S-S-I CHIP LARKIN 7527-ET	840003008328925						
S-S-I CIVL MADISON 11126-ET	840003127943662						
S-S-I CLARTA DANIA 8487-ET	840003011001391						
S-S-I CLARTA DAPHNE 8502-ET	840003011001406						
S-S-I CLARTA MERYL 8545-ET	840003011001449						
S-S-I CLARTA MUZETT 8670-ET	840003011538069						
S-S-I CLARTA SHANTAL8475-ET	840003011001379			C			
S-S-I CLEMENT MERCI 8007-ET	840003009554530						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I CLEMENT MERCI 8009-ET	840003009554532						
S-S-I CLEMENT MERCI 8010-ET	840003009554533			C			
S-S-I CLEMENT MERCI 8012-ET	840003009554535						
S-S-I CLEMENTE LUXY 7987-ET	840003009554510						
S-S-I CLEMENTE SOUL 8015-ET	840003009554538			C			
S-S-I CM ALISHANTI 7996-ET	840003009554519						
S-S-I CMPLX BRAZILLA7517-ET	840003008328915						
S-S-I COBRA DANNAH 7617-ET	840003008897630						
S-S-I COBRA DAWSON 7623-ET	840003008897636						
S-S-I COBRA MADELYN 7619-ET	840003008897632			C			
S-S-I COBRA MADIGAN 7614-ET	840003008897627						
S-S-I COBRA SHEPARD 7731-ET	840003008897744						
S-S-I COBRA SIMPSON 7719-ET	840003008897732			C			
S-S-I COBRA SUNDOWN 7715-ET	840003008897728			C			
S-S-I COLT BANDANA 7378-ET	840003008328776						
S-S-I COLT BECKETT 7386-ET	840003008328784						
S-S-I COLT BUTTERCUP7501-ET	840003008328899						
S-S-I COLT SABIN 7720-ET	840003008897733						
S-S-I COLT SHOEMAKER7745-ET	840003008897758						
S-S-I COLT STOOKEY 7733-ET	840003008897746						
S-S-I COLT STRAWSER 7725-ET	840003008897738						
S-S-I COMPLEX BAINA 7508-ET	840003008328906						
S-S-I COMPLEX BAMM 7503-ET	840003008328901						
S-S-I COMPLEX LEEONA7552-ET	840003008897565						
S-S-I COMPLEX LILLY 7515-ET	840003008328913						
S-S-I COMPLEX LIZ 7562-ET	840003008897575						
S-S-I CONSTANTINE O 7628-ET	840003008897641						
S-S-I COSMO 68 SOSA 8628-ET	840003011001532						
S-S-I COSMO TABATHA 8548-ET	840003011001452		C				
S-S-I COURAGE MINX 9011-ET	840003012130280					C	
S-S-I COURGS MARY 9009-ET	840003012130278						
S-S-I COURGS MAY 9006-ET	840003012130275						
S-S-I CRANK 10365 7159-ET	840003131003238						
S-S-I CRBTREE 7763 10587-ET	840003123600759						
S-S-I CRBTREE 7763 10614-ET	840003123600866						
S-S-I CRBTREE 8102 10702-ET	840003123886046						
S-S-I CRBTREE 8102 10707-ET	840003123886057						
S-S-I CRBTREE 8102 10712-ET	840003123886065						
S-S-I CRBTREE 8215 10543-ET	840003123600725						
S-S-I CRBTREE 8440 9297-ET	840003012130566			C			
S-S-I CRBTREE 8452 10597-ET	840003123885836						
S-S-I CRBTREE 8526 10696-ET	840003123886105						
S-S-I CRNKIT 10397 11601-ET	840003133371419						
S-S-I CRNKIT 10397 11607-ET	840003133371296						
S-S-I CSPN PANDORA 11110-ET	840003127943831			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
S-S-I CY HALLIE 9581-RED-ET	840003125325471						
S-S-I CY HATTIE 9561P RC-ET	840003125325451						
S-S-I CY HOLLY 9575-P RC-ET	840003125325465						
S-S-I DADDY EARTHA 8461-ET	840003011001365		C				
S-S-I DADDY ELAINA 8488-ET	840003011001392						
S-S-I DADDY GENA 8392-ET	840003011001296		C				
S-S-I DADDY KACEY 8471-ET	840003011001375						
S-S-I DADDY KAITLYN 8490-ET	840003011001394		C				
S-S-I DADDY MEHIRA 8768-ET	840003011538167		C				
S-S-I DADDY PERLA 8400-ET	840003011001304		C				
S-S-I DADDY PITA 8447-ET	840003011001351						
S-S-I DADDY PRIMA 8452-ET	840003011001356						
S-S-I DADDY SAMANTHA8398-ET	840003011001302	C					
S-S-I DAMARIS 439	840003013659524						
S-S-I DAMARIS 6730 9905-ET	840003128910310						
S-S-I DAMARIS GEM 11013-ET	840003126822841						
S-S-I DAMARIS GEMMA11014-ET	840003126822843						
S-S-I DAMARIS GLAM 11064-ET	840003126218643						
S-S-I DAMARIS GLOW 11066-ET	840003126822839						
S-S-I DAMARIS GWEN 9883-ET	840003128910288						
S-S-I DAMARIS JEWEL 9740-ET	840003128459539						
S-S-I DAMARIS JORAY 9727-ET	840003128459552						
S-S-I DAMARIS MAE 11151-ET	840003126822753					C	
S-S-I DAMARIS UNITY 9775-ET	840003128910180						
S-S-I DAMARIS URI 9708-ET	840003128459571						
S-S-I DAMARIS YAARA 9835-ET	840003128910240						
S-S-I DAMARS ASHLEY 9710-ET	840003128459569						
S-S-I DAMARS BRINA 10995-ET	840003126218617						
S-S-I DAMARS BROOK 11020-ET	840003126822823						
S-S-I DAMARS DAPHNE11218-ET	840003128769186						
S-S-I DAMARS GLORIA 9889-ET	840003128910294						
S-S-I DAMARS GLORIA 9891-ET	840003128910296						
S-S-I DAMARS GRACE 10991-ET	840003126218706						
S-S-I DAMARS JULIET 9739-ET	840003128459540						
S-S-I DAMARS MIDAS 11034-ET	840003126218668						
S-S-I DAMARS MISSY 10975-ET	840003126218636						
S-S-I DAMARS URIELA 9781-ET	840003128910186						
S-S-I DAMARS URSULA 9723-ET	840003128459556						
S-S-I DAMARS YAKIRA 9824-ET	840003128910229						
S-S-I DAMARS YALIKA 9815-ET	840003128910220						
S-S-I DAMARS YARINA 9810-ET	840003128910215						
S-S-I DAMRIS MILAN 11023-ET	840003126218654						
S-S-I DAMRS DAKOTA 11214-ET	840003128769221						
S-S-I DAMRS DELLIA 11205-ET	840003128769280						
S-S-I DAMRS GEMINI 11017-ET	840003126822842						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I DAMRS GRACIE 11009-ET	840003126218641						
S-S-I DAMRS NICOLE 11212-ET	840003128769244					C	
S-S-I DAMRS TAMARA 10952-ET	840003126822832						
S-S-I DAMRS TWINKIE10969-ET	840003125613749						
S-S-I DAMRS TWINKLE10970-ET	840003125613756						
S-S-I DAVINCI 15052	840003124844139						
S-S-I DAVINCI 6227 10407-ET	840003014334934						
S-S-I DAVINCI 6227 10452-ET	840003014334993						
S-S-I DAVINCI 7514 10369-ET	840003014259015					C	
S-S-I DAVINCI 7514 10381-ET	840003014258964						
S-S-I DAVINCI 7514 10398-ET	840003014334966						
S-S-I DAVINCI 7514 10403-ET	840003014335074						
S-S-I DAVINCI 7739 10397-ET	840003014259026						
S-S-I DAVINCI 7739 10400-ET	840003014259001						
S-S-I DAVINCI 8012 10362-ET	840003014259008						
S-S-I DAVINCI 8012 10413-ET	840003014334786						
S-S-I DAVINCI 8057 10342-ET	840003014258905						
S-S-I DAVINCI 8057 10367-ET	840003014258995						
S-S-I DAVINCI 8057 10370-ET	840003014259013						
S-S-I DAVINCI 8784 10904-ET	840003125613819						
S-S-I DAVINCI 8784 10910-ET	840003125613824						
S-S-I DAVINCI 8860 10915-ET	840003125613826						
S-S-I DCTATE YELLOW 9258-ET	840003012130527						
S-S-I DEAN BOBBI-LEE8529-ET	840003011001433						
S-S-I DEAN BROXTON 8519-ET	840003011001423						
S-S-I DEAN DARNELLE 8504-ET	840003011001408						
S-S-I DEAN HARA 8511-ET	840003011001415						
S-S-I DEAN MELYNE 8538-ET	840003011001442						
S-S-I DEAN MINDA 8537-ET	840003011001441						
S-S-I DELFINO 6008	USA 74143207		C				
S-S-I DELFINO BEA 9838-ET	840003128910243						
S-S-I DELFINO BEE 9837-ET	840003128910242		C				
S-S-I DELFINO BEITA 9846-ET	840003128910251						
S-S-I DELFINO MALI 9826-ET	840003128910231						
S-S-I DELFINO MALIN 9845-ET	840003128910250		C				
S-S-I DELFINO MALU 9848-ET	840003128910253						
S-S-I DELFINO MANDA 9822-ET	840003128910227		C				
S-S-I DELFN KALLIE 11108-ET	840003127943828						
S-S-I DELFN MONICA 11132-ET	840003127943791		C				
S-S-I DELFNO 10086 11400-ET	840003129016184					C	
S-S-I DELFNO 10086 11407-ET	840003129016182						
S-S-I DELFNO MALIAH 9839-ET	840003128910244		C				
S-S-I DELFNO MALIKA 9844-ET	840003128910249						
S-S-I DELFNO MONIKA 9718-ET	840003128459561		C				
S-S-I DELTA 10828 7165-ET	840003131003244						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I DENIM NIAGRA 8070-ET	840003009554593						
S-S-I DERWD 10582 11719-ET	840003135087130						
S-S-I DERWOD 10707 11613-ET	840003133371144						
S-S-I DERWOOD 10802 7278-ET	840003131003357						
S-S-I DERWOOD 10802 7285-ET	840003131003364						
S-S-I DERWOOD 10802 7288-ET	840003131003367						
S-S-I DERWOOD 10877 7286-ET	840003131003365						
S-S-I DERWOOD 9278 7311-ET	840003131003390						
S-S-I DEYJA 402	840003013659487			C			
S-S-I DEYJA 8395 10890-ET	840003125613812					C	
S-S-I DEYJA 8395 10891-ET	840003125613858						
S-S-I DEYJA 8395 10892-ET	840003125613865						
S-S-I DEYJA 8654 10884-ET	840003125613873						
S-S-I DEYJA 8728 10911-ET	840003125613933						
S-S-I DEYJA JAZABEL 9551-ET	840003125325441						
S-S-I DEYJA JAZLADY 9529-ET	840003125325419						
S-S-I DEYJA JAZSTAR 9525-ET	840003125325415						
S-S-I DEYJA JAZZ 9528-ET	840003125325418						
S-S-I DEYJA JAZZY 9526-ET	840003125325416						
S-S-I DEYJA MAE 9576-ET	840003125325466						
S-S-I DFNDR 2411 10373-ET	840003014258962						
S-S-I DFNDR 286 10334-ET	840003014258936						
S-S-I DFNDR 286 10343-ET	840003014258918						
S-S-I DFNDR 7514 10279-ET	840003014258745						
S-S-I DFNDR 8057 10415-ET	840003014334781						
S-S-I DFNDR 8057 10423-ET	840003014335018						
S-S-I DIAMND SAKURA 9134-ET	840003012130403			C			
S-S-I DISTILLER 5959	USA 74143158						
S-S-I DISTILLER 6032	USA 74143231						
S-S-I DISTILLER GIN 9762-ET	840003128910167						
S-S-I DISTILLER SPECIEL	840003128913374						
S-S-I DISTILLR 6730 7065-ET	840003131003144						
S-S-I DISTILLR LILY 9878-ET	840003128910283						
S-S-I DISTILR 35882 9893-ET	840003128910298						
S-S-I DISTILR 35882 9898-ET	840003128910303						
S-S-I DISTILR 35882 9899-ET	840003128910304						
S-S-I DISTILR ALIA 11140-ET	840003127943850						
S-S-I DISTILR BESS 11176-ET	840003127943781						
S-S-I DISTILR BETH 11164-ET	840003128364983						
S-S-I DISTILR MISMO 9670-ET	840003125325560						
S-S-I DISTILR MOON 11165-ET	840003128364989						
S-S-I DISTLR AMERY 11100-ET	840003126822748						
S-S-I DISTLR BAILEY 9665-ET	840003125325555						
S-S-I DISTLR MILEY 11104-ET	840003126822666						
S-S-I DITTO BOSNIA 7776-ET	840003008897789						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I DITTO DOLLY 7801-ET	840003008897814						
S-S-I DITTO MILLION 7790-ET	840003008897803						
S-S-I DITTO MORA 7764-ET	840003008897777						
S-S-I DITTO SELMA 7738-ET	840003008897751		C				
S-S-I DITTO SHOOP 7744-ET	840003008897757		C				
S-S-I DITTO SPOTTS 7754-ET	840003008897767						
S-S-I DLFN SCARLET 11191-ET	840003127943707						
S-S-I DMRS BROOKLYN11031-ET	840003126218665						
S-S-I DMRS DEMETRI 11234-ET	840003128769086						
S-S-I DMRS MARYBETH11220-ET	840003128769187						
S-S-I DOLCE FELICE 7122-ET	840003004672732						
S-S-I DOLCE FEMI 7130-ET	840003004672740						
S-S-I DOLCE FENWICK 7127-ET	840003004672737						
S-S-I DOLCE FIDELA 7126-ET	840003004672736						
S-S-I DOLCE FISK 7135-ET	840003004672745						
S-S-I DOLLAR BRITIN 8870-ET	840003011538269						
S-S-I DOLLARS 2066	840003012644410						
S-S-I DOLLARS LEALA 9204-ET	840003012130473						
S-S-I DOLLARS LOY 9190-ET	840003012130459						
S-S-I DOLLARS MADA 8853-ET	840003011538252			C			
S-S-I DOLLARS MIA 8855-ET	840003011538254			C			
S-S-I DOLLARS MORELA8839-ET	840003011538238			C			
S-S-I DOLLARS SILLY 8898-ET	840003011538297						
S-S-I DOLLARS SINDY 8897-ET	840003011538296						
S-S-I DOMAIN BRYLEE 7079-ET	840003004672689						
S-S-I DOMAIN LARUE 7104-ET	840003004672714						
S-S-I DONATEL MORIE 8678-ET	840003011538077						
S-S-I DONATEL WINTER8702-ET	840003011538101						
S-S-I DONATELL TAMRA8671-ET	840003011538070						
S-S-I DONATELLO BELA8652-ET	840003011538051						
S-S-I DONATELLO MAVIS	840003011349522						
S-S-I DONATELLO MODESTO 6685	USA 72190765					C	
S-S-I DONTL WYNTER 8729-ET	840003011538128						
S-S-I DONTLLO OLENA 8689-ET	840003011538088						
S-S-I DRACO GEM 7083-ET	840003131003162			C			
S-S-I DSCNT-P 7653 10244-ET	840003013924067					C	
S-S-I DSCNT-P 7653 10252-ET	840003013924091					C	
S-S-I DSLR DAFODIL 11312-ET	840003129015995						
S-S-I DSLR DAIQUIRI 9755-ET	840003128910160						
S-S-I DST MOONBEAM 11180-ET	840003128364963						
S-S-I DSTLR BEYONCE11116-ET	840003127943732						
S-S-I DSTLR MELORA 11167-ET	840003128364976						
S-S-I DSTN 7894 10161-ET	840003013177287						
S-S-I DSTN 7895 10205-ET	840003013923952						
S-S-I DSTR MOONGLO 11166-ET	840003128364979						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I DTRMN 7049 10052-ET	840003012559891						
S-S-I DTRMN 7202 10061-ET	840003012559922			C			
S-S-I DTRMN 7715 10016-ET	840003012559818			C			
S-S-I DTRMN 7894 10037-ET	840003012559858						
S-S-I DYNAMIC LEE 7703-ET	840003008897716						
S-S-I DYNAMIC LOL 7699-ET	840003008897712			C			
S-S-I DYNAMIC SCOTT 7677-ET	840003008897690						
S-S-I DYNAMIC STU 7669-ET	840003008897682			C			
S-S-I EARNH CAMI 8712-P-ET	840003011538111						1
S-S-I EARNH FLO 8677-P-ET	840003011538076						
S-S-I EARNH FLORIA 8672-ET	840003011538071						
S-S-I EARNH FOLA 8681-P-ET	840003011538080						
S-S-I EARNH TATUM 8651-ET	840003011538050						
S-S-I EARNHARDT 6920	USA 72191000						
S-S-I ECOYNE EDEN 8094-ET	840003009554617						
S-S-I ECOYNE EDEN 8102-ET	840003009554625						
S-S-I ECOYNE MANNY 8288-ET	840003011001192						
S-S-I ECYN WATERLOO 8140-ET	840003009554663						
S-S-I EMBASSY 7950 10529-ET	840003123600685						
S-S-I EMBASSY 7950 10534-ET	840003123600824						
S-S-I EMBASSY 8013 10525-ET	840003123600687						
S-S-I EMBSSY 8016 10609-ET	840003123600931						
S-S-I EMBSSY 8018 10618-ET	840003123885848						
S-S-I EMULATE DAWN 8701-ET	840003011538100						
S-S-I EMULATE DAYNA 8750-ET	840003011538149						
S-S-I EMULATE MAXY 8695-ET	840003011538094						
S-S-I ENTAIL 10306 11590-ET	840003133371414						
S-S-I ENTAIL 10306 11628-ET	840003133371154						
S-S-I ENTAIL 10306 11629-ET	840003133371385						
S-S-I ENTAIL 10398 11597-ET	840003133371139						
S-S-I ENTAIL 10398 11604-ET	840003133371406						
S-S-I ENTAIL 10398 11605-ET	840003133371179						
S-S-I ENTAIL 10398 11606-ET	840003133371145						
S-S-I ENTAIL 10398 11626-ET	840003133371162						
S-S-I ENTAIL 10498 11608-ET	840003133371141						
S-S-I ENTAIL 10616 11587-ET	840003133371346						
S-S-I ENTAIL 10616 11595-ET	840003133371209						
S-S-I ENTAIL 10647 7149-ET	840003131003228					C	
S-S-I ENTAIL 10647 7150-ET	840003131003229					C	
S-S-I ENTAIL 10696 11593-ET	840003133370951						
S-S-I ENTAIL SKYE 7163-ET	840003131003242						
S-S-I ENTAIL VALO 7157-ET	840003131003236						
S-S-I EPIC DACEY 8377-ET	840003011001281						
S-S-I EPIC DREAM 8142-ET	840003009554665						
S-S-I EPIC MIRA 8163-ET	840003009554686						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I EPIC MIRA 8164-ET	840003009554687						
S-S-I EPIC MIRA 8165-ET	840003009554688						
S-S-I EPIC MIRA 8170-ET	840003009554693						
S-S-I EPIC TRIGG 8468-ET	840003011001372		C				
S-S-I ERASER GAIA-P 9741-ET	840003128459538						
S-S-I ERASER HOPE 9552-P-ET	840003125325442						
S-S-I ERASER P 8233 9493-ET	840003125325383						
S-S-I ERASER P GINA 9715-ET	840003128459564						
S-S-I ERASER THEA 10936-ET	840003125613792						
S-S-I ERASR MACI 10932-P-ET	840003125613900						
S-S-I ERASR MIKA 10941-P-ET	840003126218781					C	
S-S-I ERASRP WANDA 11044-ET	840003126218714						1
S-S-I ERIE HOLIDAY 7998-ET	840003009554521						
S-S-I ERNHRT DARNEE 8637-ET	840003011001541						
S-S-I ERNHRT DESTA8544-P-ET	840003011001448						
S-S-I ERNHRT RACE 8562-ET	840003011001466						
S-S-I ERNHT 7963 10138-P-ET	840003013177254						
S-S-I ERSER WYN 10997-PP-ET	840003126218626						
S-S-I ERSR HETTIE 9554-P-ET	840003125325444						
S-S-I ERSR P MAUI 9642-P-ET	840003125325532						
S-S-I ERSR WILLA10994-P-ET	840003126218621						
S-S-I ERSR WILMA 11006-P-ET	840003126218720						1
S-S-I ERSRP MELBA 9648-P-ET	840003125325538						
S-S-I ESR GEORGIA 9711-P-ET	840003128459568						
S-S-I ESRP GOLDIE 9714-P-ET	840003128459565						
S-S-I EZIO EASTER 11304-ET	840003129016348						
S-S-I EZIO ELECTRA 11259-ET	840003128769241						
S-S-I EZIO MELANIE 11263-ET	840003129016375						
S-S-I EZIO MELIA 11276-ET	840003129016386						
S-S-I EZIO MELISSA 11273-ET	840003129016385						
S-S-I F HAGLEY MAGALY	840003133121352					C	
S-S-I F MILLINGTON OFILIA	840003133121332						
S-S-I F SHEP DANBY	840003133121337						
S-S-I FONSY SHAKIRA 8453-ET	840003011001357						
S-S-I FORK J 8922-ET	840003012130191						
S-S-I FORK MAYSUN 9240-ET	840003012130509						
S-S-I FORK MEDA 9241-ET	840003012130510					C	
S-S-I FOXSNG 10353 11482-ET	840003130641870						
S-S-I FRANZ ABBEY 7956-ET	840003009554479	C					
S-S-I FRANZ ALEX 7944-ET	840003009554467						3
S-S-I FRANZ ARGENTA 7947-ET	840003009554470	C					
S-S-I FRANZ FRENCHY 7921-ET	840003009554444	C					
S-S-I FRANZ NAARA 7919-ET	840003009554442						
S-S-I FRANZ NEO 7924-ET	840003009554447	C					
S-S-I FREDD TOMATO 7112-ET	840003004672722						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I FREDDIE TESS 7110-ET	840003004672720						
S-S-I FREDDIE TIDBIT	USA 70119429						
S-S-I FUST MILLING ZSAZSA	840003129876298						
S-S-I FUST MILLINGTON ZIVA	840003129876301						
S-S-I FUST YODER CARESSA	840003129876327						
S-S-I FUSTEAD AICON MADIHA	840003129876291						
S-S-I GABR JOJO 10922-ET	840003125613790						
S-S-I GARROLD LIMA 7928-ET	840003009554451						
S-S-I GARROLD LOTTO 7917-ET	840003009554440						
S-S-I GARROLD MANTLE7993-ET	840003009554516						
S-S-I GARROLD MOM 8005-ET	840003009554528						
S-S-I GARROLD MOODY 7916-ET	840003009554439			C			
S-S-I GARROLD MORT 7923-ET	840003009554446			C			
S-S-I GARROLD MURA 7909-ET	840003009554432						
S-S-I GARROLD MYLA 7926-ET	840003009554449			C			
S-S-I GARROLD TIKTOK7888-ET	840003009554411						
S-S-I GCHIP OKILAN 7582-ET	840003008897595						
S-S-I GCHIP OKRA 7576-ET	840003008897589						
S-S-I GEN ALENA 9566PPRC-ET	840003125325456						1
S-S-I GENALLY WANDA 9587-ET	840003125325477						
S-S-I GERARD PRICE 7563-ET	840003008897576						
S-S-I GIANT 10398 11656-ET	840003133371229						
S-S-I GIANT 10398 11662-ET	840003133371126						
S-S-I GIANT 10707 11650-ET	840003133371231						
S-S-I GLD CHP MERCEDES	USA 71767722			C			
S-S-I GLDCHIP ROBYN 7590-ET	840003008897603						
S-S-I GLDCHIP ROCCO 7592-ET	840003008897605						
S-S-I GLX MAUREEN 8757-ET	840003011538156			C		C	
S-S-I GLX MAYBELINE 8725-ET	840003011538124					C	
S-S-I GLX MELESSE 8735-ET	840003011538134					C	
S-S-I GLX MIRIAM 8747-ET	840003011538146						
S-S-I GOOGLE BRONWYN8708-ET	840003011538107						
S-S-I GR MADERIGHT 7990-ET	840003009554513						
S-S-I GR MONTGOMERY 7992-ET	840003009554515						
S-S-I GRAF MADDEN 7763-ET	840003008897776						1
S-S-I GRAF MILLER 7766-ET	840003008897779						
S-S-I GRAF MURPHY 7759-ET	840003008897772						
S-S-I GRAFEETI MACY 7753-ET	840003008897766						
S-S-I GRAFEETI MOM 7726-ET	840003008897739						
S-S-I GRANPA ELAINE 8567-ET	840003011001471						
S-S-I GRANPA KAMBRIA8566-ET	840003011001470						
S-S-I GREGS 8328 10776-ET	840003125202087						
S-S-I GREGS 8328 10837-ET	840003125202071						
S-S-I GREGS MADGE2 10834-ET	840003125202049						
S-S-I GREGS MADGE2 10835-ET	840003125202050						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I GRIN KAMEKO 9013-ET	840003012130282						
S-S-I GRIN KLARISSA 9016-ET	840003012130285						1
S-S-I GRNWAY 5318 10579-ET	840003123600800						
S-S-I GRNWAY 8102 10626-ET	840003123885902						
S-S-I GRNWAY 8102 10681-ET	840003123885875						
S-S-I GRNWAY 8263 10676-ET	840003123885861		C				
S-S-I GRNWAY 8321 10632-ET	840003123600822						
S-S-I GRNWAY 8328 10639-ET	840003123885892						
S-S-I GRNWAY 8328 10651-ET	840003123885888						
S-S-I GRNWAY 8371 10630-ET	840003123885907					C	
S-S-I GRNWAY 8379 10564-ET	840003123600780						
S-S-I GRNWAY 8379 10582-ET	840003123600797						
S-S-I GRNWAY 8452 10708-ET	840003123886059						
S-S-I GRNWAY 8452 10715-ET	840003123886030						
S-S-I GRNWAY 8452 10744-ET	840003123886088						
S-S-I GRNWAY 8473 10691-ET	840003124584719					C	
S-S-I GRNWAY 8473 10692-ET	840003123886107						
S-S-I GRNWAY 8473 10700-ET	840003123600699					C	
S-S-I GUN 704	840003127408488						
S-S-I GUN GIA 9868-ET	840003128910273						
S-S-I GUN GIGI 9870-ET	840003128910275						
S-S-I GUN MARGIE 11360-ET	840003129016284						
S-S-I GUN MARGO 11359-ET	840003129016285					C	
S-S-I GUST 9185 11420-ET	840003130641584						
S-S-I GUST P 10100 11391-ET	840003129015963						
S-S-I GUST P 10100 11405-ET	840003129016188						
S-S-I GW GINGER-ET	840003133444571						
S-S-I GYVER 7990 10185-ET	840003013923880					C	
S-S-I GYVER 8012 10167-ET	840003013923854						
S-S-I GYVER 8204 10302-ET	840003014258864					C	
S-S-I HADWIN 5866	USA 73464858						
S-S-I HADWIN 8433 10880-ET	840003125613785						
S-S-I HADWIN 8646 10878-ET	840003125613778						
S-S-I HADWIN 8849 10907-ET	840003125613932						
S-S-I HADWIN 8849 10908-ET	840003125613928						
S-S-I HAGLEY 10659 11633-ET	840003133371270						
S-S-I HAGLEY 10731 11630-ET	840003133371265						
S-S-I HAGLEY 10731 7193-ET	840003131003272						
S-S-I HAGLEY 10731 7205-ET	840003131003284						
S-S-I HAGLEY MABEL 7183-ET	840003131003262					C	
S-S-I HALBERT 10726 7186-ET	840003131003265						
S-S-I HALBRT 10369 11570-ET	840003133371399						
S-S-I HALBRT 10721 11659-ET	840003133370981					C	
S-S-I HALBRT 10721 11685-ET	840003133371116					C	
S-S-I HALBRT 10731 11682-ET	840003133371079						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I HALBRT 10731 11683-ET	840003133371010						
S-S-I HALO 286 10221-ET	840003013923956						
S-S-I HALO 286 10233-ET	840003013924031			C			
S-S-I HALO 286 10255-ET	840003013924076			C			
S-S-I HALO 7514 10238-ET	840003013923982			C			
S-S-I HALO 7514 10251-ET	840003013924047			C			
S-S-I HALO 7763 10470-ET	840003014335034						1
S-S-I HALO 7763 10471-ET	840003014335046						
S-S-I HALO 7913 10347-ET	840003014258923						
S-S-I HALO 7913 10358-ET	840003014259017						
S-S-I HALO 7950 10273-ET	840003013924006						
S-S-I HALO 8012 10268-ET	840003013924094						
S-S-I HALO 8067 10306-ET	840003014258856						
S-S-I HALO 8233 9254-ET	840003012130523						
S-S-I HALOGEN 5957	USA 74326537						
S-S-I HALOGEN 7763 10505-ET	840003123600663						1
S-S-I HALOGEN 7763 10545-ET	840003123600938						1
S-S-I HANGTIME 8972 7317-ET	840003131003396						
S-S-I HANGTIME 8972 7334-ET	840003131003413						
S-S-I HANNA 9570-PP-RED-ET	840003125325460						
S-S-I HARPON ALEXIS 9729-ET	840003128459550						
S-S-I HARPON ALEXUS 9730-ET	840003128459549						
S-S-I HDWAY 6202 10574-ET	840003123600951						
S-S-I HDWAY 6202 10592-ET	840003123600902						
S-S-I HDWAY 7950 10774-ET	840003125202091						
S-S-I HDWAY 7950 10794-ET	840003125201951						
S-S-I HDWAY 7950 10830-ET	840003125201982						
S-S-I HDWAY 7963 10779-ET	840003125202089						
S-S-I HDWAY 8355 10627-ET	840003123600853						
S-S-I HDWAY 8355 10657-ET	840003123885918						
S-S-I HDWAY 8355 10671-ET	840003123885865						
S-S-I HDWAY 8388 10703-ET	840003123886048						
S-S-I HDWAY 8395 10846-ET	840003124584953						
S-S-I HDWAY 8473 10631-ET	840003123600816					C	
S-S-I HDWAY 8473 10647-ET	840003124584816					C	
S-S-I HDWAY 8473 10764-ET	840003123886029						
S-S-I HDWAY 8473 10772-ET	840003123886014					C	
S-S-I HDWAY 8473 10775-ET	840003124584781						
S-S-I HDWAY 8473 10783-ET	840003125202098						
S-S-I HDWAY 8526 10825-ET	840003125202029						
S-S-I HDWAY 8646 10806-ET	840003124584986						
S-S-I HDWAY 8679 10789-ET	840003124584741					C	
S-S-I HDWAY 8725 10791-ET	840003125201953						
S-S-I HDWAY 8754 10807-ET	840003124584988						
S-S-I HEADWAY 1882 9465-ET	840003125325355						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I HEADWAY 7739 10531-ET	840003123600827						
S-S-I HEADWAY 7739 10541-ET	840003014334872						
S-S-I HEADWAY 8016 10508-ET	840003123600679						
S-S-I HEADWAY 8355 10536-ET	840003123600830						
S-S-I HEADWAY 8628 10940-ET	840003125202015						
S-S-I HEINZ 10721 11653-ET	840003133371239					C	
S-S-I HEINZ 10743 7244-ET	840003131003323						
S-S-I HEINZ 10828 11699-ET	840003135087124						
S-S-I HEINZ 8971 7225-ET	840003131003304						
S-S-I HEINZ 8972 7229-ET	840003131003308						
S-S-I HEINZ 8972 7233-ET	840003131003312						
S-S-I HEINZ 972 7213-ET	840003131003292						
S-S-I HEINZ 972 7223-ET	840003131003302						
S-S-I HEINZ SKITTLES	USA 143681560						
S-S-I HEISNBRG 9470 7347-ET	840003131003426						
S-S-I HIGHWAY HABIBA8333-ET	840003011001237						
S-S-I HIGHWAY HEY 8306-ET	840003011001210						
S-S-I HIGHWAY HEY 8316-ET	840003011001220						
S-S-I HIGHWAY MAXINE8451-ET	840003011001355						
S-S-I HIGHWAY MAYA 8456-ET	840003011001360						
S-S-I HIGHWAY MINA 8485-ET	840003011001389						
S-S-I HIGHWAY RUBY 8310-ET	840003011001214						
S-S-I HIGHWAY VAIL 8423-ET	840003011001327						
S-S-I HIGHWAY VALLI 8457-ET	840003011001361						
S-S-I HIGHWAY VERDA 8489-ET	840003011001393						
S-S-I HIGHWAY VIOLA 8495-ET	840003011001399						
S-S-I HILL SIOUXCITY8034-ET	840003009554557						
S-S-I HMRN ALLI6607 7018-ET	840003131003097						
S-S-I HNYBEE 8328 10850-ET	840003124584927						
S-S-I HNYBEE 8638 10861-ET	840003124584849		C				
S-S-I HNYBEE 8638 10863-ET	840003124584886		C				
S-S-I HOMERN 308 7075 P-ET	840003131003154						
S-S-I HOMRN LOVLY 7081 P-ET	840003131003160						
S-S-I HOT TANGO 6235	840003126756458					C	
S-S-I HOTSHOT 10133 8960-ET	840003012130229					C	
S-S-I HOTSHOT 10133 8962-ET	840003012130231						
S-S-I HOTSHOT 10501 7174-ET	840003131003253					C	
S-S-I HOTSHOT 10501 7185-ET	840003131003264						
S-S-I HOTSHOT 2133 7073-ET	840003131003152					C	1
S-S-I HOTSHOT CAT 7106-ET	840003131003185						
S-S-I HOTSHOT MABEL 7136-ET	840003131003215						
S-S-I HOTST 10217 11498-ET	840003130641481						
S-S-I HOTST 10221 11487-ET	840003130641896						
S-S-I HOTST 10501 11513-ET	840003130641434		C				
S-S-I HOTST 10501 11528-ET	840003130641659						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I HOTST 10633 11537-ET	840003133370833						
S-S-I HTSHOT 10217 11490-ET	840003130641891					C	
S-S-I HTSHOT 10501 11616-ET	840003133371251						
S-S-I HTSHOT 10633 11625-ET	840003133371170						
S-S-I HWY MADALINE 8368-ET	840003011001272						
S-S-I HWY MARILYN 8441-ET	840003011001345						
S-S-I HWY TRINITY 8305-ET	840003011001209						
S-S-I HWY VANNESSA 8477-ET	840003011001381						
S-S-I ICON 7447-ET	840003130466150						
S-S-I IOTA LAHOMA 7559-ET	840003008897572						
S-S-I IOTA LALITA 7554-ET	840003008897567						
S-S-I IOTA LAURA 7612-ET	840003008897625						
S-S-I IOTA TIGRESS 7523-ET	840003008328921						
S-S-I IOTA TOMMYGIRL7545-ET	840003008328943						
S-S-I JABIR HILDING	840003124843998						1
S-S-I JACEY 8371 10493-ET	840003014334939						
S-S-I JAGG MOM7030 8198-ET	840003009554721						
S-S-I JAGGER 5316	USA 72019095						
S-S-I JAGGER 6573	USA 72190653						
S-S-I JAGGER FIRE 8336-ET	840003011001240						
S-S-I JAGGER FLIRT 8256-ET	840003011001160						
S-S-I JAGGR MOM7030 8184-ET	840003009554707						
S-S-I JANRY FRANCI 8381-ET	840003011001285						
S-S-I JANUARY SABA 8352-ET	840003011001256	C					
S-S-I JANUARY SADE 8378-ET	840003011001282						
S-S-I JANUARY WALKER8351-ET	840003011001255						
S-S-I JANUARY WAPAK 8320-ET	840003011001224						
S-S-I JANUARY WENDY 8367-ET	840003011001271						
S-S-I JARVIS SEIKO 7511-ET	840003008328909						
S-S-I JCKMAN 7950 10228-ET	840003013923998			C			
S-S-I JCKMAN 8013 10230-ET	840003013923955			C			
S-S-I JCKMAN 8047 10209-ET	840003013923929						
S-S-I JCKMAN 8047 10223-ET	840003013924021			C			
S-S-I JCKMAN 8055 10207-ET	840003013923933			C			
S-S-I JCKMAN 8055 10217-ET	840003013923917						
S-S-I JCKMAN 8067 10232-ET	840003013924030			C			
S-S-I JCKMAN 8074 10275-ET	840003013924039						
S-S-I JCKMN 8233 10380-P-ET	840003014258958						
S-S-I JCY 7739 10469-ET	840003014335031						
S-S-I JCY 8371 10490-ET	840003014334947						
S-S-I JEDI 10270 11692-ET	840003135087029						
S-S-I JEDI 10270 11698-ET	840003135087121						
S-S-I JEDI 10789 11694-ET	840003135087032					C	
S-S-I JEDI 10789 11697-ET	840003135087144					C	
S-S-I JEDI 10791 7296-ET	840003131003375					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
S-S-I JEDI 10850 7279-ET	840003131003358					C	
S-S-I JEDI 8971 7246-ET	840003131003325						
S-S-I JEDI 8971 7255-ET	840003131003334					C	
S-S-I JEDI 8971 7260-ET	840003131003339					C	
S-S-I JEDI 8971 7261-ET	840003131003340						
S-S-I JEDI 9278 7256-ET	840003131003335					C	
S-S-I JEDI 9278 7257-ET	840003131003336						
S-S-I JEDI 9278 7263-ET	840003131003342						
S-S-I JEDI 9278 7264-ET	840003131003343					C	
S-S-I JEDI 9278 7274-ET	840003131003353					C	
S-S-I JEDI 9278 7280-ET	840003131003359					C	
S-S-I JEDI 9453 7265-ET	840003131003344					C	
S-S-I JEDI 9453 7324	840003131003403					C	
S-S-I JEDI MABEL 7275-ET	840003131003354					C	
S-S-I JEDI MABEL 7281-ET	840003131003360						
S-S-I JEDI OLYMPC 7247-P-ET	840003131003326			C			
S-S-I JENLU DOLLARS ORCENTS	840003011721470						
S-S-I JENN 8258 10659-ET	840003123885915			C			
S-S-I JENN 8263 10596-ET	840003123600804		C				
S-S-I JENN 8263 10608-ET	840003123600930		C				
S-S-I JENN 8290 10625-ET	840003123885954						
S-S-I JENN 8290 10669-ET	840003123885814						
S-S-I JENNY-LOU MNTRS HEYO	840003126638746						
S-S-I JENNY-LOU R SEAL HINT	840003126638725						
S-S-I JENNY-LOU SHAN GLAMOR	840003011721382						
S-S-I JENNY-LOU SPRSIR 3638	840003011721516						
S-S-I JENNY-LOU SPRSRE 3678	840003011721556						
S-S-I JERALD DEBI 7366-ET	840003131003445						
S-S-I JEROD DANICE 8816-ET	840003011538215						
S-S-I JEROD MASHA 8793-ET	840003011538192						
S-S-I JEROD MAVIS 8809-ET	840003011538208						
S-S-I JEROD MAYLYN 8792-ET	840003011538191					C	
S-S-I JEROD MESHA 8787-ET	840003011538186						
S-S-I JEROD MINAL 8777-ET	840003011538176						
S-S-I JEROD OCEANA 8763-ET	840003011538162						
S-S-I JEROD PADGET 8781-ET	840003011538180						
S-S-I JEROD SHARMA 8857-ET	840003011538256						
S-S-I JEROD SIMRAN 8865-ET	840003011538264						
S-S-I JEROD SINCLAIR8845-ET	840003011538244						
S-S-I JETSET 307	840003013659392						
S-S-I JETSET 952-ET	USA 72895807						
S-S-I JETSET MEME	USA 73738579						
S-S-I JETT 8971 7336-ET	840003131003415						
S-S-I JETT 9278 7333-ET	840003131003412						
S-S-I JETT 9278 7348-ET	840003131003427					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
S-S-I JIVES ANALISE 7816-ET	840003008897829						3
S-S-I JIVES ANDREA 7817-ET	840003008897830						
S-S-I JIVES BANANA 7855-ET	840003009554378						
S-S-I JIVES LOLIPOP 7856-ET	840003009554379						
S-S-I JIVES MARLIE 7804-ET	840003008897817						
S-S-I JL BEEMER LAFOO	840003126638910						
S-S-I JL PLUTO REALTALK	840003126638812						
S-S-I JOSPER 10625 11635-ET	840003133371245						
S-S-I JOSPR MARINA 11371-ET	840003129015873						
S-S-I JOSPR ORCHID 11344-ET	840003129016038						
S-S-I JOSPR REBECCA 9873-ET	840003128910278						
S-S-I JOSUPER 2133 9885-ET	840003128910290						
S-S-I JOSUPER GWYN 9882-ET	840003128910287						1
S-S-I JOSUPER JODI 9842-ET	840003128910247						
S-S-I JOSUPER JOSIE 9836-ET	840003128910241						
S-S-I JOSUPER JOY 9828-ET	840003128910233						
S-S-I JOSUPER MYRA 11378-ET	840003129016305						
S-S-I JOSUPER SKYE 11338-ET	840003129015922						
S-S-I JOSUPER SWAN 11334-ET	840003129015911						
S-S-I JOSUPER UJANA 9803-ET	840003128910208						
S-S-I JOSUPR MAURA 11373-ET	840003129016296			C			
S-S-I JOSUPR RACHEL 9863-ET	840003128910268						
S-S-I JOSUPR SADIE 11341-ET	840003129015921						
S-S-I JOSUPR TOPAZ 11382-ET	840003129016265						
S-S-I JSUPER JANELE 9811-ET	840003128910216						
S-S-I JSUPER JOELLE 9807-ET	840003128910212						
S-S-I JUNO LOVELY 7234 P-ET	840003131003313						
S-S-I JUNO P 10380 7152-ET	840003131003231						
S-S-I JUNO P 308 7167-ET	840003131003246						
S-S-I KINGBOY 484	840003013659569						
S-S-I KINGBOY 4961 9490-ET	840003125325380						
S-S-I KINGBOY 7950 10804-ET	840003125202023						
S-S-I KINGBOY 8395 10810-ET	840003124584909					C	
S-S-I KINGBOY 8395 10848-ET	840003125201970					C	
S-S-I KINGBOY 8755 10851-ET	840003124584957						
S-S-I KINGBOY MARIA 9521-ET	840003125325411						
S-S-I KINGBOY MARIE 9518-ET	840003125325408						
S-S-I KINGBOY RANI 9511-ET	840003125325401						
S-S-I KINGBOY YANA 9501-ET	840003125325391						
S-S-I KINGBOY YARA 9504-ET	840003125325394						
S-S-I KINGBOY YERA 9507-ET	840003125325397						
S-S-I KINGBOY YONA 9506-ET	840003125325396						
S-S-I KINGBY JASMIN 9512-ET	840003125325402						
S-S-I KINGPIN 8860 11233-ET	840003128769087						
S-S-I KINGPIN MAMI 10978-ET	840003126218689						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I KINGPIN MONA 9553-ET	840003125325443						
S-S-I KINGPIN MYLA 11105-ET	840003126822675						
S-S-I KNGBY JOSEFIN 9517-ET	840003125325407						
S-S-I KNGBY MAJESTC 9515-ET	840003125325405						
S-S-I KNGBY MAJESTY 9516-ET	840003125325406						
S-S-I KNGPN MADRID 11011-ET	840003126218671						
S-S-I KNGPN MALIBU 10961-ET	840003125613855						
S-S-I KNGPN MILLIE 10972-ET	840003125613754						
S-S-I KNGPN MISTIC 10946-ET	840003125613835						
S-S-I KRAMER ADAM 7658-ET	840003008897671			C			
S-S-I KRAMER LITTLE 7674-ET	840003008897687						
S-S-I KRAMER LOLLY 7668-ET	840003008897681						
S-S-I KRAMER LOY 7675-ET	840003008897688						
S-S-I KRAMER LYLE 7676-ET	840003008897689						
S-S-I KRAMER MARLOW 7707-ET	840003008897720			C		C	
S-S-I KRAMER MCKAY 7706-ET	840003008897719			C			
S-S-I KRAMER MILLY 7716-ET	840003008897729					C	
S-S-I KRAMER MITZY 7709-ET	840003008897722						
S-S-I KRAMER OWENA 7635-ET	840003008897648						
S-S-I KRAMER TIME 7775-ET	840003008897788						
S-S-I KRUNCH 6624	USA 72190704					C	
S-S-I LA 17727 IDA-ET	840003128505859						
S-S-I LA 17728 IRENE-ET	840003128505858						
S-S-I LA 17738 IRIS-ET	840003128505848						
S-S-I LA 17755 MABEL-ET	840003128505831						
S-S-I LA 17776 GERTRUDE-ET	840003128505810						
S-S-I LA 17798 GENEVIEVE-ET	840003128505788						
S-S-I LA 17816 LADY-ET	840003128505770						
S-S-I LA 17832 PIPER-ET	840003128505754						
S-S-I LA 17843 DUCHESS-ET	840003128505743						
S-S-I LA 17862 BETH-ET	840003128505724						
S-S-I LA 17867 BECCA-ET	840003128505719						
S-S-I LA 17869 BERTHA-ET	840003128505717						
S-S-I LA ACM 10668 18183-ET	840003133735920						
S-S-I LA CHV 10721 18153-ET	840003133735890					C	
S-S-I LA CHV 10721 18164-ET	840003133735901						
S-S-I LA ENT 17906 KATIE-ET	840003128505680						
S-S-I LA GNT 10707 18137-ET	840003133735874						
S-S-I LA HGT 10616 18178-ET	840003133735915						
S-S-I LA HZ 17942 MORGAN-ET	840003128505644						
S-S-I LA JEDI 18072 JESS-ET	840003133735809					C	
S-S-I LA MDT 10791 18172-ET	840003133735909					C	
S-S-I LA SG 18031 ASHLEY-ET	840003133735768						
S-S-I LA T 18015 CLAUDIA-ET	840003133735752						
S-S-I LA TG 17985 SANDRA-ET	840003128505601						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I LA TG 18016 BROOKE-ET	840003133735753						
S-S-I LA TG 18025 HAYLEY-ET	840003133735762						
S-S-I LA TG 18027 ASHLEN-ET	840003133735764						
S-S-I LA TG 18048 MELISA-ET	840003133735785						
S-S-I LADD GOODIES 8038-ET	840003009554561						
S-S-I LADD GRANNY 8050-ET	840003009554573						1
S-S-I LADD GUVA 8066-ET	840003009554589						1
S-S-I LADD HILDA 8233 P-ET	840003009554756						
S-S-I LADD HILDA 8236 P-ET	840003009554759						1
S-S-I LASER 2411 10497-ET	840003014334831						
S-S-I LASER 2411 10498-ET	840003014334830						
S-S-I LASER 2411 10506-ET	840003014334818			C			
S-S-I LASER 8184 10502-ET	840003123600664						
S-S-I LASER 8321 10542-ET	840003123600845						
S-S-I LASER 8336 10517-ET	840003014334803						
S-S-I LASER 8336 10527-ET	840003123600831						
S-S-I LAYNE TRINITY	USA 71129536						
S-S-I LEDLEY ADAH 7615-ET	840003008897628						
S-S-I LEDLEY ADARA 7620-ET	840003008897633					C	
S-S-I LEDLEY BELMONT7663-ET	840003008897676						
S-S-I LEDLEY BROGAN 7637-ET	840003008897650						
S-S-I LES SUGARBERRY7143-ET	840003004672753	C					
S-S-I LES SUGARCUBE 7148-ET	840003004672758						
S-S-I LES SUGARLAND 7146-ET	840003004672756						
S-S-I LES SUGARMAPLE7142-ET	840003004672752	C					
S-S-I LITH MODESTO 8109-ET	840003009554632						
S-S-I LITHIUM DANN 8252-ET	840003011001156						
S-S-I LITHIUM M-O-M 8180-ET	840003009554703						
S-S-I LITHIUM MANNY 8192-ET	840003009554715			C			
S-S-I LITHIUM MAXI 8201-ET	840003009554724						
S-S-I LITHIUM MIAMI 8213-ET	840003009554736						
S-S-I LITHIUM TIME 8106-ET	840003009554629						
S-S-I LITHM MADRID 8107-ET	840003009554630						
S-S-I LITHM MAZING 8186-ET	840003009554709			C			
S-S-I LITHM MIX7103 8130-ET	840003009554653						
S-S-I LMANP 6607 9489-P-ET	840003125325379						
S-S-I LSR 7514 10440-ET	840003014334881						
S-S-I LSR 7722 10611-ET	840003123885851						
S-S-I LSR 8047 10482-ET	840003014334858						
S-S-I LSR 8184 10489-ET	840003014334840						
S-S-I LSR 8204 10569-ET	840003123600791						
S-S-I LSR 8204 10600-ET	840003123600884						
S-S-I LSR 8258 10594-ET	840003123600811			C			
S-S-I LSR 8336 10591-ET	840003123600808						
S-S-I LSR 8336 10660-ET	840003123885917						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I LSR 8336 10661-ET	840003123885913						
S-S-I LSR 8336 10853-ET	840003123885811						
S-S-I LUCID 14322	840003012643577			C		C	
S-S-I LUCID MARICELA9217-ET	840003012130486						
S-S-I LUCID MARLOW 20	840003013659105			C			
S-S-I LUCID MINK	840003012506655						
S-S-I LUCID NATALY 9215-ET	840003012130484			C		C	
S-S-I LUCID SUN UP	840003012506803			C			
S-S-I MACK 7653 10195-ET	840003013923890					C	
S-S-I MACK 8154 10192-ET	840003013923911						
S-S-I MACLAND BAY 366	840003012283115						
S-S-I MAG RAYBEAM 9049-ET	840003012130318		C				3
S-S-I MAGICDAY HOLLY	USA 73624669						
S-S-I MAIN E 10116 11451-ET	840003130641986						
S-S-I MAIN E 10116 11457-ET	840003130641990						
S-S-I MAIN EVENT 7526-ET	840003131910577						
S-S-I MAN 8379 10778-ET	840003125202090						
S-S-I MAN 8473 10792-ET	840003124584729						
S-S-I MAN 8473 10857-ET	840003124584850						
S-S-I MAN JORAY 9464-P-ET	840003125325354						
S-S-I MANA TIKTOK 8052-ET	840003009554575			C			
S-S-I MANDATE 10852 7326-ET	840003131003405						
S-S-I MANL 8236 10425-P-ET	840003014334808						1
S-S-I MANO FALLBABY 7138-ET	840003004672748						
S-S-I MANO FLOWER 7139-ET	840003004672749						
S-S-I MANO FOXGLOVE 7137-ET	840003004672747						
S-S-I MANO FREEL 7147-ET	840003004672757						
S-S-I MANO RAVALONI 7344-ET	840003008328742						
S-S-I MANO WARMEYES 7120-ET	840003004672730						
S-S-I MANO WHITEROSE7118-ET	840003004672728						
S-S-I MANO WINDYBLUE7117-ET	840003004672727						
S-S-I MANSFLD P 308 7211-ET	840003131003290						
S-S-I MANSFLD P 308 7222-ET	840003131003301						
S-S-I MANTIS 8016 10234-ET	840003013924025						
S-S-I MANTLE CHANEL 8807-ET	840003011538206						
S-S-I MANUEL 7707 10451-ET	840003014334981					C	
S-S-I MARIS MAUI 11139-ET	840003127943751			C			
S-S-I MARIS MEG 9623-ET	840003125325513						
S-S-I MARIS MEGAN 11129-ET	840003127943664						
S-S-I MARIS MELBA 11163-ET	840003128364991						
S-S-I MARIS MELITA 9624-ET	840003125325514						
S-S-I MARIS MISCIEF11181-ET	840003128364970						
S-S-I MARIS MORIAH 11195-ET	840003127943765						
S-S-I MARJAS DEYJAVU	840003126697433			C			
S-S-I MARQUEL 18677	840003130078997						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MARSO ABERLYN 9589-ET	840003125325479						
S-S-I MARSO ALISTAR 9607-ET	840003125325497						1
S-S-I MARSO ALLISON 9588-ET	840003125325478						1
S-S-I MARSO DAMSEL 11111-ET	840003127943830						1
S-S-I MARSO GABBY 9591-ET	840003125325481						
S-S-I MARSO GABRIEL 9592-ET	840003125325482						1
S-S-I MARSO GISELLE 9615-ET	840003125325505						1
S-S-I MARSO GRETA 9609-ET	840003125325499						1
S-S-I MARTY 10731 11645-ET	840003133371211						
S-S-I MARTY 10789 11715-ET	840003135087081					C	
S-S-I MARTY 936	840003127408720			C			
S-S-I MASCAL 10045 11446-ET	840003130641961						
S-S-I MASCAL 10045 11462-ET	840003130641702						
S-S-I MASCAL 7372-ET	840003130466075						
S-S-I MASCAL 9215 11470-ET	840003130641953			C		C	
S-S-I MASS BURGUNDY 8736-ET	840003011538135						
S-S-I MASSEY BABE 8572-ET	840003011001476						
S-S-I MASSEY BABS 9031-ET	840003012130300						
S-S-I MASSEY BARB 9032-ET	840003012130301						
S-S-I MASSEY BARRIE 8784-ET	840003011538183						
S-S-I MASSEY BERLYNN8565-ET	840003011001469						
S-S-I MASSEY BERNI 8789-ET	840003011538188						
S-S-I MASSEY BRINA 8740-ET	840003011538139						
S-S-I MASSEY DOUBLE 8764-ET	840003011538163						
S-S-I MASSEY MARIA 8771-ET	840003011538170						
S-S-I MASSEY MASSEY 8739-ET	840003011538138						
S-S-I MASSEY MENA 8887-ET	840003011538286						
S-S-I MASSEY MENDI 8879-ET	840003011538278						
S-S-I MASSEY MERCY 8881-ET	840003011538280						
S-S-I MASSEY MESA 8867-ET	840003011538266						
S-S-I MASSEY MESSY 8884-ET	840003011538283						
S-S-I MASSEY META 8860-ET	840003011538259						
S-S-I MASSEY MIKA 8890-ET	840003011538289						
S-S-I MASSEY MITRA 8861-ET	840003011538260						
S-S-I MASSEY WERA 8830-ET	840003011538229						
S-S-I MASSEY WILLOW 8817-ET	840003011538216						
S-S-I MASSEY WINDS 8766-ET	840003011538165						
S-S-I MASSEY WINDY 8820-ET	840003011538219						
S-S-I MATUSHA 9105-ET	840003012130374						
S-S-I MAURIC DANNAH 8077-ET	840003009554600						
S-S-I MAURICE 5318 10021-ET	840003012559826						
S-S-I MAURICE 5822 10151-ET	840003013177360						
S-S-I MAURICE 5822 10163-ET	840003013177373						
S-S-I MAURICE 6304	USA 71129379						
S-S-I MAURICE 7763 10044-ET	840003012559869						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
S-S-I MAURICE 7763 10089-ET	840003012560039						1
S-S-I MAURICE 7763 10094-ET	840003012560063						
S-S-I MAURICE 7763 10096-ET	840003012560065						
S-S-I MAURICE 7809 10026-ET	840003012559835						
S-S-I MAURICE 7887 10131-ET	840003013177271						
S-S-I MAURICE DANN 8087-ET	840003009554610						
S-S-I MAURICE EDEN 8061-ET	840003009554584						
S-S-I MAURICE HEY 8089-ET	840003009554612						
S-S-I MAURICE M 8929-ET	840003012130198						
S-S-I MAURICE SBN 8079-ET	840003009554602						
S-S-I MAUSER WALNUT 7191-ET	840003007701846						
S-S-I MAUSER WESLEY 7247-ET	840003007701902						
S-S-I MAXUM BRIELLE 7734-ET	840003008897747						
S-S-I MAXUM DANDY 7646-ET	840003008897659						
S-S-I MAXUM MINDY 7633-ET	840003008897646					C	
S-S-I MAXUM MINDY 7634-ET	840003008897647					C	
S-S-I MAXUM MINDY 7642-ET	840003008897655					C	
S-S-I MAXUM MINDY 7648-ET	840003008897661					C	
S-S-I MAXUM MINDY 7651-ET	840003008897664					C	
S-S-I MAXUM MINDY 7653-ET	840003008897666					C	
S-S-I MAYFIELD 6308	USA 71129383						
S-S-I MAYFIELD EMERY	840003126243353						
S-S-I MAYFIELD HERO 8135-ET	840003009554658						
S-S-I MAYFIELD LISA 8126-ET	840003009554649						
S-S-I MAYFIELD LISA 8276-ET	840003011001180						
S-S-I MAYFIELD SASHA8267-ET	840003011001171						
S-S-I MAYFLD 7157 8148-ET	840003009554671			C			
S-S-I MAYFLD CREDEN 8176-ET	840003009554699						
S-S-I MAYFLD FREDD 8120-ET	840003009554643						
S-S-I MAYFLD FREDDIE8178-ET	840003009554701						
S-S-I MAYFLD OKILAN 8117-ET	840003009554640						
S-S-I MAYFLD SHEEN 8097-ET	840003009554620						
S-S-I MAYFLD TOTEM 8128-ET	840003009554651						
S-S-I MAYFLD WHISPER8099-ET	840003009554622						
S-S-I MCC 5328 8220-ET	840003009554743						
S-S-I MCC EDEN 8290-ET	840003011001194						
S-S-I MCC GABRIEL 8328-ET	840003011001232						
S-S-I MCC GALI 8339-ET	840003011001243						
S-S-I MCC HERO 8262-ET	840003011001166		C				
S-S-I MCC HERO 8263-ET	840003011001167		C				
S-S-I MCC HERO 8269-ET	840003011001173		C				
S-S-I MCC HERO 8273-ET	840003011001177						
S-S-I MCC HERO 8282-ET	840003011001186		C				
S-S-I MCC MAB 8346-ET	840003011001250						
S-S-I MCC MAITLYN 8361-ET	840003011001265						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MCC MALI 8255-ET	840003011001159						
S-S-I MCC MALI 8258-ET	840003011001162			C			
S-S-I MCC MALIA 8366-ET	840003011001270						
S-S-I MCC MOJO 8304-ET	840003011001208					C	
S-S-I MCC RUBY 8287-ET	840003011001191						
S-S-I MCC SBN5328 8293-ET	840003011001197						
S-S-I MCC TRINITY 8266-ET	840003011001170						
S-S-I MCCUTCHEN CREDIT	840003011148478						
S-S-I MEGASIRE DIVA 9557-ET	840003125325447						
S-S-I MEGASRE ADELE 9631-ET	840003125325521						
S-S-I MEGSIR MILEY 11038-ET	840003126218710						
S-S-I MEGSR MADONA 11042-ET	840003126218600					C	
S-S-I MESORCO MACI 11063-ET	840003126218640					C	
S-S-I MESORCO TESS 10963-ET	840003126822813					C	
S-S-I MESRC MARIEL 11036-ET	840003126218734					C	
S-S-I MESRC MOLLIE 11007-ET	840003126218717						
S-S-I MESRC MURPHY 10979-ET	840003126218628					C	
S-S-I MESRC NADINE 11080-ET	840003126822695			C			
S-S-I MGCDAY 8519 10757-ET	840003123886073						
S-S-I MHWK 7662 10325-ET	840003014258803					C	
S-S-I MHWK 8013 10361-ET	840003014258939					C	
S-S-I MHWK 8018 10432-ET	840003014334878						
S-S-I MHWK 8047 10323-ET	840003014258933						
S-S-I MHWK 8047 10345-ET	840003014258977			C			
S-S-I MHWK 8047 10351-ET	840003014258889			C			
S-S-I MHWK 8047 10353-ET	840003014258973			C			
S-S-I MHWK 8047 10368-ET	840003014258994						
S-S-I MHWK 8054 10329-ET	840003014258761			C			
S-S-I MHWK 8087 10420-ET	840003014334920			C			
S-S-I MHWK 8089 10414-ET	840003014334778						
S-S-I MHWK 8089 10419-ET	840003014334924						
S-S-I MHWK 8089 10426-ET	840003014334814						
S-S-I MIDGARD 10398 7337-ET	840003131003416						
S-S-I MIDGARD 10821 7273-ET	840003131003352						
S-S-I MIDGARD 10821 7287-ET	840003131003366						
S-S-I MIDGARD DEBI 7292-ET	840003131003371						
S-S-I MIDGARD DEBI 7306-ET	840003131003385						
S-S-I MIDGARD MABEL 7295-ET	840003131003374						
S-S-I MIDGARD MABEL 7300-ET	840003131003379						
S-S-I MIDGRD 10398 11707-ET	840003135087062						
S-S-I MIDGRD 10398 11709-ET	840003135087097						
S-S-I MIDGRD 10821 11716-ET	840003135087040						
S-S-I MIDLAND BRUNA 8876-ET	840003011538275			C			
S-S-I MIDNGHT 2411 10458-ET	840003014334976						
S-S-I MIDNGHT 2411 10461-ET	840003014334789						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MIDNGHT 2411 10465-ET	840003014335006			C			
S-S-I MIDNGHT 7990 10479-ET	840003014335054						
S-S-I MIDNGHT 8047 10447-ET	840003014334990						
S-S-I MIDNGHT 8047 10448-ET	840003014334994						
S-S-I MIDNGHT 8047 10484-ET	840003014334859						
S-S-I MIDNGHT 8332 10638-ET	840003123885894						
S-S-I MIDNGHT 8332 10667-ET	840003123885812						
S-S-I MIDNGHT 8336 10620-ET	840003123600876						
S-S-I MIDNGHT 8379 10616-ET	840003123885957						
S-S-I MIDNIGHT 15011	840003124844098						
S-S-I MILES 7392 10071-ET	840003012559960						
S-S-I MILES 7392 10072-ET	840003012559967						
S-S-I MILES 7392 10365-ET	840003013177389						
S-S-I MILES 7653 10103-ET	840003012560113						
S-S-I MILES 7662 10095-ET	840003012560064					C	
S-S-I MILES 7763 10139-ET	840003013177253						1
S-S-I MILES 7763 10146-ET	840003013177327						
S-S-I MILES 7763 10147-ET	840003013177380						1
S-S-I MILES 7763 10149-ET	840003013177386						1
S-S-I MILES 7913 10106-ET	840003012560126						
S-S-I MILES 7975 10116-ET	840003013177404						
S-S-I MILES 8012 10141-ET	840003013177300						
S-S-I MILES 8013 10157-ET	840003013177315						
S-S-I MILES 8016 10118-ET	840003013177411						
S-S-I MILES 8942-ET	840003012130211						
S-S-I MILES SAMSONITE	840003012506985						
S-S-I MILES ZELMA 10100-ET	840003012560082						
S-S-I MILLION MACAYLA-ET	840003006972785						
S-S-I MILLION MACEE-ET	840003006972786						
S-S-I MILLNGTN 2133 7084-ET	840003131003163						1
S-S-I MILLNGTN 8948 7114-ET	840003131003193						
S-S-I MILLNGTN 8948 7290-ET	840003131003369						
S-S-I MILNGTN 10358 7173-ET	840003131003252						
S-S-I MILNGTN 10358 7188-ET	840003131003267						
S-S-I MILNGTN 10358 7196-ET	840003131003275						
S-S-I MILNGTN 10429 7204-ET	840003131003283						
S-S-I MILNGTN 10763 7220-ET	840003131003299						
S-S-I MILNGTN 10763 7227-ET	840003131003306						
S-S-I MILNGTN 10804 7195-ET	840003131003274						
S-S-I MILNGTN 10804 7203-ET	840003131003282						
S-S-I MILSN BRENDA 10980-ET	840003126218755						
S-S-I MILSN DESTINY10958-ET	840003126822814						
S-S-I MILSN LADY G 10990-ET	840003126218751						
S-S-I MILSON 472	840003013659557						
S-S-I MILSON 533	840003127408317						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MILSON 556	840003127408340						
S-S-I MILSON 678	840003127408462						
S-S-I MILSON BAMBI 9572-ET	840003125325462						
S-S-I MILSON BREYA 11000-ET	840003126218726						
S-S-I MILSON JADE 11084-ET	840003126822778						
S-S-I MILSON LEGEND10976-ET	840003126218690						
S-S-I MILSON MADDIE 9560-ET	840003125325450						
S-S-I MILSON MAEVE 9563-ET	840003125325453						
S-S-I MILSON MAISY 9559-ET	840003125325449						
S-S-I MILSON ULA 11018-ET	840003126822821						
S-S-I MILSON UMA 10987-ET	840003126218697						
S-S-I MINOS 5836-ET	USA 70119537						
S-S-I MINOS BLONDIE 7312-ET	840003008328710						
S-S-I MINOS BOBBY 7351-ET	840003008328749						
S-S-I MINOS BRADY 7362-ET	840003008328760						
S-S-I MINOS EDEN 7099-ET	840003004672709						
S-S-I MINOS EVE 7102-ET	840003004672712						
S-S-I MINOS MIXER 7103-ET	840003004672713						
S-S-I MINOS MYRTLE 7359-ET	840003008328757			C			
S-S-I MINOS WESLEY 7100-ET	840003004672710						
S-S-I MINOS WYOME 7090-ET	840003004672700			C			
S-S-I MINTMAKER PIE 8084-ET	840003009554607						
S-S-I MISOURI 9096 11392-ET	840003129016004						
S-S-I MISURI 10217 11393-ET	840003129016203						
S-S-I MITEY 7417-RED-ET	840003008328815						1
S-S-I MIXER MARIAH 8029-ET	840003009554552						
S-S-I MLLNGTN 10669 7153-ET	840003131003232						
S-S-I MLNGTN 10228 11527-ET	840003130641657						
S-S-I MLNGTN 10251 11578-ET	840003133371429						
S-S-I MLNGTN 10398 11588-ET	840003133370913						
S-S-I MLNGTN 10763 11624-ET	840003133371165						
S-S-I MLNGTN 10763 11634-ET	840003133371263						
S-S-I MLNGTN 10763 11641-ET	840003133371273						
S-S-I MLTUD WYNNI 9763-P-ET	840003128910168						2
S-S-I MNSFLD 10380 11603-ET	840003133371135			C			
S-S-I MNSFLD LOVLYP 7142-ET	840003131003221						
S-S-I MNTRY MARYAN 11257-ET	840003128769116						
S-S-I MNTRY MAXIMA 11300-ET	840003129016334						
S-S-I MNTRY MAXINE 11296-ET	840003129016395						
S-S-I MNTRY MILANA 11301-ET	840003129016352						
S-S-I MODERN 4961 9466-ET	840003125325356						
S-S-I MODERN-P 9476-P-ET	840003125325366						1
S-S-I MODERN-P8018 10873-ET	840003125613885					C	
S-S-I MODESTO GLORY 11065	840003126822827						
S-S-I MODESTY 10880 7362-ET	840003131003441						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MODESTY 8971 7339-ET	840003131003418						
S-S-I MODESTY 8972 7340-ET	840003131003419						
S-S-I MODESTY 8972 7344-ET	840003131003423						
S-S-I MODESTY 9453 7356-ET	840003131003435						
S-S-I MODESTY 9477 7342-ET	840003131003421						
S-S-I MODESTY 9477 7353-ET	840003131003432						
S-S-I MODESTY 9481 7350-ET	840003131003429						
S-S-I MODN HALLE 9502-PP-ET	840003125325392						1
S-S-I MODRN WILLOW 9599-ET	840003125325489						1
S-S-I MODRN-P WENDY 9713-ET	840003128459566						1
S-S-I MOGUL EARHART 7952-ET	840003009554475						
S-S-I MOGUL ETERNAL 7932-ET	840003009554455						
S-S-I MOGUL LYLA	USA 71262849						
S-S-I MOGUL MAHO 8054-ET	840003009554577						
S-S-I MOGUL MAKENNA 7953-ET	840003009554476						
S-S-I MOGUL MALAKI 7959-ET	840003009554482						
S-S-I MOGUL MALI 6488	USA 71129563			C			
S-S-I MOGUL MALI 8059-ET	840003009554582			C			
S-S-I MOGUL MALI 8067-ET	840003009554590						
S-S-I MOGUL MALIBU 7968-ET	840003009554491						
S-S-I MOGUL MAYHEM 7963-ET	840003009554486						
S-S-I MOGUL OSANNA 7950-ET	840003009554473						
S-S-I MOGUL OSWALLY 8047-ET	840003009554570						
S-S-I MOGUL SALTS 8018-ET	840003009554541					C	
S-S-I MOGUL SASHA 7970-ET	840003009554493						
S-S-I MOGUL SATURDAY8013-ET	840003009554536					C	
S-S-I MOGUL SUPER 7913-ET	840003009554436						
S-S-I MOGUL WHISK	840003011148101						
S-S-I MONARCH LULU 8888-ET	840003011538287						
S-S-I MONT 1882 10824-ET	840003125202030						
S-S-I MONT 1882 10836-ET	840003125202051						
S-S-I MONT 1882 9272-ET	840003012130541						
S-S-I MONT 8316 10823-ET	840003125202003						
S-S-I MONT 8332 10723-ET	840003123886004						
S-S-I MONT 8332 10860-ET	840003124584929						
S-S-I MONT 8379 10735-ET	840003124584792						
S-S-I MONT 8395 10718-ET	840003124584773					C	
S-S-I MONT 8433 10852-ET	840003124584958						
S-S-I MONT 8538 10725-ET	840003123886000						
S-S-I MONT 8538 10743-ET	840003123886080						
S-S-I MONT 8646 10720-ET	840003123885999						
S-S-I MONT 8646 10731-ET	840003123885970						
S-S-I MONT 8679 10721-ET	840003123886006					C	
S-S-I MONT 8679 10726-ET	840003123885975					C	
S-S-I MONT 8755 10826-ET	840003125202001						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MONT 8828 10817-ET	840003125202027						
S-S-I MONT 8828 10828-ET	840003125202042						
S-S-I MONT 9273-ET	840003012130542						
S-S-I MONT 9274-ET	840003012130543						
S-S-I MONT 9452-ET	840003125325342						
S-S-I MONT 9470-ET	840003125325360						
S-S-I MONT 9473-ET	840003125325363						
S-S-I MONT 9474-ET	840003125325364						
S-S-I MONT 9480-ET	840003125325370						
S-S-I MONT 9486-ET	840003125325376						
S-S-I MONT JORAY 10821-ET	840003125202028						
S-S-I MONT JORAY 10822-ET	840003125202031						
S-S-I MONT LACE 9271-ET	840003012130540						
S-S-I MONTERY TONI 11328-ET	840003129015900						
S-S-I MONTERY ZORA 11321-ET	840003129016163						
S-S-I MONTR 8548 10903-ET	840003125613820						
S-S-I MONTROSS 1882 9498-ET	840003125325388						
S-S-I MONTRS BIANCA11003-ET	840003126218721						
S-S-I MONTRSS BRIA 10996-ET	840003126218622						
S-S-I MONTRSS DREAM 9463-ET	840003125325353			C			
S-S-I MONTRY BRYLA 11295-ET	840003129016342						
S-S-I MONTRY MADGE 11307-ET	840003129016346						
S-S-I MONTRY MAPLE 11345-ET	840003129016039						
S-S-I MONTRY MARDI 11342-ET	840003129015919						
S-S-I MONTRY MARLA 11349-ET	840003129015874						
S-S-I MONTRY MARYM 11252-ET	840003128769123						
S-S-I MONTRY MIDGE 11305-ET	840003129016351						
S-S-I MONTRY YASMIN 9654-ET	840003125325544						
S-S-I MONTRY YVETTE 9659-ET	840003125325549						
S-S-I MOONBOY HEART 8194-ET	840003009554717		C				
S-S-I MOONBOY HERO 8203-ET	840003009554726						
S-S-I MOONBOY HERO 8204-ET	840003009554727						
S-S-I MOONBOY HERO 8206-ET	840003009554729						
S-S-I MOONBOY HERO 8208-ET	840003009554731						
S-S-I MOONBOY HERO 8210-ET	840003009554733		C				
S-S-I MOONR MONICA 8900-ET	840003012130169						
S-S-I MOONRAY 2054	840003012644398						
S-S-I MOONRAY LAURA 9072-ET	840003012130341						
S-S-I MOONRAY MAURA 9112-ET	840003012130381					C	
S-S-I MOONRY LEIGHA 9081-ET	840003012130350						
S-S-I MOONRY LEONIE 9082-ET	840003012130351						
S-S-I MOONRY MAKALA 9099-ET	840003012130368					C	
S-S-I MOONRY MYESHA 9071-ET	840003012130340						
S-S-I MOOSE 10501 11505-ET	840003130641488						
S-S-I MOOSE 5866	840003127756720						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MORDEN 9192-ET	840003012130461						1
S-S-I MORGAN SHALYN 8673-ET	840003011538072						
S-S-I MORGAN XENA 8497-ET	840003011001401						
S-S-I MORGN CAMERON 9108-ET	840003012130377						
S-S-I MORPH BILOXI 7278-ET	840003008328676						
S-S-I MORPH ELIS 7237-ETS	840003007701892						
S-S-I MORPH ENVIOUS 7215-ET	840003007701870						
S-S-I MORPH ESSENCE 7233-ET	840003007701888						
S-S-I MOTEGA 10375 11514-ET	840003130641473						
S-S-I MOTEGA 10375 11516-ET	840003130641498						
S-S-I MOTEGA 10375 11524-ET	840003130641624						
S-S-I MOTEGA 10375 11559-ET	840003133361948						
S-S-I MOTEGA 10791 7208-ET	840003131003287						
S-S-I MOTEGA 10791 7218-ET	840003131003297						
S-S-I MOTEGA 8828 11526-ET	840003130641656						
S-S-I MOTEGA JINXED 7156-ET	840003131003235						
S-S-I MOTEGA JINXED 7160-ET	840003131003239						
S-S-I MOTEGA SKYE 7089-ET	840003131003168						
S-S-I MOVIERUSH 5634	USA 72644859						
S-S-I MOWGLI 7628 10372-ET	840003014258993						
S-S-I MOWGLI 7894 10159-ET	840003013177308					C	
S-S-I MOWGLI 7894 10168-ET	840003013923859					C	
S-S-I MOWGLI 7900 10148-ET	840003013177387					C	
S-S-I MRC F 8917-ET	840003012130186						
S-S-I MRC F 8920-ET	840003012130189						
S-S-I MRCE DANNAH 8092-ET	840003009554615						
S-S-I MRCE SUPER68 8093-ET	840003009554616					C	
S-S-I MSCL MALINA 9102-ET	840003012130371						
S-S-I MSCL MANGOLIA 9098-ET	840003012130367						
S-S-I MSCL ODESSA 9103-ET	840003012130372						
S-S-I MSCLS 7950 10174-ET	840003013923826						
S-S-I MSCLS 7959 10178-ET	840003013923843						
S-S-I MSCLS 8013 10173-ET	840003013923828						
S-S-I MSCLS 8016 10171-ET	840003013923832						
S-S-I MSCLS 8016 10186-ET	840003013923896						
S-S-I MSCLS 8074 10166-ET	840003013923816						
S-S-I MSCLS 8074 10169-ET	840003013923823						
S-S-I MSCLS MADELENA9089-ET	840003012130358						
S-S-I MUCHO 7662 10225-ET	840003013923958			C		C	
S-S-I MUCHO 7950 10307-ET	840003014258849						
S-S-I MUCHO 7970 10283-ET	840003014258823			C			
S-S-I MUCHO 7975 10203-ET	840003013923949						
S-S-I MUCHO 7990 10229-ET	840003013923961						
S-S-I MUCHO MADDIE	840003012506984						1
S-S-I MUDD SPRINKLE 7046-ET	840003006972821	C					

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I MULTD WHITNEY 9776-ET	840003128910181						2
S-S-I MULTI 2411 10421-ET	840003014334923						
S-S-I MULTI 2411 10429-ET	840003014334896			C			
S-S-I MULTI 7514 10328-ET	840003014258748					C	
S-S-I MULTI 7514 10331-ET	840003014258921			C		C	
S-S-I MULTI 7514 10339-ET	840003014258762			C		C	
S-S-I MULTI 7577 10292-ET	840003014258775						
S-S-I MULTI 7662 10270-ET	840003013923985					C	
S-S-I MULTI 7662 10301-ET	840003014258875						
S-S-I MULTI 8087 10315-ET	840003014258798						
S-S-I MULTITD WYNEE 9771-ET	840003128910176						1
S-S-I MUSCDT 10255 11493-ET	840003130641445						
S-S-I MYSTIC KACI 9075-ET	840003012130344					C	
S-S-I NIAGRA 7022-ET	840003006972797						
S-S-I OBSERV FANNY 7115-ET	840003004672725						
S-S-I OBSERV MANTECA7197-ET	840003007701852					C	
S-S-I OBSERV MERCED 7196-ET	840003007701851						
S-S-I OBSERV MORADA 7250-ET	840003008328648						
S-S-I OBSERVER FIFA 7113-ET	840003004672723						
S-S-I OCEAN 10358 11545P-ET	840003133370896						1
S-S-I OCEAN 10465 11535P-ET	840003130641669						1
S-S-I OCEAN 10720 11552P-ET	840003133370943						
S-S-I OCEAN 10721 11540P-ET	840003133370832						1
S-S-I OCEAN 9112 11536 P-ET	840003130641641						1
S-S-I OCEANPP GEM 7140 P-ET	840003131003219			C			
S-S-I OCOSMO KAELEE 8666-ET	840003011538065						
S-S-I OCOSMO KALISA 8646-ET	840003011001550						
S-S-I OCOSMO MARETTA8706-ET	840003011538105						
S-S-I OCOSMO MARIAH 8714-ET	840003011538113					C	
S-S-I OCOSMO MIKI 8654-ET	840003011538053					C	
S-S-I OCOSMO MINERVA8655-ET	840003011538054					C	
S-S-I OCOSMO MINETTE8657-ET	840003011538056						
S-S-I OCOSMO MINNA 8661-ET	840003011538060					C	
S-S-I OCTBFT 10429 11666-ET	840003133371351						
S-S-I OCTFEST DEBI 7289-ET	840003131003368						
S-S-I OFFIE MURA 8665-ET	840003011538064						
S-S-I OFFIE TALLEY 8636-ET	840003011001540						
S-S-I OFFIE TANDY 8638-ET	840003011001542		C				
S-S-I OFFIE TASHA 8640-ET	840003011001544		C				
S-S-I OFFIE TEODORA 8659-ET	840003011538058		C				
S-S-I OFFIE WYANET 8549-ET	840003011001453						
S-S-I OHARE 7733 10457-P-ET	840003014335038						
S-S-I OHARE 8233 10549-P-ET	840003123600723						
S-S-I OHARE JORAY 9257-ET	840003012130526			C			
S-S-I OLEGANT DEE 8765-ET	840003011538164						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I OLYM EMMALEE 9051-ET	840003012130320						
S-S-I OLYM WASHI 9048-ET	840003012130317						
S-S-I OLYMIC EBONY 9079-ET	840003012130348						
S-S-I OLYMP LATONYA 9073-ET	840003012130342						
S-S-I OLYMPC STEFFI 9066-ET	840003012130335			C			
S-S-I OLYMPIC 6817	USA 72190897			C			
S-S-I OLYMPIC 7273 9092-ET	840003012130361						
S-S-I ORBIT PARIS 9010-ET	840003012130279			C			
S-S-I OSTYLE ASIA 7854-ET	840003009554377			C			
S-S-I OSTYLE CAPRICORN 7830	840003008897843						
S-S-I OSTYLE NELLY 7762-ET	840003008897775			C			
S-S-I OSTYLE NIKO 7752-ET	840003008897765			C			
S-S-I OSTYLE POSEY 7712-ET	840003008897725						
S-S-I OSTYLE POUNCE 7702-ET	840003008897715			C			
S-S-I OSTYLE PUCKER 7722-ET	840003008897735						
S-S-I OSTYLE PUFFS 7705-ET	840003008897718			C			
S-S-I OSTYLE TIME 7718-ET	840003008897731						
S-S-I OSTYLE TONYA 7728-ET	840003008897741			C			
S-S-I OVERBAY 5318 10532-ET	840003123600829						
S-S-I OVRBY 5318 10298-ETS	840003014258868						
S-S-I OVRBY 5318 10299-ETS	840003014258870						
S-S-I OVRBY 6202 10434-ET	840003014334950						
S-S-I OVRBY 6202 10453-ET	840003014334995						
S-S-I OVRBY 6202 10468-ET	840003014334797						
S-S-I OVRBY 8215 10401-ET	840003014335077						
S-S-I OVRBY 8215 10416-ET	840003014335060						
S-S-I PARISH JELLO 8391-ET	840003011001295						
S-S-I PARISH MAMIE 8388-ET	840003011001292						
S-S-I PARTY 7628 10374-ET	840003014258966						
S-S-I PARTY 7628 10409-ET	840003014259034						
S-S-I PARTY 7707 10418-ET	840003014335061			C		C	
S-S-I PARTY 7739 10327-ET	840003014258757						
S-S-I PARTY 7739 10350-ET	840003014258896						
S-S-I PARTY 7739 10352-ET	840003014258897						
S-S-I PARTY 7950 10364-ET	840003014258944						
S-S-I PARTY 7950 10375-ET	840003014258989						
S-S-I PARTY 7990 10427-ET	840003014334817						
S-S-I PARTY 7990 10430-ET	840003014334897						
S-S-I PARTY 8445 9296-ET	840003012130565					C	
S-S-I PATRIOT FLO 7874-ET	840003009554397					C	1
S-S-I PATRIOT FLY 7870-ET	840003009554393					C	1
S-S-I PATRIOT FOO 7873-ET	840003009554396					C	
S-S-I PATRIOT FRIDAY7864-ET	840003009554387						1
S-S-I PATRIOT MARGIE7822-ET	840003008897835						
S-S-I PATRIOT MARIAH7807-ET	840003008897820						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I PATRIOT MARV 7975-ET	840003009554498						
S-S-I PATRIOT MAX 7976-ET	840003009554499						
S-S-I PATRIOT MOLLY 7819-ET	840003008897832						
S-S-I PATRIOT STAYZ 8049-ET	840003009554572						
S-S-I PBL MAKENA 11310-P-ET	840003129016148					C	
S-S-I PENLEY 9215 11411-ET	840003129016218						
S-S-I PENLEY 9215 11413-ET	840003130641574			C		C	
S-S-I PENLEY LAILAH 9864-ET	840003128910269			C			
S-S-I PENLEY STEPH 11303-ET	840003129015980			C		C	
S-S-I PENLEY YASU 9871-ET	840003128910276			C			
S-S-I PENLEY YELENA 9779-ET	840003128910184			C			
S-S-I PENLEY YELLOW 7072-ET	840003131003151						
S-S-I PENLEY YELLOW 7077-ET	840003131003156			C			
S-S-I PENLEY YOKO 9786-ET	840003128910191						
S-S-I PENLEY YORI 9792-ET	840003128910197			C			
S-S-I PENLY JENIFER 9866-ET	840003128910271			C			
S-S-I PENLY ZARRIA 11325-ET	840003129016031						
S-S-I PEOTI MASH 7739-ET	840003008897752						
S-S-I PEOTI MOON 7748-ET	840003008897761						
S-S-I PETRONE 5342	USA 72019121						
S-S-I PETRONE 6474	USA 71129549						
S-S-I PETRONE FLOWER8218-ET	840003009554741						
S-S-I PETRONE FLOWER8259-ET	840003011001163						
S-S-I PETRONE FLOWER8260-ET	840003011001164						
S-S-I PETRONE HAYDEN8016-ET	840003009554539						
S-S-I PETRPN ALYSSA 9706-ET	840003128459573						
S-S-I PETY 8452 10634-ET	840003123885896						
S-S-I PETY 8452 10653-ET	840003123600701						
S-S-I PETY 8452 10654-ET	840003123885884						
S-S-I PETY 8452 10678-ET	840003123885871						
S-S-I PETY 8473 10648-ET	840003123885887					C	
S-S-I PETY 8473 10664-ET	840003123885944						
S-S-I PK IOTA LEEONA 5978	USA 70119679						
S-S-I PLAIN-KNOLL CIVIL 654	840003127408438						
S-S-I PLAINKNOLL BRODIE 881	840003127408665						
S-S-I PLAN PERRY 7186-ET	840003007701841						
S-S-I PLAN WINSLET 7284-ET	840003008328682						
S-S-I PLATINM 7722 10076-ET	840003012559983			C		C	
S-S-I PLATINM 7722 10122-ET	840003013177440			C		C	
S-S-I PLATINM MARKE 9050-ET	840003012130319			C		C	
S-S-I PLATINM MASON 9024-ET	840003012130293						
S-S-I PLATINM SOFIA 9185-ET	840003012130454						
S-S-I PLATN F 8904-ET	840003012130173						
S-S-I PLATN F 8906-ET	840003012130175						
S-S-I PLATN F 8907-ET	840003012130176						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I PLATNM MARTY 9022-ET	840003012130291					C	
S-S-I PLATNM MICKEY 9014-ET	840003012130283			C			
S-S-I PLATNM PERLIE 9195-ET	840003012130464			C		C	
S-S-I PLATO BANKS 7188-ET	840003007701843						
S-S-I PLATO BOUNCE 7245-ET	840003007701900						
S-S-I PLATO BUCKY 7248-ET	840003007701903						
S-S-I PLATO DANICA 7189-ET	840003007701844						
S-S-I PLATO EVERETT 7249-ET	840003007701904						
S-S-I PLATO K WALLS 7131-ET	840003004672741						
S-S-I PLATO LORAMIE 7205-ET	840003007701860						
S-S-I PLATO MULAN 7235-ET	840003007701890					C	
S-S-I PLATO SKATER 7553-ET	840003008897566						
S-S-I PLATO SKIPPER 7549-ET	840003008328947						
S-S-I PLATO W 7208-ET	840003007701863						
S-S-I PLATO WAPAK 7206-ET	840003007701861						
S-S-I PLATO WILD 7274-ET	840003008328672						
S-S-I PLTNM ELEXIS 9094-ET	840003012130363			C			
S-S-I PLUTO 536	840003127408320						
S-S-I PLUTO AMBER 9564-ET	840003125325454						
S-S-I PLUTO AQUA 9595-ET	840003125325485						
S-S-I PLUTO KANDY 11069-ET	840003126822649						
S-S-I PLUTO MALIA 11095-ET	840003126822728					C	
S-S-I PLUTO MALINA 11096-ET	840003126822661						
S-S-I PLUTO MARLEE 11081-ET	840003126822694						
S-S-I PLUTO MELINA 11048-ET	840003126218744					C	
S-S-I PLUTO OLIVIA 9637-ET	840003125325527						
S-S-I PLUTO PAIGE 9625-ET	840003125325515						
S-S-I PLUTO PIA 11185-ET	840003127943769						
S-S-I PLUTO PIPER 11186-ET	840003127943772						
S-S-I PLUTO PIPPA 11193-ET	840003127943758						
S-S-I PNLY MELANIA 11377-ET	840003129016310			C			
S-S-I POWERBAL LACE 9876-ET	840003128910281						
S-S-I POWERBAL MAJA 9770-ET	840003128910175			C		C	
S-S-I POWERBAL MIO 9785-ET	840003128910190						
S-S-I POWERBL JORAY 9888-ET	840003128910293						
S-S-I POWERBL JORAY 9892-ET	840003128910297						
S-S-I POWERBL JORAY 9895-ET	840003128910300						
S-S-I POWERBL JORAY 9900-ET	840003128910305						
S-S-I POWERBL JORAY 9902-ET	840003128910307						
S-S-I POWERBL MAAZA 9753-ET	840003128910158					C	
S-S-I POWERBL MABEL 7056-ET	840003131003135					C	
S-S-I POWERBL MAILE 9787-ET	840003128910192						
S-S-I POWERBL PETRA 9668-ET	840003125325558			C			
S-S-I POWERBL PIPPA 9658-ET	840003125325548						
S-S-I POWERBL POPPY 9666-ET	840003125325556			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I POWRB MACI 11302-P-ET	840003129015991						
S-S-I POWRBL 8426 9896 P-ET	840003128910301						
S-S-I POWRBL LACE 9884 P-ET	840003128910289						
S-S-I POWRBL LACE 9887 P-ET	840003128910292						
S-S-I POWRBL MATTIE 9793-ET	840003128910198						
S-S-I POWRBL MYA 11308-P-ET	840003129015976					C	
S-S-I PRBL MARLEY P 9790-ET	840003128910195			C		C	
S-S-I PRBL WILLOW 9814-P-ET	840003128910219						1
S-S-I PRBL WINONA-P 9830-ET	840003128910235						
S-S-I PRED C 8901-ET	840003012130170						3
S-S-I PRED C 8908-ET	840003012130177			C			
S-S-I PRED MADDIE 9088-ET	840003012130357						3
S-S-I PRED MARIDEL 9046-ET	840003012130315					C	3
S-S-I PRED MARQUEZ 9056-ET	840003012130325					C	3
S-S-I PRED MILLER 9068-ET	840003012130337						3
S-S-I PRED SNOWSTORM9124-ET	840003012130393			C			3
S-S-I PRED VIRTUE 9129-ET	840003012130398						
S-S-I PREDEST BASIA 9126-ET	840003012130395						
S-S-I PREDEST RAZOR 9147-ET	840003012130416						3
S-S-I PREDEST SINA 9091-ET	840003012130360			C			
S-S-I PROFIT 10106 11506-ET	840003130641522						
S-S-I PROFIT 10106 11509-ET	840003130641545						
S-S-I PROFIT 10174 11497-ET	840003130641482						
S-S-I PROFIT 10228 7206-ET	840003131003285						
S-S-I PROFIT 10228 7226-ET	840003131003305						
S-S-I PROFIT 10255 11561-ET	840003133370860						
S-S-I PROFIT 10270 11521-ET	840003130641654						
S-S-I PROFIT 10380 11531-ET	840003130641608						
S-S-I PROFIT 10420 11533-ET	840003130641612						
S-S-I PROFIT 10429 7096-ET	840003131003175			C			
S-S-I PROFIT 10429 7104-ET	840003131003183						
S-S-I PROFIT 10498 11546-ET	840003133370869						
S-S-I PROFIT 10647 11553-ET	840003133370873						
S-S-I PROFIT 10647 11584-ET	840003133370917					C	
S-S-I PROFIT 10668 11643-ET	840003133371323						
S-S-I PROFIT 10668 7240-ET	840003131003319						
S-S-I PROFIT 7535-ET	840003131910586						
S-S-I PROFIT JINXED 7085-ET	840003131003164						
S-S-I PROFIT MOUND 7155-ET	840003131003234						
S-S-I PROFIT OLYMPC 7131-ET	840003131003210			C			
S-S-I PROFIT VALO 7095-ET	840003131003174						
S-S-I PROFIT VALO 7135-ET	840003131003214						
S-S-I PT 7417 EARN 5751	USA 71859329						
S-S-I PT 8433 MILSON 6481	USA 74024403						
S-S-I PTRNN ARISTOTL9700-ET	840003128459579						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I PTRPN AMETHYS 9632-ET	840003125325522						
S-S-I PUNCH BURT BAMA	USA 72304943						
S-S-I PUNCH NICKEL	840003011148389						
S-S-I PURE MAELIE 11387-ET	840003129016234						1
S-S-I PWRBL PORTIA 11306-ET	840003129016345			C			
S-S-I PWRBL WHITNEY 9841-ET	840003128910246						
S-S-I PWRBL WINTER 9657-ET	840003125325547						
S-S-I PWRL MONTANP 11293-ET	840003129016396						
S-S-I RACER GENA 9568-ET	840003125325458						
S-S-I RACER GINGER 9558-ET	840003125325448						
S-S-I RACER M&M 11062-ET	840003126822652						
S-S-I RACKET 7988 10143-ET	840003013177295						
S-S-I RACKET 7988 10156-ET	840003013177314						
S-S-I RACKET MAYSA 9025-ET	840003012130294			C			
S-S-I RACKET SELDA 9043-ET	840003012130312						
S-S-I RAVISH BABE 7367-ET	840003008328765						
S-S-I RAVISH BABETTE7364-ET	840003008328762						
S-S-I RAVISH BEAR 7365-ET	840003008328763						
S-S-I RAVISH BRYANT 7369-ET	840003008328767						
S-S-I RAVISH BUTTONS7387-ET	840003008328785						
S-S-I RAVISH DEBBY 7342-ET	840003008328740						
S-S-I RAVISH LILLY 7363-ET	840003008328761						
S-S-I RAVISH MOTO 7376-ET	840003008328774						
S-S-I RAY FAITH 9097-ET	840003012130366			C			
S-S-I RAY FAMILY 8902-ET	840003012130171			C			
S-S-I RAY J 8909-ET	840003012130178			C			
S-S-I RAY J 8911-ET	840003012130180			C			
S-S-I RAY OLETHEA 9130-ET	840003012130399						
S-S-I RCKY 8371 10714-ET	840003123886031					C	
S-S-I RCKY 8371 10729-ET	840003123885978					C	
S-S-I RCKY 8654 10732-ET	840003123885984						
S-S-I RCKY 8654 10742-ET	840003123886082						
S-S-I RDGRS 7923 10670-ET	840003124584812						
S-S-I RDGRS 7950 10668-ET	840003014334988						
S-S-I RDGRS 8013 10567-ET	840003123600787						
S-S-I RDGRS 8087 10459-ET	840003014334977						
S-S-I RDGRS 8263 10487-ET	840003014334864						
S-S-I RDGRS 8395 10658-ET	840003123885919						
S-S-I RDGRS 8395 10679-ET	840003124584832						
S-S-I RDGRS 8526 10633-ET	840003123600821						
S-S-I REBEL 8473 10719-ET	840003123885993						
S-S-I REBEL 8473 10740-ET	840003123885988						
S-S-I REBEL 8525 10733-ET	840003123885986					C	
S-S-I REDEEM LOVER 7586-ET	840003008897599						
S-S-I REDEEM LOYAL 7605-ET	840003008897618						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I REDEEM LUCA 7575-ET	840003008897588						
S-S-I REFLECT 1882 9265-ET	840003012130534						
S-S-I REFLECTOR 284	840003013659369						
S-S-I REFLECTOR ELLA	USA 73624667						
S-S-I REFLECTOR UNO 9261-ET	840003012130530						
S-S-I REMARK 10380 11485-ET	840003130641903						
S-S-I REMARK 10380 11488-ET	840003130641898						
S-S-I REMARK 10380 11492-ET	840003130641448						
S-S-I REMARK 308 7069 P-ET	840003131003148						
S-S-I REMARK-P 6614 7039-ET	840003131003118						
S-S-I REMRK 10380 11483-ET	840003130641871						
S-S-I RICHMAN DAPHNE7579-ET	840003008897592						
S-S-I RICHMAN DARMA 7600-ET	840003008897613						
S-S-I RICHMAN DELHI 7258-ET	840003008328656						
S-S-I RICHMAN DENAIR7266-ET	840003008328664						
S-S-I RICHMAN EAN 7568-ET	840003008897581						
S-S-I RICHMAN EERO 7567-ET	840003008897580						
S-S-I RICHMAN ERON 7570-ET	840003008897583						
S-S-I RICHMAN SAGE 7565-ET	840003008897578						
S-S-I RICHMAN STARZ 7574-ET	840003008897587						
S-S-I RMD HOT 10444 3061-ET	840003131045315					C	
S-S-I RMD PGN 10817 3115-ET	840003133300059						
S-S-I RMD PRT 10380 3050-ET	840003131045304						
S-S-I RMRK LOVLY 7070 PP-ET	840003131003149						
S-S-I RMRK RNW308 7068-ET	840003131003147						
S-S-I ROBUST BUENA 7262-ET	840003008328660						
S-S-I ROBUST DEION 7136-ET	840003004672746						
S-S-I ROBUST DESIGN 7220-ET	840003007701875						
S-S-I ROBUST ECALON 7257-ET	840003008328655						
S-S-I ROBUST EMPIRE 7256-ET	840003008328654						
S-S-I ROBUST KEYES 7260-ET	840003008328658						
S-S-I ROBUST MADERA 7264-ET	840003008328662						
S-S-I ROBUST MAGIC 7228-ET	840003007701883						
S-S-I ROBUST MAHO 7083-ET	840003004672693						
S-S-I ROBUST MALI 7097-ET	840003004672707			C			
S-S-I ROBUST TROY 7190-ET	840003007701845						
S-S-I ROBUST TULARE 7259-ET	840003008328657						
S-S-I ROCKY 8654 10750-ET	840003123886075					C	
S-S-I RODGERS 7722 10528-ET	840003123600832						
S-S-I RODGERS 7950 10500-ET	840003123600669						
S-S-I RODGERS 7975 10499-ET	840003014334837						
S-S-I RODGERS 7975 10514-ET	840003123600705						
S-S-I RODGERS 8018 10519-ET	840003123600710						
S-S-I RODGERS 8089 10540-ET	840003123600715						
S-S-I RODGERS MISERY	840003013217059						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I ROSS BOSTON 7210-ET	840003007701865			C			
S-S-I ROSS BRITAIN 7214-ET	840003007701869						
S-S-I ROSS LOUISA 7144-ET	840003004672754			C			
S-S-I RUBCON 10721 11596-ET	840003133371133					C	
S-S-I RUBICN 10721 11579-ET	840003133370965						
S-S-I RUBICN 10721 11581-ET	840003133370918					C	
S-S-I S-ROCK FAYLINN7383-ET	840003008328781						1
S-S-I SALVATORE 8940-ET	840003012130209						
S-S-I SALVTRE 5822 10059-ET	840003012559916			C			
S-S-I SALVTRE 7715 10105-ET	840003012560122						
S-S-I SAMOA MILANO 8215-ET	840003009554738						
S-S-I SAMOA TIME 8076-ET	840003009554599						
S-S-I SANDR SAVANA 11238-ET	840003128769139						
S-S-I SANDRS MAVIS 11287-ET	840003129016459						
S-S-I SANDRS MEENA 11351-ET	840003129015877						
S-S-I SANDRS MEERA 11357-ET	840003129015883						
S-S-I SATCHEL BABS-P 8770-ET	840003011538169						
S-S-I SCRTRT JISELE 9861-ET	840003128910266						
S-S-I SCRTRT SATINI 9825-ET	840003128910230					C	
S-S-I SEARCH AMBRA 7936-ET	840003009554459						
S-S-I SEARCH AUSSY 7912-ET	840003009554435					C	
S-S-I SEARCH BRAVO 7863-ET	840003009554386						
S-S-I SEARCH EASTON 7902-ET	840003009554425						
S-S-I SEARCH EDISON 7905-ET	840003009554428						
S-S-I SEBASTIAN LOE 7101-ET	840003004672711						
S-S-I SEBSTN ELENA 7098-ET	840003004672708						
S-S-I SECRTRAT JULA 9858-ET	840003128910263					C	
S-S-I SECRTRT SATIN 9820-ET	840003128910225						
S-S-I SHAMELESS MAZE7580-ET	840003008897593						
S-S-I SHAMROCK DOVE 7358-ET	840003008328756						
S-S-I SHAMROCK ELI 7694-ET	840003008897707						
S-S-I SHAMROCK ELWAY7696-ET	840003008897709						
S-S-I SHAMROCK EMILY	840003009532154						
S-S-I SHAMROCK FAYE 7372-ET	840003008328770					C	
S-S-I SHAMROCK MAGIC7368-ET	840003008328766					C	
S-S-I SHAMROCK MENNA7392-ET	840003008328790						
S-S-I SHAMROCK MESA 7388-ET	840003008328786					C	
S-S-I SHAMROCK MING 7380-ET	840003008328778						
S-S-I SHAMROCK SAL 7513-ET	840003008328911						
S-S-I SHAMROCK SHEBA7691-ET	840003008897704		C				
S-S-I SHAMROCK SHEEN7609-ET	840003008897622						
S-S-I SHAMROCK SIS 7624-ET	840003008897637						
S-S-I SHAN DAMARIS 3163	USA 72738488						
S-S-I SHAN MANIC	USA 72190762						
S-S-I SHAN MARSHA 8525-ET	840003011001429						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SHAN MOANA 8515-ET	840003011001419						
S-S-I SHAN MONISHA 8507-ET	840003011001411						
S-S-I SHAN MTDEW	840003011670222						
S-S-I SHAN SHARI 8517-ET	840003011001421						
S-S-I SHAN TAMAKA 8760-ET	840003011538159						
S-S-I SHAN TAMIKA 8634-ET	840003011001538						
S-S-I SHAN TEANNA 8755-ET	840003011538154						
S-S-I SHAN VIANCA 8510-ET	840003011001414						
S-S-I SHAN VIVIAN 8516-ET	840003011001420						
S-S-I SHAW HADARA 8371-ET	840003011001275					C	
S-S-I SHAW STEVIE 9015-ET	840003012130284					C	
S-S-I SHAW SUELA 9027-ET	840003012130296					C	
S-S-I SHEP 10251 11472-ET	840003130641948						
S-S-I SHEP 8728 11402-ET	840003129016174						
S-S-I SHEP CALY 7117-ET	840003131003196						
S-S-I SHEP CALY 7121-ET	840003131003200						
S-S-I SHEP LOVELY 7132-ET	840003131003211						
S-S-I SHEP LOVELY-P 7124-ET	840003131003203						
S-S-I SHERF ORIANA 11364-ET	840003129016257						
S-S-I SHERIF MEARA 11331-ET	840003129016053						
S-S-I SHERIF MEDEA 11333-ET	840003129015907						
S-S-I SHERIF PIPER 11272-ET	840003129016424						
S-S-I SHERIF SAMMI 11380-ET	840003129016248						
S-S-I SHERIF STACY 11367-ET	840003129015865						
S-S-I SHERIF YUTIKA 9758-ET	840003128910163						
S-S-I SHERIFF 684	840003127408468						
S-S-I SHERIFF 723	840003127408507			C			
S-S-I SHERIFF MASHA 9812-ET	840003128910217						
S-S-I SHERIFF MASON 9806-ET	840003128910211						
S-S-I SHERIFF MAXI 9817-ET	840003128910222						
S-S-I SHERIFF PIA 11279-ET	840003129016368						
S-S-I SHERIFF ULANI 9789-ET	840003128910194						
S-S-I SHERIFF UPALA 9795-ET	840003128910200						
S-S-I SHERPA 10251 11582-ET	840003133371348			C			
S-S-I SHERPA 10375 7097-ET	840003131003176						
S-S-I SHERPA 10375 7108-ET	840003131003187						
S-S-I SHERPA 7525-ET	840003131910576						
S-S-I SHERPA THRILL 7080-ET	840003131003159						
S-S-I SHI ALM 10731 3358-ET	840003133184751						
S-S-I SHI ALM 10731 3456-ET	840003133184849						
S-S-I SHI ALM 10731 3457-ET	840003133184850						
S-S-I SHI ALM 10731 3475-ET	840003133184868						
S-S-I SHI DPN 10911 3486-ET	840003133184879	C				C	
S-S-I SHI FRN 10106 3398-ET	840003133184791						
S-S-I SHI HBG 10828 3407-ET	840003133184800						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SHI HNZ 10398 3197-ET	840003133184590						
S-S-I SHI JED 10639 3251-ET	840003133184644					C	
S-S-I SHI JRD 10791 3434-ET	840003133184827						
S-S-I SHI MDT 10582 3472-ET	840003133184865						
S-S-I SHI MLT 10501 3274-ET	840003133184667						
S-S-I SHI MTG 10255 2938-ET	840003131563889						
S-S-I SHI MTY 10444 3214-ET	840003133184607						
S-S-I SHI MTY 10817 3493-ET	840003133184886						
S-S-I SHI TPG 10579 3356-ET	840003133184749						
S-S-I SHI TPG 10721 3237-ET	840003133184630					C	
S-S-I SHI TPG 10721 3270-ET	840003133184663					C	
S-S-I SHINE 124 10492-ET	840003014335020						
S-S-I SHINE 7417 9201-P-ET	840003012130470		C				1
S-S-I SHINE 7417 9206-P-ET	840003012130475						
S-S-I SHINE 7417 9209-P-ET	840003012130478						1
S-S-I SHINE 7624 10034-ET	840003012559853		C				
S-S-I SHINE 7707 10057-ET	840003012559911					C	
S-S-I SHINE 7900 10117-ET	840003013177409						
S-S-I SHINE 7970 10075-ET	840003012559978		C				
S-S-I SHINE 7970 10111-ET	840003012560139						
S-S-I SHINE J 8918-ET	840003012130187		C				
S-S-I SHINE J 8921-ET	840003012130190						
S-S-I SHINE MAGIC 9164-ET	840003012130433						
S-S-I SHINE MARI 9140-P-ET	840003012130409		C				
S-S-I SHINE MARINA 9146-ET	840003012130415						
S-S-I SHINE MARINA 9154-ET	840003012130423						
S-S-I SHINE MENNA 9163-ET	840003012130432		C				
S-S-I SHINE MESA 9153-ET	840003012130422						
S-S-I SHINE MESA 9181-ET	840003012130450					C	
S-S-I SHINE R 9197-P-RED-ET	840003012130466						
S-S-I SHINE SIS 10036-ET	840003012559857		C				
S-S-I SHTGLS SHAILA 8571-ET	840003011001475						
S-S-I SHTGLS SIRENA 9000-ET	840003012130269						
S-S-I SHTGLSS MARLO 9003-ET	840003012130272						
S-S-I SHTGLSS MARLYN9005-ET	840003012130274						
S-S-I SHTGLSS MARNI 9004-ET	840003012130273						
S-S-I SHTGLSS MENNA 6730	USA 72190810						
S-S-I SHTGLSS MILIA 8559-ET	840003011001463						
S-S-I SILVER 10106 11453-ET	840003130641804						
S-S-I SILVER 10217 11427-ET	840003130641766						
S-S-I SILVER 10217 11429-ET	840003130641974						
S-S-I SILVER 10217 11430-ET	840003130641998						
S-S-I SILVER 10228 11437-ET	840003130641981			C			
S-S-I SILVER 10375 11397-ET	840003129016007						
S-S-I SILVER 10380 11428-ET	840003130641975						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SILVER 10721 11642-ET	840003133371321					C	
S-S-I SILVER 10721 11646-ET	840003133371369						
S-S-I SILVER 10721 11648-ET	840003133371218						
S-S-I SILVER 10721 11651-ET	840003133371233						
S-S-I SILVER 6608 9906-ET	840003128910311						
S-S-I SILVER 8426 9903-ET	840003128910308						
S-S-I SILVER 8931 7033-ET	840003131003112						
S-S-I SILVER 8931 7034-ET	840003131003113						
S-S-I SILVER 8932 7032-ET	840003131003111						
S-S-I SILVER ALEXAB 7036-ET	840003131003115						
S-S-I SILVER ALEXAB 7037-ET	840003131003116						
S-S-I SILVER JINXED 7198-ET	840003131003277						
S-S-I SILVER THRILL 7035-ET	840003131003114						
S-S-I SILVR ALEXA B 7021-ET	840003131003100						
S-S-I SKYMONT 7913 10730-ET	840003124584809						
S-S-I SKYMONT 7913 10756-ET	840003124584758						
S-S-I SKYMONT 8018 10736-ET	840003124584793					C	
S-S-I SLVR ALLI6608 9910-ET	840003128910315						
S-S-I SLVR ALLI6608 9918-ET	840003128910323						
S-S-I SNDRS MALORY 11226-ET	840003128769254						
S-S-I SNMB F 8925-ET	840003012130194						
S-S-I SNOW ALISSA 7989-ET	840003009554512						
S-S-I SNOW GRAPES 7984-ET	840003009554507						
S-S-I SNOW MALENA 7514-ET	840003008328912			C		C	
S-S-I SNOW MERGLER 7678-ET	840003008897691						
S-S-I SNOW PETERS 7681-ET	840003008897694						
S-S-I SNOWMAN DASHER7814-ET	840003008897827						
S-S-I SNOWMAN DELLA 7747-ET	840003008897760			C			
S-S-I SNOWMAN GUVA 7974-ET	840003009554497						
S-S-I SNOWMAN HESS 7966-ET	840003009554489			C			
S-S-I SNOWMAN HEY 7948-ET	840003009554471						
S-S-I SNOWMAN HOLLY 7962-ET	840003009554485			C			
S-S-I SNOWMAN MARGO 8422-ET	840003011001326			C			
S-S-I SNOWMAN MARJA 8440-ET	840003011001344			C		C	
S-S-I SNOWMAN MARTA 8648-ET	840003011001552						
S-S-I SNOWMAN MEEK 7666-ET	840003008897679						
S-S-I SNOWMAN MELLY 8460-ET	840003011001364			C			
S-S-I SNOWMAN MERCI 7398-ET	840003008328796			C			
S-S-I SNOWMAN MICRO 7670-ET	840003008897683						
S-S-I SNOWMAN MINX 7662-ET	840003008897675					C	
S-S-I SNOWMAN MOM 7794-ET	840003008897807			C			
S-S-I SNOWMAN MOM 7796-ET	840003008897809			C			
S-S-I SNOWMAN MOM 7803-ET	840003008897816						
S-S-I SNOWMAN MOM 7809-ET	840003008897822						
S-S-I SNOWMAN MOM 7810-ET	840003008897823			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SNOWMAN MOM 7812-ET	840003008897825						
S-S-I SNOWMAN MOM 7821-ET	840003008897834						
S-S-I SNOWMAN ORSA 7949-ET	840003009554472						
S-S-I SNOWMAN PASTA 7664-ET	840003008897677			C			
S-S-I SNOWMAN RACHEL7516-ET	840003008328914						
S-S-I SNOWMAN REDELL7556-ET	840003008897569			C			
S-S-I SNOWMAN REESE 7561-ET	840003008897574						
S-S-I SNOWMB 7368 10097-ET	840003012560068			C			
S-S-I SNOWMB 7887 10065-ET	840003012559931			C			
S-S-I SNOWMB 7959 10124-ET	840003013177460			C			
S-S-I SNOWMB MATTI 10014-ET	840003012559814						
S-S-I SNOWMB MATTI 10085-ET	840003012560027			C			
S-S-I SNOWMB MENNA 10045-ET	840003012559871						
S-S-I SNOWMB MENNA 10054-ET	840003012559895						
S-S-I SNOWMB MONTE 8932-ET	840003012130201						
S-S-I SNOWMB MONTEZ 8934-ET	840003012130203			C			
S-S-I SNOWMOBIL M 8926-ET	840003012130195			C			
S-S-I SNOWMOBIL M 8931-ET	840003012130200						
S-S-I SNWB 7887 10055-ETS	840003012559896						
S-S-I SNWB 7887 10056-ETS	840003012559897						
S-S-I SOTO MALLORY 7293-ET	840003008328691						
S-S-I SOTO MANASA 7295-ET	840003008328693					C	
S-S-I SOTO MANDELLA 7308-ET	840003008328706						
S-S-I SOTO PALIN 7530-ET	840003008328928						
S-S-I SPARK 10470 7111-ET	840003131003190						
S-S-I SPARK 10470 7113-ET	840003131003192						
S-S-I SPARK 10470 7119-ET	840003131003198						
S-S-I SPARK 6608 7001-ET	840003131003080						
S-S-I SPARK 6608 7029-ET	840003131003108						
S-S-I SPARK 8777 11447-ET	840003130641962						
S-S-I SPARK 8932 7048-ET	840003131003127						
S-S-I SPARK 8932 7049-ET	840003131003128						
S-S-I SPARK 9150 11436-ET	840003130641943						
S-S-I SPARK 9185 11449-ET	840003130641959						
S-S-I SPARK ALEXA B 7002-ET	840003131003081						
S-S-I SPARK ALI6608 7016-ET	840003131003095						
S-S-I SPARK JMN2133 7005-ET	840003131003084						1
S-S-I SPARK MARELDA 7009-ET	840003131003088						
S-S-I SPARK MARELDA 7013-ET	840003131003092						
S-S-I SPARK RUNW308 7100-ET	840003131003179						
S-S-I SPARK VALO 7023-ET	840003131003102						
S-S-I SPARK VALO 7026-ET	840003131003105						
S-S-I SPARK VALO 7028-ET	840003131003107						
S-S-I SPEECH MADRONA8355-ET	840003011001259						
S-S-I SPEECH MOJO 8318-ET	840003011001222					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SPRBWL 3275 8271-ET	840003011001175						
S-S-I SPRBWL BRIELLE8138-ET	840003009554661						
S-S-I SPRING MAGO 9857-ET	840003128910262						
S-S-I SPRING YOKI 9853-ET	840003128910258						
S-S-I SPRING YONIE 9855-ET	840003128910260						
S-S-I SPRING YOYO 9850-ET	840003128910255						
S-S-I SPRSIRE BRENNA8412-ET	840003011001316						
S-S-I SPRSIRE CANDY-P 8831-ET	840003011538230						1
S-S-I SPRSIRE MABEL 8828-ET	840003011538227						
S-S-I SPRSIRE MARLEY8432-ET	840003011001336						
S-S-I SPRSIRE MELOSA8473-ET	840003011001377					C	
S-S-I SPRSIRE MISTY 8684-ET	840003011538083						
S-S-I SPRSIRE SHARA 8547-ET	840003011001451			C			
S-S-I SPRST 10255 11450-ET	840003130641811						
S-S-I SPST MIKAELA 11241-ET	840003128769202						
S-S-I STCHL BRETT 8745-ET	840003011538144						
S-S-I STCHL BRIT 8748-ET	840003011538147						
S-S-I STCHL MICK 8753-ET	840003011538152					C	
S-S-I STRLNG EDDY 8801-ET	840003011538200						
S-S-I STRLNG GLADIS 8685-ET	840003011538084						
S-S-I STRLNG MARGRET8710-ET	840003011538109						
S-S-I STRLNG SIDNEY 8732-ET	840003011538131						
S-S-I STRLNG TABBY 8774-ET	840003011538173						
S-S-I STRLNG TAYLOR 8728-ET	840003011538127						
S-S-I SUDAN MAEKO 7887-ET	840003009554410						
S-S-I SUDAN MIRACLE 7988-ET	840003009554511						
S-S-I SUPER MONONA 7400	840003008328798						
S-S-I SUPER WAUKON 7081-ET	840003004672691						
S-S-I SUPER WAVERLY 7080-ET	840003004672690						
S-S-I SUPEROR MARCI11074-ET	840003126822724					C	
S-S-I SUPERSHOT RUE 9756-ET	840003128910161			C			
S-S-I SUPERST JAYDA 9761-ET	840003128910166						
S-S-I SUPERST JAYLA 9757-ET	840003128910162						
S-S-I SUPERST JESS 9663-ET	840003125325553						
S-S-I SUPERST REECE 9754-ET	840003128910159						
S-S-I SUPERST UMAY9751-ETS	840003128910156						
S-S-I SUPR WATERLOO 7077-ET	840003004672687						
S-S-I SUPR WOODBINE 7082-ET	840003004672692						
S-S-I SUPRR MEADOW 11087-ET	840003126822735						
S-S-I SUPRSIRE FERN 8379-ET	840003011001283						
S-S-I SUPRSIRE MIRI 8679-ET	840003011538078					C	
S-S-I SUPRSIRE MORA 8676-ET	840003011538075					C	
S-S-I SUPRST JAYLYN 9764-ET	840003128910169						
S-S-I SUPRST MACK 11240-ET	840003128769091						
S-S-I SUPRST MAYRA 11237-ET	840003128769136						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I SUPRST MOLLY 11247-ET	840003128769144						
S-S-I SUPRST SAREN 11239-ET	840003128769090						
S-S-I SUPRST SASHA 11248-ET	840003128769104						
S-S-I SUPRST SIENA 11274-ET	840003129016384					C	
S-S-I SUPRST STELLA11265-ET	840003129016415						
S-S-I SUPRST ULTIMA9752-ETS	840003128910157						
S-S-I SUPRST UNIQUE 9769-ET	840003128910174						
S-S-I SUPST SELENA 11258-ET	840003128769120						
S-S-I SUPST SHAYNA 11284-ET	840003129016356						
S-S-I SUTCLF THRILL 7087-ET	840003131003166						
S-S-I SYRUP ASHA 7893-ET	840003009554416					C	
S-S-I TABLE BEALE 9054-ET	840003012130323						
S-S-I TANGO 7675 10433-ET	840003014334894						
S-S-I TANGO 8258 10526-ET	840003123600839		C				
S-S-I TANGO 8355 10501-ET	840003014334826		C				
S-S-I TANGO 8355 10512-ET	840003014334907						
S-S-I TAPE DRURY 7892-ET	840003009554415						
S-S-I TAPE EGGS 8017-ET	840003009554540						
S-S-I TAPE MARQUETTE7920-ET	840003009554443						
S-S-I TAPE MAZDA 7903-ET	840003009554426						
S-S-I TAPE NYX 7940-ET	840003009554463						
S-S-I TAPE O 7895-ET	840003009554418						
S-S-I TAPE OAKWOOD 7890-ET	840003009554413						
S-S-I TAPE OVA 7911-ET	840003009554434						
S-S-I TAPE OXIDE 7908-ET	840003009554431						
S-S-I TATM BRITNEE 10988-ET	840003126218699		C				
S-S-I TATUM 8646 10897-ET	840003125613845						
S-S-I TATUM 8828 10918-ET	840003125613891						
S-S-I TATUM 8861 10896-ET	840003125613841		C				
S-S-I TATUM MAGIC 11099-ET	840003126822663		C				
S-S-I TATUM MANILA 11079-ET	840003126822693						
S-S-I TATUM MIA 10928-ET	840003125613897		C				
S-S-I TERRIS 10060 11479-ET	840003130641872						
S-S-I TERRIS LACE 7006-ET	840003131003085						
S-S-I TERRIS LACE 7008-ET	840003131003087						
S-S-I TETRIS 262	840003013659347						
S-S-I TETRIS 8328 10716-ET	840003123886037						
S-S-I TETRIS 8526 10722-ET	840003123885991						
S-S-I TETRIS 8526 10741-ET	840003123885983						
S-S-I TIME 5074	USA 68997331						
S-S-I TNGO 7739 10428-ET	840003014334895						
S-S-I TNGO 7739 10444-ET	840003014334983						
S-S-I TNGO 7739 10449-ET	840003014334985						
S-S-I TNGO 8355 10577-ET	840003123600946						
S-S-I TONIC DUSTINE 7319-ET	840003008328717						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I TONIC DUSTY 7320-ET	840003008328718						
S-S-I TONIC LOVEBIRD7311-ET	840003008328709						
S-S-I TONIC MOJO	840003007677876						
S-S-I TONIC RAMIRA 7316-ET	840003008328714						
S-S-I TONIC RAMLA 7321-ET	840003008328719						
S-S-I TONIC RAMOSA 7324-ET	840003008328722						
S-S-I TONIC RAMYA 7334-ET	840003008328732						
S-S-I TONIC WACKER 7305-ET	840003008328703						
S-S-I TONIC WEEZER 7294-ET	840003008328692						
S-S-I TONIC WICKER 7299-ET	840003008328697						
S-S-I TONIC WIZER 7300-ET	840003008328698						
S-S-I TOPGN B MOUND 7202-ET	840003131003281						
S-S-I TOPGUN 10375 7245-ET	840003131003324						
S-S-I TOPGUN 10465 7241-ET	840003131003320			C			
S-S-I TOPGUN 10564 11663-ET	840003133371360						
S-S-I TOPGUN 10582 11654-ET	840003133371319						
S-S-I TOPGUN 10582 11676-ET	840003133371042						
S-S-I TOPGUN 10582 7243-ET	840003131003322						
S-S-I TOPGUN 10616 11673-ET	840003133371376						
S-S-I TOPGUN 10616 11680-ET	840003133371048						
S-S-I TOPGUN 10616 11681-ET	840003133371004						
S-S-I TOPGUN 10616 7262-ET	840003131003341						
S-S-I TOPGUN 10633 11664-ET	840003133370982						
S-S-I TOPGUN 10647 11689-ET	840003133371018					C	
S-S-I TOPGUN 10647 7252-ET	840003131003331						
S-S-I TOPGUN 10669 11700-ET	840003135087123						
S-S-I TOPGUN 10726 11714-ET	840003135087072					C	
S-S-I TOPGUN 10763 7250-ET	840003131003329						
S-S-I TOPGUN 10776 7242-ET	840003131003321						
S-S-I TOPGUN 10817 11710-ET	840003135087155						
S-S-I TOPGUN 10826 7284-ET	840003131003363						
S-S-I TOPGUN 10828 11711-ET	840003135087026						
S-S-I TOPGUN 10828 11712-ET	840003135087022						
S-S-I TOPGUN 979	840003127408763					C	
S-S-I TOPGUN 988	840003127408772						
S-S-I TRENTN 10270 11544-ET	840003133370868					C	
S-S-I TRENTN 10270 11563-ET	840003133370904						
S-S-I TRENTN 10270 11567-ET	840003133361954					C	
S-S-I TRENTON 2837	840003132041057						
S-S-I TRIG GENEVIEVE7289-ET	840003008328687					C	
S-S-I TRIGGER POPEYE7309-ET	840003008328707					C	
S-S-I TROY 10221 11478-ET	840003130641906						
S-S-I TROY 10315 11484-ET	840003130641865						
S-S-I TROY 10375 11494-ET	840003130641856						
S-S-I TROY 10375 7248-ET	840003131003327						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I TROY 2133 7057-ET	840003131003136						1
S-S-I TROY 2133 7059-ET	840003131003138						
S-S-I TROY 2133 7067-ET	840003131003146						1
S-S-I TROY 7479-ET	840003130466182						
S-S-I TROY 8828 11463-ET	840003130641874						
S-S-I TROY 8828 11469-ET	840003130641416						
S-S-I TROY 8828 11481-ET	840003130641869						
S-S-I TROY 9150 11460-ET	840003130641688						
S-S-I TROY AALIYAH 9719-ET	840003128459560						
S-S-I TROY THRILL 7054-ET	840003131003133						
S-S-I TROY THRILL 7058-ET	840003131003137						
S-S-I TROY THRILL 7061-ET	840003131003140						
S-S-I TROY THRILL 7063-ET	840003131003142						
S-S-I TROY WREN 9732-P-ET	840003128459547						
S-S-I TRY WANETA 9726-P-ET	840003128459553						1
S-S-I TWIST GARNER 7357-ET	840003008328755					C	
S-S-I TWIST GOLDIE 7354-ET	840003008328752						
S-S-I TWIST GOMEZ 7348-ET	840003008328746						
S-S-I TWIST GRACE 7350-ET	840003008328748						
S-S-I TWIST MACARENA7347-ET	840003008328745						
S-S-I TWIST MANIC 7329-ET	840003008328727						
S-S-I TWIST MARLIN 7533-ET	840003008328931					C	
S-S-I TWIST MAX 7336-ET	840003008328734						
S-S-I TWIST MOJO 7326-ET	840003008328724					C	
S-S-I ULMER MEI 11281-ET	840003128365007						
S-S-I ULMER MILKY 11168-ET	840003128364988						
S-S-I ULMER MOCHA 11159-ET	840003128364999						
S-S-I ULMER MORA 11173-ET	840003127943778						
S-S-I ULMR MANDY 11152-ET	840003127943847						
S-S-I UNITE 8473 10871-ET	840003125613883					C	
S-S-I UNITE 8473 10872-ET	840003125613881						
S-S-I UNITE 8679 10906-ET	840003125613758					C	
S-S-I UNO DAIJA 8418-ET	840003011001322						
S-S-I UNO DAMICA 8433-ET	840003011001337						
S-S-I UNO MAGGY 8360-ET	840003011001264						
S-S-I UNO MARA 8395-ET	840003011001299					C	
S-S-I UNO MARELDA 8424-ET	840003011001328						
S-S-I UNO MARICE 8425-ET	840003011001329						
S-S-I UNO MARLENE 8442-ET	840003011001346					C	
S-S-I UNO MARYANN 8526-ET	840003011001430						
S-S-I UNO MATTEA 8445-ET	840003011001349					C	
S-S-I UNO MAXIE 8443-ET	840003011001347						
S-S-I UNO MEAD 8469-ET	840003011001373						
S-S-I UNO MERRY 8481-ET	840003011001385						
S-S-I UNO MIRANDA 8503-ET	840003011001407						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I UNO RAEDEN 8420-ET	840003011001324						
S-S-I UNO RALEIGH 8426-ET	840003011001330						
S-S-I UNO RAPA 8431-ET	840003011001335						
S-S-I UNO RAWNIE 8446-ET	840003011001350						
S-S-I UNO SANDREA 8404-ET	840003011001308						
S-S-I UNO SAUNDRA 8409-ET	840003011001313						
S-S-I UNO ZABRINA 8413-ET	840003011001317		C				
S-S-I VOTTO 444	840003013659529						
S-S-I VOTTO 5969	USA 74326549		C				
S-S-I VOTTO 8526 10916-ET	840003125613892						
S-S-I WATSON 6989	USA 72191069			C			
S-S-I WATSON 7624 10145-ET	840003013177301					C	
S-S-I WATSON 7653 10277-ET	840003014258744			C			
S-S-I WATSON 7653 10386-ETS	840003014334963					C	
S-S-I WATSON 7653 10391-ETS	840003014334962					C	
S-S-I WATSON 7653 10431-ET	840003014335023						
S-S-I WATSON 7913 10127-ET	840003013177499			C		C	
S-S-I WATSON MALISE 7643-ET	840003008897656					C	
S-S-I WILLPWR 7514 10190-ET	840003013923884			C			
S-S-I WILLPWR 7514 10206-ET	840003013923953	C		C		C	
S-S-I WILLPWR 7970 10201-ET	840003013923945						1
S-S-I WILLPWR 7970 10202-ET	840003013923946						1
S-S-I WILLPWR 7970 10219-ET	840003013924015						
S-S-I WONKA 8332 10759-ET	840003124584752						
S-S-I WONKA 8332 10760-ET	840003123886070						
S-S-I WONKA 8526 10746-ET	840003123886074						
S-S-I WONKA 8526 10752-ET	840003124584822			C			
S-S-I WONKA 8526 10761-ET	840003123886024			C			
S-S-I WONKA 8526 10769-ET	840003123886010						
S-S-I WONKA 8526 10781-ET	840003124584744			C			
S-S-I WONKA DOVE BAR	840003014227595			C			
S-S-I WONKA LAFFY 11058-ET	840003126822764			C			
S-S-I WONKA TAFFY11059-ET	840003126822762			C			
S-S-I WRENCH 5580	USA 70119281						
S-S-I WRIGHT BROOK 8838-ET	840003011538237						
S-S-I WRIGHT DANICA 8800-ET	840003011538199						
S-S-I WRIGHT QUEEN 8551-ET	840003011001455						
S-S-I WRIGHT QUINBY 8893-ET	840003011538292			C			
S-S-I WRNCH BEATRIX 7337-ET	840003008328735						
S-S-I YANCE 7706 10040-ET	840003012559863						
S-S-I YANCE 7900 10101-ET	840003012560094						
S-S-I YANCE MAGIC 9186-ET	840003012130455					C	
S-S-I YANCE MANDA 9202-ET	840003012130471						
S-S-I YANCE MARESA 9139-ET	840003012130408						
S-S-I YANCE MARNIE 9128-ET	840003012130397						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
S-S-I YANCE MINNIE 9135-ET	840003012130404						
S-S-I YANCE MISHA 9131-ET	840003012130400						
S-S-I YANCE MONTANA 9133-ET	840003012130402					C	
S-S-I YANCE MOREY 9119-ET	840003012130388					C	
S-S-I YANO PACA 8357-ET	840003011001261						
S-S-I YODER 557	840003127408341						
S-S-I YODER 584	840003127408368						
S-S-I YODER AMAZING 9734-ET	840003128459545						
S-S-I YODER KALLIE	USA 73926658						
S-S-I YODER KARA 11029-ET	840003126218661						
S-S-I YODER KAT 10965-ET	840003125613750						
S-S-I YODER MARISA 11039-ET	840003126218728						
S-S-I YODER MONAY10966-ET	840003126822808						
S-S-I YODER MORGAN 11037-ET	840003126218604						
S-S-I YODER SLUSH	840003126243969						
S-S-I YODER TIA 11028-ET	840003126218667						
S-S-I YODER TYRA 11026-ET	840003126218648						
S-S-I YODR MARTINI 11002-ET	840003126218673					C	
S-S-I YODR MELANIE 10985-ET	840003126218750					C	
S-S-I YODR MELODIE 10973-ET	840003126218627						
S-S-I ZBW LIGHTNING BUG	USA 70071560		C				3
S-S-I ZBW SHAMWOW	USA 70071583						
S-S-I ZEUS MAE 9096-ET	840003012130365						
S-S-I ZEUS MARCELLA 9150-ET	840003012130419						
S-S-I ZEUS MINTA 9191-ET	840003012130460						
S-S-I ZIGGY LAFITTE 8115-ET	840003009554638						
S-S-I ZIGGY MAHO 8074-ET	840003009554597						
S-S-I ZIGGY SHEEN 8111-ET	840003009554634						
S-S-I ZIGGY SHEEN 8181-ET	840003009554704						
S-S-I ZIGGY SPECIAL 8119-ET	840003009554642		C				
SA-DAWN PETRONE DEENA	USA 71546473						
SA-DAWN SUPERSIRE AMBER	USA 71546484						
SABBIONA FIORAIA 64	ITA 98990261779					C	
SABOFARM ADVENT BELLA	USA 139071155						
SABOFARM BLITZ BECCA	USA 136899534						
SABOFARM-CL BOSSIR ADV BETH	USA 62892111	C					
SABOFARM-JM DURHAM GABBY	USA 136899525						
SABOFARM-JM GIBSON BONITA	USA 137102235						
SABOFARM-JM GW ADVENT LARK	USA 64796591						
SABOFARM-JM PRONTO LIZZY	USA 62892126					C	
SAE GARTER RACHEL	USA 141465865						
SAGAMIE ALLEN MICHE	CAN 100481730						
SAINTVILLE ALADDIN MAGS	USA 72373872						
SAINTVILLE ARMITAGE MARTY	USA 70721132						
SAINTVILLE CHEVLER MARLY-ET	840003129104009						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAINTVILLE COMMANDER MAR-ET	840003129104002						
SAINTVILLE DARIO PERU-RED	USA 68532149						
SAINTVILLE DESTRY MARIE	USA 70721115						1
SAINTVILLE DUCATI MINTA-ET	USA 72373861						1
SAINTVILLE GARRETT DANNI	USA 68532167						
SAINTVILLE GARRETT REANNA	USA 69767749						
SAINTVILLE GORDON HELEN	USA 61504234						
SAINTVILLE IOTA MAREEN-ET	USA 69767775						
SAINTVILLE IOTA MARIGOLD-ET	USA 69767778						
SAINTVILLE IOTA MISS-ET	USA 69767768						
SAINTVILLE IOTA MISSY-ET	USA 69767767						
SAINTVILLE IOTA MISTY-ET	USA 69767769						
SAINTVILLE JOSUPER CHAYA-ET	840003129103984						
SAINTVILLE JOSUPER CHIVA-ET	840003129103985						
SAINTVILLE JOSUPER NARA-ET	840003129103954						
SAINTVILLE LARGE BOSTON	USA 70721144						
SAINTVILLE MACHOMAN RAINY	USA 61504252						
SAINTVILLE MAURICE GOLDIE	USA 72373800						
SAINTVILLE MCG MINNASOTA-ET	USA 72373879						1
SAINTVILLE MCGRAW MELON-ET	USA 72373881						
SAINTVILLE MEGAMAN MALLORY	USA 65308231						
SAINTVILLE MINNIE	USA 72373873			C			
SAINTVILLE MONTY CHAYLA-ET	840003129103986						
SAINTVILLE MONTY MARTHA-ET	840003129103947						
SAINTVILLE MYSTIC CRI-ET	840003011817278						
SAINTVILLE OAK MADDISON-ET	USA 72373812						
SAINTVILLE OAK MARIBEL-ET	USA 72373840						
SAINTVILLE OAK MARISA-ET	USA 72373809						
SAINTVILLE OAK MARYJO-ET	USA 72292135						
SAINTVILLE OAK MARYLOU-ET	USA 72292132						
SAINTVILLE OAK MATTIE-ET	USA 72373808						
SAINTVILLE SHAN CHANA-ET	USA 72373821						
SAINTVILLE SHAN MELODY-ET	USA 72373820						
SAINTVILLE SHAN MORGAN-ET	USA 72373819						
SAINTVILLE SHOTTLE MASIE	USA 63133123						
SAINTVILLE SPSNIC MONROE-ET	USA 70721150						
SAINTVILLE SUPERSIREMARSIRE	USA 72373833						
SALEM-DG ADVENT STARLA-RED	USA 140530230		C				
SALEM-DG DUNDEE STAR	USA 136735892		C				
SALEM-DG MASSEY SHAMROCK	USA 142297939						
SALEM-DG MILLION SHAMROCK	USA 140530294		C				
SALEM-DG SHOTTLE SILVER	USA 141554026					C	3
SALEM-DG STARLENE-ET	USA 142856578		C				3
SALEM-DG SUPER KOTA	USA 140902666						
SALEM-DG SUPER SHAMBLES	USA 141554642						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SALEMCREST MANAGER JACEY	USA 142762031						
SALTERCREST TRE CHARM 32987	840003009976154						
SALTERCREST WR TABRIA 32956	840003009976123						
SAM-SIM MOGUL REESE	840003125613048						
SAM-SIM PRONTO FAITH	USA 139605444						
SAM-SIM PRONTO LADY LEXICON	USA 140279641						
SAM-SIM PRONTO LADY LOURDES	USA 140179790						
SAM-SIM ROY CELESTINA	USA 136671600						
SAM-SIM SANCHEZ EXCELLENCE	USA 141252018						
SAM-SIM SHOTTLE LADY LONDON	USA 140179772						
SAM-SIM TOY STORY INA	USA 139370508						
SAM-SIM TOY STORY LADY LYRA	USA 139370517						
SAM-SIM TOYSTORY GATSBY	USA 71977706						
SAM-T FABRIC SADIE-ET	840003129876587						
SAMBO ADDICTION EXQUISITE	840003128780205						1
SAMBO ADDICTION SQUIRT	840003128780194						1
SAMBO DESTRY TOHOTTOHANDLE	USA 73173439						1
SAMBO RILEY BETSI	USA 73173442						
SAMS HOMECOMING	USA 70885435						
SAMS HOOPS	USA 140279342						
SAMWAY ABRAHAM PHOENIX	USA 142820580						
SAMWAY DOC DARLA	USA 142820601		C				
SAMWAY LITTLE D LILLIE	USA 142159840						
SAMWAY MANOMAN ELVIS	USA 142159916						
SAN-DAN 2029 DELTA 56365	840003010355112						
SAN-DAN 2106 DELT 56395	840003010355142						
SAN-DAN 2118 RUB 56387	840003010355134			C			
SAN-DAN 2151 56383	840003010355130						
SAN-DAN 2171 FLAMER 56426	840003010355173						
SAN-DAN 2182 MEG 56406	840003010355153						
SAN-DAN 2185 DRC 56474	840003010355221						1
SAN-DAN 2188 MEGA 54734-ET	840003010353481						
SAN-DAN 2195 RUB MEG 56394	840003010355141						
SAN-DAN 2197 DELT 56420	840003010355167			C			
SAN-DAN 2212 DELTA 56381-ET	840003010355128						
SAN-DAN 2221 5G 56322-ET	840003010355069						
SAN-DAN 2221 DELT 56385	840003010355132						
SAN-DAN 2221 EMER 31217-ET	840003126775222						
SAN-DAN 2223 KING 31315-ET	840003126775320						
SAN-DAN 2225 56422	840003010355189			C			
SAN-DAN 2238 DRACO 56438	840003010355185					C	1
SAN-DAN 2240 MSIRE 56437	840003010355184						
SAN-DAN 2250 REF 56403-ET	840003010355150						
SAN-DAN 2250 REFLE 56393-ET	840003010355140						
SAN-DAN 2250 SNDR 56428	840003010355175					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN 2253 SEND 56422	840003010355169					C	
SAN-DAN 2260 DRAC 56423	840003010355170			C			
SAN-DAN 2261 RUB 56391	840003010355138						
SAN-DAN 2264 SEND 56447	840003010355194						
SAN-DAN 2278 DELTA 56407	840003010355154			C			
SAN-DAN 2282 DELT 56415	840003010355162						
SAN-DAN 2284 CAM 31362-ET	840003126775367					C	
SAN-DAN 2284 LOTTO 31365-ET	840003126775370						
SAN-DAN 2284 SENDR 31441-ET	840003126775446					C	
SAN-DAN 2285 DRC 56473	840003010355220						
SAN-DAN 2289 SEND 56424	840003010355171					C	
SAN-DAN 2290 DELT 56462-ET	840003010355209						
SAN-DAN 2290 RUB 56413	840003010355160						
SAN-DAN 2297 CAM 31388-ET	840003126775393						
SAN-DAN 2297 DRC 62608	840003010366355						1
SAN-DAN 2297 ROD 31270-ET	840003126775275						
SAN-DAN 2297 ROG 31472-ET	840003126775477						
SAN-DAN 2299 DRC 56463	840003010355210						1
SAN-DAN 2305 SEN 56465	840003010355212					C	
SAN-DAN 2327 DESN 56410	840003010355157						
SAN-DAN 2328 DELTA 56382-ET	840003010355129						
SAN-DAN 2329 DRAC 56427-ET	840003010355174						1
SAN-DAN 2329 DRAC 56429-ET	840003010355176						1
SAN-DAN 2330 DELTA 56457-ET	840003010355204						
SAN-DAN 2338 DAV 31135-ET	840003126775140						
SAN-DAN 2342 SEND 56433-ET	840003010355180						
SAN-DAN 2342 SEND 56436-ET	840003010355183						
SAN-DAN 2342 SEND 56449	840003010355196					C	
SAN-DAN 2366 FLM 56405-ET	840003010355152						
SAN-DAN 2366 FLMR 56386-ET	840003010355133						
SAN-DAN 2366 FLMR 56396-ET	840003010355143						
SAN-DAN 2366 FLMR 56397-ET	840003010355144						
SAN-DAN 2366 FLMR 56414-ET	840003010355161						
SAN-DAN 2372 DRCO 62610	840003010366357						1
SAN-DAN 2383 DRACO 31595-ET	840003126775600						1
SAN-DAN 2390 DELT 56416	840003010355163						
SAN-DAN 2390 DELTA 56411-ET	840003010355158						
SAN-DAN 2390 SEND 56417	840003010355164						
SAN-DAN 2403 RUB 56389-ET	840003010355136						
SAN-DAN 2423 BOMB 30533-ET	840003126774538						
SAN-DAN 52917 MEGA 56373-ET	840003010355120						
SAN-DAN 53335 FLM 56444	840003010355191						
SAN-DAN 56255 LUCENT 62586	840003010366333			C			
SAN-DAN 56257 DELT 62536-ET	840003010366283						
SAN-DAN 56497	840003010355244						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN 62632	840003010366379					C	
SAN-DAN 62634	840003010366381					C	1
SAN-DAN 62639	840003010366386						
SAN-DAN 62667	840003010366414						1
SAN-DAN 705 RUB 56412	840003010355159						
SAN-DAN 729 RUBICON 56408	840003010355155						
SAN-DAN 736 MEG 56399	840003010355146						
SAN-DAN 741 MSIRE 56432	840003010355179						
SAN-DAN 755 KB 54824-ET	840003010353571						
SAN-DAN 761 MEGA 56398	840003010355145						
SAN-DAN 770 DRACO 56400	840003010355147						
SAN-DAN AMBER DSN 62640	840003010366387						
SAN-DAN ARDIS FLM 62603	840003010366350						
SAN-DAN BELUGA 56278-ET	840003010355025						
SAN-DAN BERO 30804-ET	840003126774809						
SAN-DAN BOMBERO 56500-ET	840003010355247						
SAN-DAN BOMBERO 62661-ET	840003010366408						
SAN-DAN BOMBERO 62662-ET	840003010366409						
SAN-DAN BOMBERO 62663-ET	840003010366410						
SAN-DAN BOMBERO 62665-ET	840003010366412						
SAN-DAN BOMBERO 62673-ET	840003010366420						
SAN-DAN BOYANA SND 56431-ET	840003010355178						
SAN-DAN BRONO RUB 62531	840003010366278						
SAN-DAN CAL FLAMER 62670	840003010366417						
SAN-DAN CAMERON RUB 56402	840003010355149						
SAN-DAN CARING 62635	840003010366382						
SAN-DAN CASEY DNV 62612	840003010366359						
SAN-DAN CASEY KB 31220-ET	840003126775225						
SAN-DAN CASH 31665-ET	840003126775670					C	
SAN-DAN CASH SIL 31961-ET	840003126775966						
SAN-DAN CASHBUST 54681-ET	840003010353428					C	
SAN-DAN CB RUB 54749-ET	840003010353496					C	
SAN-DAN COIN SHECASH-ET	840003012559621						
SAN-DAN CRUSH DELT 56419-ET	840003010355166						
SAN-DAN CRUSH FLM 56425	840003010355172						
SAN-DAN CRYSTAL 56253-ET	840003010355000						
SAN-DAN CRYSTAL 56255-ET	840003010355002						
SAN-DAN CRYSTAL 56257-ET	840003010355004						
SAN-DAN DANGER 62583	840003010366330						
SAN-DAN DANTE 32019-ET	840003126776024						
SAN-DAN DANTE 32021-ET	840003126776026						
SAN-DAN DANTE 62664	840003010366411						
SAN-DAN DEFEND 54267-ET	840003010353014						
SAN-DAN DELTA 2238 31914-ET	840003126775919					C	
SAN-DAN DELTA 30661-ET	840003126774666						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN DELTA 31735-ET	840003126775740						
SAN-DAN DELTA 31781-ET	840003126775786						
SAN-DAN DELTA 31804-ET	840003126775809						
SAN-DAN DELTA 31943-ET	840003126775948					C	
SAN-DAN DELTA 32053-ET	840003126776058						
SAN-DAN DELTA 32147-ET	840003126776152						1
SAN-DAN DELTA 56466-ET	840003010355213			C			
SAN-DAN DELTA 56485	840003010355232						
SAN-DAN DELTA 56499-ET	840003010355246						
SAN-DAN DELTA 56522-ET	840003010355269						
SAN-DAN DELTA 56525	840003010355272						
SAN-DAN DELTA 56556	840003010355303						
SAN-DAN DELTA 62534-ET	840003010366281						
SAN-DAN DELTA 62535-ET	840003010366282						
SAN-DAN DELTA 62538-ET	840003010366285						
SAN-DAN DELTA 62573-TW	840003010366320						
SAN-DAN DELTA 62574-TW	840003010366321						
SAN-DAN DELTA 62575-ET	840003010366322						
SAN-DAN DELTA 62585-ET	840003010366332						
SAN-DAN DELTA 62588-ET	840003010366335						
SAN-DAN DELTA 62619-ET	840003010366366						
SAN-DAN DELTA 62627	840003010366374						
SAN-DAN DELTA 62633	840003010366380						
SAN-DAN DELTA 62637	840003010366384						
SAN-DAN DELTA 62649-ET	840003010366396						
SAN-DAN DELTA 62650	840003010366397						
SAN-DAN DELTA 62657-ET	840003010366404						
SAN-DAN DELTA 62681-ET	840003010366428						
SAN-DAN DELTA 62682-ET	840003010366429						
SAN-DAN DELTA 62689-ET	840003010366436						
SAN-DAN DELTA 67421-ET	840003123611210						
SAN-DAN DENVER 31553-ET	840003126775558						
SAN-DAN DENVER 56496-ET	840003010355243						
SAN-DAN DENVER 62671-ET	840003010366418						
SAN-DAN DENVER 62672-ET	840003010366419						
SAN-DAN DENVER 62677-ET	840003010366424						
SAN-DAN DENVER 62678-ET	840003010366425						
SAN-DAN DENVER 62679-ET	840003010366426						
SAN-DAN DENVER 62680-ET	840003010366427						
SAN-DAN DENVER 62685-ET	840003010366432						
SAN-DAN DENVER 62686-ET	840003010366433						
SAN-DAN DESIGN 31452-ET	840003126775457						
SAN-DAN DIREC 32174-ET	840003126776179						
SAN-DAN DIRECTOR 32199-ET	840003126776204						
SAN-DAN DNVR 56494-ET	840003010355241						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN DOLO SAHARA 2360-ET	USA 72916814						
SAN-DAN DOLO SHINE 2366-ET	USA 72916817						
SAN-DAN DONA DELTA 56336-ET	840003010355083						
SAN-DAN DONA DELTA 56337-ET	840003010355084						
SAN-DAN DONA DELTA 56338-ET	840003010355085						
SAN-DAN DONA DELTA 56339-ET	840003010355086						
SAN-DAN DONA RUB 56320-ET	840003010355067						
SAN-DAN DOZER 31929-ET	840003126775934						
SAN-DAN DOZER 32233-ET	840003126776238						
SAN-DAN DOZER 56492	840003010355239					C	
SAN-DAN DOZR 62582-ET	840003010366329						
SAN-DAN DRACO 31582-ET	840003126775587						1
SAN-DAN DRACO 31667-ET	840003126775672						1
SAN-DAN DRACO 31962-ET	840003126775967						1
SAN-DAN DRACO 62624	840003010366371						1
SAN-DAN DRACO 62654	840003010366401						
SAN-DAN FLAME 30709-ET	840003126774714						
SAN-DAN FLAMER 56450	840003010355197						
SAN-DAN FLAMER 62606	840003010366353						
SAN-DAN FLAMR 32082-ET	840003126776087						
SAN-DAN GAL 18002-ET	840003012559600					C	
SAN-DAN GAL 18004-ET	840003012559609						
SAN-DAN GAL LAVA 2272-ET	USA 72686220						
SAN-DAN GAL LIBERTY 2278-ET	USA 72686223						
SAN-DAN GAL LUSTRIE 2267-ET	USA 72686217						
SAN-DAN GAL MILLY 18010-ET	840003012559652						
SAN-DAN GENOSOURCE 31843	840003126775848						
SAN-DAN GUL LC 54694-ET	840003010353441						
SAN-DAN JACEY 56270-ET	840003010355017						
SAN-DAN JACKMAN 62655	840003010366402						
SAN-DAN JLX RUBICON 1438-ET	840003131847413						
SAN-DAN JSUP 31675-ET	840003126775680						
SAN-DAN KB 31584-ET	840003126775589						
SAN-DAN LADYA 32066-ET	840003126776071						
SAN-DAN LANEY 2246-ET	USA 72619878						
SAN-DAN LANEY 56537	840003010355284						
SAN-DAN LANEY MEG 56350	840003010355097						
SAN-DAN LARK DELTA 56369	840003010355116						
SAN-DAN LAS VEGAS 2256-ET	USA 72619883						
SAN-DAN LAVA DELTA 56353-ET	840003010355100						
SAN-DAN LAVA DELTA 56358-ET	840003010355105						
SAN-DAN LAZZLE 2260-ET	USA 72626503						
SAN-DAN LEGO CRAB 54279-ET	840003010353026						
SAN-DAN LEONA RUB 56347-ET	840003010355094						
SAN-DAN LEONA RUBI 56342-ET	840003010355089						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN LEX CANDICE 2318-ET	USA 72772683						
SAN-DAN LEXOR CASEY 2319-ET	USA 72772684						
SAN-DAN LEXOR CRUISE-ET	USA 72772686						
SAN-DAN LEXOR CRUSH 2320-ET	USA 72772685						
SAN-DAN LIBERTY MEG 56360	840003010355107						
SAN-DAN LICKER 2283-ET	USA 72686225						
SAN-DAN LICKER DELTA 56370	840003010355117						
SAN-DAN LINCLN MON 54488-ET	840003010353235						
SAN-DAN LISTER MH 54765-ET	840003010353512						
SAN-DAN LOLO COIN 31559-ET	840003126775564					C	
SAN-DAN LORELEI KB-ET	840003010353741						
SAN-DAN LORELEI M 54746-ET	840003010353493						
SAN-DAN LORELEI M 54747-ET	840003010353494						
SAN-DAN LORELEI M 54757-ET	840003010353504						
SAN-DAN LOTTO 30537-ET	840003126774542						
SAN-DAN LUCENT 62539-ET	840003010366286						
SAN-DAN LUCKY DEF 56295-ET	840003010355042						
SAN-DAN LUCKY DEF 56296-ET	840003010355043						
SAN-DAN LUCKY DIRE 56547-ET	840003010355294						
SAN-DAN LUCKY DIRE 56548-ET	840003010355295						
SAN-DAN LUCY DEF 59951-ET	840003010363698						
SAN-DAN LUSTRIE KB 54798-ET	840003010353545						
SAN-DAN LUXUR RODG 31318-ET	840003126775323						
SAN-DAN LUXUR RUB 62645	840003010366392						
SAN-DAN LYZA 2243-ET	USA 72619877						
SAN-DAN LYZA DENV 73187-ET	840003132198215						
SAN-DAN LYZA ROWDY 73468-ET	840003132198496						
SAN-DAN LYZA RUB 54615-ET	840003010353362						
SAN-DAN MAGIC COIN 2309-ET	USA 72437856						
SAN-DAN MEGASIRE 56454	840003010355201						
SAN-DAN MEGASIRE 56483-ET	840003010355230						
SAN-DAN MEGASIRE 56489-ET	840003010355236						
SAN-DAN MEGASIRE 56502	840003010355249						
SAN-DAN MEMPHIS 2335-ET	USA 72437882						
SAN-DAN MERCY MAGIC 3-ET	840003012573455						
SAN-DAN MERCY MEGAN 1-ET	840003012573453						
SAN-DAN MERCY MIKKI 2-ET	840003012573454						
SAN-DAN MERCY MONEY 5-ET	840003012573457						
SAN-DAN MERCY MOO-LA 4-ET	840003012573456					C	
SAN-DAN MERCY MUSIC 6-ET	840003012573458						
SAN-DAN MERICAL DV 56456-ET	840003010355203						
SAN-DAN MERICAL DV 56464-ET	840003010355211						
SAN-DAN MERICAL DV 62656-ET	840003010366403						
SAN-DAN MIDNIGHT 56491-ET	840003010355238						
SAN-DAN MISSY DNV 56461-ET	840003010355208						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAN-DAN MISSY DRC 62658	840003010366405						1
SAN-DAN MOGL LISTER 2285-ET	USA 72686227						
SAN-DAN MOGUL 62590	840003010366337						
SAN-DAN MOGUL 62620	840003010366367					C	
SAN-DAN MOGUL 62676	840003010366423						
SAN-DAN MOGUL SASSY 2312-ET	USA 72769269						
SAN-DAN MOGUL SHEMO 2302-ET	USA 72769266						
SAN-DAN MONTROSS 31824-ET	840003126775829						
SAN-DAN MSCAD 2238 33011-ET	840003126777016						
SAN-DAN MUS 30996-ET	840003126775001						
SAN-DAN MYSTERY COIN-ET	USA 72437858					C	1
SAN-DAN OHARE 56271-ET	840003010355018						
SAN-DAN OHARE 56272-ET	840003010355019						
SAN-DAN OHARE 56273-ET	840003010355020						
SAN-DAN OHARE 56274-ET	840003010355021						
SAN-DAN OHARE 56275-ET	840003010355022			C			
SAN-DAN REEBA 62638	840003010366385					C	
SAN-DAN REFLECT 62613-ET	840003010366360						
SAN-DAN REFLECTOR 62616-ET	840003010366363						
SAN-DAN RODG LINC 60009-ET	840003010363756						
SAN-DAN RODGERS 32086-ET	840003126776091						
SAN-DAN RUB 31993-ET	840003126775998						
SAN-DAN RUB 32022-ET	840003126776027						
SAN-DAN RUB 32024-ET	840003126776029						
SAN-DAN RUB 62629	840003010366376						
SAN-DAN RUBCN 31788-ET	840003126775793						
SAN-DAN RUBCN 31815-ET	840003126775820						
SAN-DAN RUBI 30814-ET	840003126774819						
SAN-DAN RUBICON 30835-ET	840003126774840						
SAN-DAN RUBICON 31836-ET	840003126775841						
SAN-DAN RUBICON 62532	840003010366279						
SAN-DAN RUBICON 62605	840003010366352						
SAN-DAN RUBICON 62621	840003010366368						
SAN-DAN RUBICON 62628	840003010366375						
SAN-DAN RUBICON 62661	840003010366308						
SAN-DAN SAHARA 56493-ET	840003010355240						
SAN-DAN SAHARA 62568	840003010366315						
SAN-DAN SAMMY MEG 56372	840003010355119						
SAN-DAN SASSY DEL 33364-ET	840003126777369						
SAN-DAN SASSY LMAX 31421-ET	840003126775426						
SAN-DAN SASSY MEGA 54927-ET	840003010353674						
SAN-DAN SASSY PIC 62563	840003010366310						
SAN-DAN SASSY ROG 54854-ET	840003010353601						
SAN-DAN SASSY SHOT 56530-ET	840003010355277						
SAN-DAN SENDER 31867-ET	840003126775872					C	1

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SAN-DAN SENDER 31871-ET	840003126775876					C	
SAN-DAN SENDER 56451	840003010355198					C	
SAN-DAN SENDER 56453	840003010355200					C	
SAN-DAN SENDER 56538-ET	840003010355285					C	
SAN-DAN SENDER 56543-ET	840003010355290					C	
SAN-DAN SENDER 62602	840003010366349						
SAN-DAN SHAN LADY A 2334-ET	USA 72844086						
SAN-DAN SHAN LEONA 2306-ET	USA 72769267						
SAN-DAN SHAN LIZA 2298-ET	USA 72769264						
SAN-DAN SHAN LUXUR 2326-ET	USA 72844082						
SAN-DAN SHAN SHERAN 2338-ET	USA 72844087						
SAN-DAN SHAN SHESAM 2331-ET	USA 72844085						
SAN-DAN SHAN SKITTLES-ET	USA 72865328						
SAN-DAN SHE-COIN 18012-ET	840003012559654						
SAN-DAN SHEGULL 2314-ET	USA 72769271						
SAN-DAN SHEGULL 31773-ET	840003126775778						
SAN-DAN SHEGULL MG 31046-ET	840003126775051						
SAN-DAN SHEGULL MG31029-ET	840003126775034						
SAN-DAN SHEMO MEG 54945-ET	840003010353692						
SAN-DAN SHERAN DRC 71031-ET	840003123614820						
SAN-DAN SHERAN DRC 71041-ET	840003123614830						1
SAN-DAN SHERAN DRC 71145-ET	840003123614934						
SAN-DAN SHERAN LNK 62533	840003010366280						
SAN-DAN SHERAN ROW 56532-ET	840003010355279					C	
SAN-DAN SHERAN ROW 56535-ET	840003010355282						
SAN-DAN SHERAN ROW 56544-ET	840003010355291						
SAN-DAN SHESAM DEL 56378-ET	840003010355125						
SAN-DAN SHESAM DEL 56379-ET	840003010355126						
SAN-DAN SHESAM DEL 56380-ET	840003010355127						
SAN-DAN SHINE DZR 31887-ET	840003126775892						
SAN-DAN SHINE MON 31410-ET	840003126775415						
SAN-DAN SHINE SIL 33061-ET	840003126777066						
SAN-DAN SILVER 31931-ET	840003126775936						
SAN-DAN SILVR 31890-ET	840003126775895						
SAN-DAN SKITTLES RUB 62625	840003010366372						
SAN-DAN SKRDAY TROY 1423-ET	840003131847398						
SAN-DAN SS LEGO 2231-ET	USA 72619871						
SAN-DAN SS LINCOLN 2236-ET	USA 72619874						
SAN-DAN SS LUCKY 2237-ET	USA 72619875						
SAN-DAN SUPLEX LARK 2252-ET	USA 72619881						
SAN-DAN SUPR LISTR 32169-ET	840003126776174						
SAN-DAN SYM MADISON 2365-ET	USA 72916816			C		C	
SAN-DAN TRAC DENV 56455-ET	840003010355202						
SAN-DAN TROY 1444-ET	840003131847419						
SAN-DAN TROY 56487-ET	840003010355234					C	

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SAN-DAN TROY 56488-ET	840003010355235						
SAN-DAN TROY 56490-ET	840003010355237					C	
SAN-DAN TROY TINA-ET	840003128575345						
SAN-DAN UNO MERICAL 2383-ET	USA 72963549						
SAN-DAN UNO MISSY 2381-ET	USA 72963548						
SAN-DAN YOD 30685-ET	840003126774690						
SAN-DAN YOD 30697-ET	840003126774702						1
SAN-DAN YODER 30601-ET	840003126774606						1
SANCY-VALLEY-I JSET PHYLLIS-ET	CAN 109010820						
SAND-KNOLL BOLTON SANDRA-ET	USA 62652907						
SANDER EMORY LEXIE	USA 132169949			C			
SANDERIJ MASSIA ELBA	NLD 890446188						
SANDERIJ MASSIA ELKE	NLD 890446171						
SANDLAND GUTHRIE MADISON	USA 143478759			C			
SANDLAND LASER RENAN	USA 143007098						
SANDLAND MCNUGGETS ASHLY	USA 143478786						
SANDLAND OBSERVER BRISTOL	USA 143478731						
SANDLAND OBSERVER JOCELYNN	USA 143478740						3
SANDLAND OBSERVR BRIONNA	USA 143478777						
SANDLAND RICHMAN AERGIA	USA 142035562						
SANDLAND SHOT ANABELL	USA 143548195					C	
SANDLAND SHOT BRANDY	USA 143478768						
SANDLAND SHOT MONISAI	USA 142523997					C	
SANDLAND SUPERSIRE SHABRIA	USA 143517577						
SANDLICK BRAXTON COOKIE	USA 70801631	C		C			
SANDLICK BRAXTON LOLLIPOP	USA 70801651						
SANDLICK COLTP ROSE-RED	USA 72009345						
SANDLICK DUSK STELLA-RED	USA 70801641						1
SANDLICK LITHIUM LIZ	USA 72009339						
SANDLICK SHAMROCK VILOET	USA 72009320						
SANDMAN ANNABELL-RED-ET	840003012204384						
SANDMAN HALOGEN AURORA-ET	840003012204381						
SANDMAN LADD PEDALS P-ET	USA 57158215						
SANDMAN LADD PISTIL-RED-ET	USA 72216662						1
SANDMAN LD PEBBLES P-RED-ET	USA 57158214						
SANDMAN PIXIE DUST-PP-RED	840003012204383						
SANDY-ACRES BRET POMPUSS	USA 62113692						
SANDY-LOAM ACY LOURDES-RED	USA 72060102						1
SANDY-LOAM ARIENS-RED-ET	USA 64985496						
SANDY-LOAM B STRATON-RED-ET	USA 64985512						
SANDY-LOAM CLARK LANEY	USA 71151666						
SANDY-LOAM KABOTA-RED-ET	USA 64985506						1
SANDY-LOAM LB BELLA-RED-ET	USA 64985513						
SANDY-LOAM LUSCIOUS-RED-ET	USA 136933601						
SANDY-LOAM PMBRKE NOIRE-ET	USA 69353741						

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SANDY-LOAM RBRST LARIET-RED	USA 72060147						1
SANDY-LOAM RBURST LUNGE-RED	USA 72060139						2
SANDY-LOAM RDBURST LATA-RED	USA 72060115						1
SANDY-LOAM SATORI LORAX-RED	USA 73157401	C					1
SANDY-LOAM SNAPPER-RED-ET	USA 64985497						
SANDY-LOAM TECUMSEH-RED-ET	USA 64985494						
SANDY-LOAM TOULAN-RED-ET	USA 64985517						1
SANDY-LOAM VALENTINE-RED-ET	USA 68757381						
SANDY-RIDGE BRDNCK KATHLEEN	USA 143366658						
SANDY-RIDGE BRDNCK VERSED	USA 143366582						
SANDY-RIDGE DEFIANT CRISP	USA 143324489		C				3
SANDY-RIDGE DEFIANT DAWN	USA 143366573						3
SANDY-RIDGE DEFIENT PAULENE	USA 143366694						
SANDY-RIDGE DIAMOND BIZZY	USA 143366612			C		C	
SANDY-RIDGE DIAMOND DOT	USA 143366685	C				C	
SANDY-RIDGE DIAMOND GEM	USA 143366676					C	3
SANDY-RIDGE DIAMOND POLYANN	USA 143466778						
SANDY-RIDGE MAGENTA R POLLY	USA 143366667						3
SANDY-VALLEY 1ST GLANCE-ET	840003125601180						
SANDY-VALLEY A RAINCLOUD-ET	USA 72471748						
SANDY-VALLEY A RAINDROP-ET	USA 72471744						
SANDY-VALLEY A RAINSTORM-ET	USA 72471745						
SANDY-VALLEY A RAINYDAY-ET	USA 72471743						
SANDY-VALLEY AC MAYBELLE-ET	USA 70811626						
SANDY-VALLEY ACMY MAYDAY-ET	USA 70811624						
SANDY-VALLEY ACTIV DALLY-ET	USA 66454694						
SANDY-VALLEY ACTV SHELLY-ET	USA 66454678						
SANDY-VALLEY ACTV SHERRY-ET	USA 66454674						
SANDY-VALLEY ADDICTION-ET	USA 72471706						
SANDY-VALLEY ADMIRATION-ET	USA 72471713						
SANDY-VALLEY ADREAMCOMETRUE	840003125601245						
SANDY-VALLEY AFTERGLOW-ET	USA 72471779						
SANDY-VALLEY AGREEABLE-ET	840003125601484						
SANDY-VALLEY AIKMAN 5380-ET	USA 72471762						
SANDY-VALLEY AIR DANETTE-ET	USA 70811622						1
SANDY-VALLEY AIR SHANTELLE	USA 70811688						
SANDY-VALLEY AIR THUNDER-ET	USA 70811668						1
SANDY-VALLEY AIRN SHAMRA-ET	USA 70811687						
SANDY-VALLEY AIRN TAYLOR-ET	USA 70811673						1
SANDY-VALLEY AIRNET TORI-ET	USA 70811667						
SANDY-VALLEY AIRNT SHARI-ET	USA 70811682						
SANDY-VALLEY AKM CRACKER-ET	USA 72471634						
SANDY-VALLEY AL BRITTANY-ET	USA 66454769						1
SANDY-VALLEY ALCHEMY MAY-ET	USA 70811625						
SANDY-VALLEY ALEX OLIVIA-ET	USA 66454753					C	

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SANDY-VALLEY ALEXAN BRIA-ET	USA 66454771						
SANDY-VALLEY ALEXAN FIRE-ET	USA 66454786					C	
SANDY-VALLEY ALL THAT JAZZ	USA 72471631						
SANDY-VALLEY ALLY BAILEY-ET	USA 64833377		C				
SANDY-VALLEY ALR BRITANY-ET	USA 66173473						
SANDY-VALLEY ALR RAINBOW-ET	USA 72471746						
SANDY-VALLEY ALX FASHION-ET	USA 66454830						
SANDY-VALLEY AM PRECIOUS-ET	USA 66454711						
SANDY-VALLEY AMARILLOSKY-ET	USA 72471807						
SANDY-VALLEY AMATE DANDY-ET	USA 64833446					C	
SANDY-VALLEY AMAZINGRACE-ET	840003125601099						
SANDY-VALLEY AMERICAN DREAM	840003125601116						
SANDY-VALLEY AMY BALCONY-ET	USA 70811618					C	1
SANDY-VALLEY ANGEL EYES-ET	USA 70811638						
SANDY-VALLEY ANGELS HALO-ET	USA 72471791						
SANDY-VALLEY ANGELWINGS	USA 72471737						
SANDY-VALLEY ANNABELLE-ET	840003125601103						
SANDY-VALLEY ANNIEOAKLEY-ET	840003125601181						
SANDY-VALLEY APHRODITE-ET	USA 72471846						
SANDY-VALLEY AQUAMARINE-ET	USA 70811829						
SANDY-VALLEY ARIZONA SKY-ET	USA 72471860						
SANDY-VALLEY ARM PROMISE-ET	USA 66454703						
SANDY-VALLEY ARM TANESHA-ET	USA 66454677						
SANDY-VALLEY ARMS DAZZLE-ET	USA 66454631						
SANDY-VALLEY ARMST JULIA-ET	USA 66454632						
SANDY-VALLEY ARMST PAIGE-ET	USA 66454709						
SANDY-VALLEY ARMST PENNY-ET	USA 66454708						
SANDY-VALLEY ARMST TOPSY-ET	USA 66454669						
SANDY-VALLEY ARMSTD TOGA-ET	USA 66454667						
SANDY-VALLEY ARMSTD TORA-ET	USA 66454672						1
SANDY-VALLEY ARMSTEAD BERRY	USA 64833442						
SANDY-VALLEY ARNT BRYANA-ET	USA 70811735						
SANDY-VALLEY ARNT DANCER-ET	USA 70811627						1
SANDY-VALLEY ARON CALINA-ET	USA 69998510						
SANDY-VALLEY ATWD BARBIE-ET	USA 69250651						
SANDY-VALLEY ATWD BELLA-ET	USA 69250649					C	
SANDY-VALLEY ATWD BLACKY-ET	USA 69250650					C	
SANDY-VALLEY ATWD BRADY-ET	USA 69250652						
SANDY-VALLEY ATWD BRANDY-ET	USA 69250653						
SANDY-VALLEY ATWOOD ASHTON	USA 70811683						
SANDY-VALLEY AUGUST SKY-ET	USA 72471858						
SANDY-VALLEY AWESTRUCK-ET	840003125601448						
SANDY-VALLEY B CASSANDRA-ET	USA 64833330						
SANDY-VALLEY B FIREOPAL-ET	USA 63114904						
SANDY-VALLEY B MOONLITE-ETS	USA 64833274		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
SANDY-VALLEY B TAMBORINE-ET	USA 64833248						
SANDY-VALLEY B-WD FRISCO-ET	USA 17121078						
SANDY-VALLEY BABYCAKES-ET	USA 70811691						
SANDY-VALLEY BABYDOLL-ET	USA 70811692						
SANDY-VALLEY BABYGIRL-ET	USA 70811694					C	
SANDY-VALLEY BABYGRAND-ET	USA 70811693					C	
SANDY-VALLEY BABYSTEPS-ET	USA 70811684					C	
SANDY-VALLEY BALLERINA-ET	USA 72471397						
SANDY-VALLEY BASHFUL-ET	USA 64833226						1
SANDY-VALLEY BAX DERISSA-ET	USA 64833385						1
SANDY-VALLEY BAXT TAMMIE-ET	USA 64833422						
SANDY-VALLEY BAXTER BETA-ET	USA 64833307						1
SANDY-VALLEY BAXTER TABI-ET	USA 64833421						
SANDY-VALLEY BAXTER TATE-ET	USA 64833403						
SANDY-VALLEY BAYA-ET	USA 136072933						
SANDY-VALLEY BAYONET DOBLE	840003125601398						
SANDY-VALLEY BAYONT ABRA-ET	840003125601257						
SANDY-VALLEY BBRO YEEHAW-ET	USA 72471842						
SANDY-VALLEY BCO FIREBEE-ET	USA 69250646					C	
SANDY-VALLEY BE DISTINCT-ET	USA 72471699						
SANDY-VALLEY BE THE BEST-ET	USA 72471676						
SANDY-VALLEY BEAUTIFUL-ET	USA 70811791						
SANDY-VALLEY BEAUTY QUEEN	840003125601278						
SANDY-VALLEY BEAUTYQUEEN-ET	USA 70811797						
SANDY-VALLEY BEST CHANCE	USA 72471689						1
SANDY-VALLEY BEST O LUCK-ET	USA 72471677						
SANDY-VALLEY BESTGIRL-ET	USA 72471518						
SANDY-VALLEY BETSY ROSS-ET	USA 69998450						
SANDY-VALLEY BEWITCH-ET	840003125601430						
SANDY-VALLEY BEYOND BEST-ET	USA 72471396						
SANDY-VALLEY BILLIE JEAN-ET	USA 70811865						
SANDY-VALLEY BILLIE JO-ET	USA 70811864						
SANDY-VALLEY BITTERSWEET-ET	USA 70811940						
SANDY-VALLEY BKM BENTLEY-ET	USA 70811505					C	
SANDY-VALLEY BKM BEVERLY-ET	USA 70811498					C	
SANDY-VALLEY BKM MUSICAL-ET	USA 69998513						
SANDY-VALLEY BL PARADISE-ET	USA 72471723					C	
SANDY-VALLEY BLACK COMET-ET	USA 70811888						
SANDY-VALLEY BLACK DIAMOND	USA 70811930						
SANDY-VALLEY BLACK LACE-ET	USA 72471679						
SANDY-VALLEY BLACK PEARL-ET	USA 66454833						
SANDY-VALLEY BLACKCHERRY-ET	USA 72471400						
SANDY-VALLEY BLACKMAGIC-ET	USA 72471556						
SANDY-VALLEY BLAKPEARL-ET	USA 72471527						
SANDY-VALLEY BLAZE OF GLORY	USA 72471477		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY BLING BLING-ET	USA 70811592					C	
SANDY-VALLEY BLS AMAZING-ET	840003125601096						
SANDY-VALLEY BLTN DENALI-ET	USA 64833252	C					
SANDY-VALLEY BLTN LYBBIE-ET	USA 64833221						
SANDY-VALLEY BLUE ANGEL-ET	USA 72471767						
SANDY-VALLEY BLUE PEARL-ET	USA 72471524						3
SANDY-VALLEY BLUEBUNNY-ET	USA 72471623						
SANDY-VALLEY BLUEGRASS-ET	840003125601389						
SANDY-VALLEY BLV GAZELLE-ET	USA 64833341	C					
SANDY-VALLEY BLV GEORGIA-ET	USA 64833324						
SANDY-VALLEY BLV TOM TOM-ET	USA 64833247						
SANDY-VALLEY BLVR SICILY-ET	USA 64833365						
SANDY-VALLEY BLVR TAMIKA-ET	USA 64833245						
SANDY-VALLEY BMB GLIMMER-ET	840003125601075						
SANDY-VALLEY BMB GLITTER-ET	840003125601073						
SANDY-VALLEY BMBR AUBURN-ET	USA 72471810						
SANDY-VALLEY BMBR JADEYN-ET	USA 72471881						
SANDY-VALLEY BMBRO GLEAM-ET	840003125601080						
SANDY-VALLEY BMBRO GLITZ-ET	840003125601078						
SANDY-VALLEY BMBRO JENNI-ET	840003125601205						
SANDY-VALLEY BMBRO JILLY-ET	840003125601200						
SANDY-VALLEY BMBRO YUNIE-ET	840003125601122						
SANDY-VALLEY BMO YAHTZEE-ET	USA 72471843						
SANDY-VALLEY BN TREASURE-ET	USA 64833261						
SANDY-VALLEY BO AMBROSIA-ET	USA 72471804						
SANDY-VALLEY BODACIOUS-ET	USA 69998631						
SANDY-VALLEY BOGART DOT-ET	USA 69701605		C				
SANDY-VALLEY BOKEM PARADISE	USA 69998559						
SANDY-VALLEY BOKM BEYLYN-ET	USA 70811557					C	
SANDY-VALLEY BOKM BRYNLY-ET	USA 70811495					C	
SANDY-VALLEY BOKM CHAYLE-ET	USA 69998593					C	
SANDY-VALLEY BOKM MONIKA-ET	USA 70811562						
SANDY-VALLEY BOL TOBIANA-ET	USA 64833413						
SANDY-VALLEY BOLIV BAMBI-ET	USA 64833271						
SANDY-VALLEY BOLIV OASIS-ET	USA 64833254						
SANDY-VALLEY BOLT CANDI-ET	USA 64833262						
SANDY-VALLEY BOLT DANCER-ET	USA 63114872						
SANDY-VALLEY BOLTO TASHA-ET	USA 64833444						
SANDY-VALLEY BOLTON 3827-ET	USA 66454638					C	
SANDY-VALLEY BOLTON 3832-ET	USA 66454643			C			
SANDY-VALLEY BOLV AUBREY-ET	USA 64833380						
SANDY-VALLEY BOLV BANNER-ET	USA 64833272						
SANDY-VALLEY BOLV GLENDA-ET	USA 64833342						
SANDY-VALLEY BOLVR SASHA-ET	USA 64833370						
SANDY-VALLEY BOMBRO 5591-ET	840003125601155						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY BOMBRO 5597-ET	840003125601161						
SANDY-VALLEY BOMBRO GLAM-ET	840003125601079						
SANDY-VALLEY BOMBRO JAVA-ET	840003125601203						
SANDY-VALLEY BOMBRO ROBERTA	USA 72471841						
SANDY-VALLEY BON VOYAGE	USA 72471403						
SANDY-VALLEY BOOKEM BOO-ET	USA 70811567						
SANDY-VALLEY BOOKEM ERYN	USA 70811521						
SANDY-VALLEY BOOKM BEKKA-ET	USA 70811471						
SANDY-VALLEY BOOKM MOLLY-ET	USA 70811563						
SANDY-VALLEY BOOKM SHEBA-ET	USA 70811463						
SANDY-VALLEY BORN TO WIN-ET	USA 72471803						
SANDY-VALLEY BORNTORACE-ET	USA 72471797						
SANDY-VALLEY BOSTON ALLY-ET	USA 64833297						
SANDY-VALLEY BOWSER KIWI	USA 69998449						
SANDY-VALLEY BOWSR MAPLE-ET	USA 70811460						
SANDY-VALLEY BRASSBUTTON-ET	USA 72471462						
SANDY-VALLEY BRILLIANCE-ET	USA 70811538						
SANDY-VALLEY BRYCE 4550	USA 70811509						
SANDY-VALLEY BRYCE 4558	USA 70811517						
SANDY-VALLEY BUTTERCREAM-ET	840003125601525	C					
SANDY-VALLEY BUTTERFINGR-ET	USA 72471738						
SANDY-VALLEY BW SNICKERS-ET	USA 69998610						
SANDY-VALLEY BWSR BRYONY-ET	USA 69998605						
SANDY-VALLEY BWSR MARBLE-ET	USA 70811468						
SANDY-VALLEY BWSR VIENNA-ET	USA 69701581						
SANDY-VALLEY BWSR VIOLET-ET	USA 69701583					C	
SANDY-VALLEY BY SATIN-ETS	840003125601395						
SANDY-VALLEY BYNT ANTHEM-ET	840003125601258						
SANDY-VALLEY BYNT SUNNY-ET	840003125601394						
SANDY-VALLEY BYT SILK-ETS	840003125601396						
SANDY-VALLEY C PISTACHIO-ET	USA 69701606						
SANDY-VALLEY CAFFE-ET	840003125601557						
SANDY-VALLEY CAFFEINE-ET	840003125601551						
SANDY-VALLEY CALICO-ET	840003125601518						
SANDY-VALLEY CALLALILY-ET	840003125601220					C	
SANDY-VALLEY CALLMECRAZY-ET	USA 72471448						
SANDY-VALLEY CAM DELAYNA-ET	USA 70811604						
SANDY-VALLEY CAMERON 4851	USA 70811810					C	
SANDY-VALLEY CAMILLE-ET	USA 64833228						
SANDY-VALLEY CAMN DENALI-ET	USA 70811596						
SANDY-VALLEY CAMRN DARIA-ET	USA 70811611						
SANDY-VALLEY CAMRN GOLDY-ET	USA 70811663						
SANDY-VALLEY CAMRON DEMI-ET	USA 70811603						
SANDY-VALLEY CAMRON DOTS-ET	USA 70811595						
SANDY-VALLEY CANDI COCOA-ET	USA 70811573						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY CANDI KISS-ET	USA 70811569						
SANDY-VALLEY CANDID-ET	840003125601495						
SANDY-VALLEY CANDLELIGHT-ET	840003125601494	C					
SANDY-VALLEY CANDY CAKE-ET	USA 72471759						
SANDY-VALLEY CANON BRECA	USA 70811701					C	
SANDY-VALLEY CANON GUCCI	USA 70811552						
SANDY-VALLEY CARELESS-ET	840003125601251						
SANDY-VALLEY CARROTCAKE-ET	840003014258743						
SANDY-VALLEY CARROTTOP-ET	840003125601386						
SANDY-VALLEY CASNO PATTY-ET	USA 69998441						
SANDY-VALLEY CASNO PEYSA-ET	USA 69998445						
SANDY-VALLEY CASSIOPEIA-ET	USA 72471453						
SANDY-VALLEY CAYLEE-RED-ET	USA 69998496						
SANDY-VALLEY CC BACARDI-ET	USA 72471478						
SANDY-VALLEY CC BECALM-ET	USA 72471732						
SANDY-VALLEY CC BECAUSE-ET	USA 72471730						
SANDY-VALLEY CC BRANDY-ET	USA 72471494						
SANDY-VALLEY CC DECADENT-ET	USA 72471686						1
SANDY-VALLEY CC ELECTRA-ET	USA 72471450						1
SANDY-VALLEY CC ELICIA-ET	USA 72471449						
SANDY-VALLEY CC MERCEDES-ET	USA 72471649						1
SANDY-VALLEY CC OCEAN-ET	USA 72471704						
SANDY-VALLEY CC PALACE-ET	USA 72471650					C	
SANDY-VALLEY CC PANACEA-ET	USA 72471651					C	
SANDY-VALLEY CC PANAMA-ET	USA 72471652						1
SANDY-VALLEY CC PANIC-ET	USA 72471653					C	
SANDY-VALLEY CC PEACE-ET	USA 72471654					C	1
SANDY-VALLEY CC PEERLESS-ET	CAN 108842563						
SANDY-VALLEY CC PORSCHE-ET	USA 72471681						
SANDY-VALLEY CC PROSPER-ET	CAN 108842565						1
SANDY-VALLEY CC SEASON-ET	USA 72471655						1
SANDY-VALLEY CC SECRET-ET	USA 72471656						
SANDY-VALLEY CC SIDEKICK-ET	USA 72471657						
SANDY-VALLEY CELEBRITY-ET	USA 72471873						
SANDY-VALLEY CELTIC-ET	840003125601534						
SANDY-VALLEY CHAIRMAN TIANA	USA 69998529						
SANDY-VALLEY CHAMBRC GIN-ET	USA 70811575						
SANDY-VALLEY CHANCE P-ET	USA 72471409						
SANDY-VALLEY CHARDONNAY-ET	840003125601235						
SANDY-VALLEY CHEESECAKE-ET	USA 72471484			C			
SANDY-VALLEY CHERRYONTOP-ET	840003125601381						
SANDY-VALLEY CHIP LYNZEE-ET	USA 70811565						
SANDY-VALLEY CHIP SHANIA-ET	USA 70811553						
SANDY-VALLEY CHIP SHAUNA-ET	USA 70811564						
SANDY-VALLEY CHLOE-ET	840003125601539					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY CHOCLATCAKE-ET	USA 72471733						
SANDY-VALLEY CHOCO CHIP-ET	USA 70811695						
SANDY-VALLEY CHOCOLATE-ET	840003125601410						
SANDY-VALLEY CLASSY GAL-ET	840003125601182						
SANDY-VALLEY CLEA P-RED-ET	USA 70811700						1
SANDY-VALLEY CLICHE-ET	840003125601535						
SANDY-VALLEY CLOUD NINE-ET	840003125601189					C	
SANDY-VALLEY CLOVER-RED-ET	USA 72471632						
SANDY-VALLEY CLOVERBUD-ET	USA 72471587						
SANDY-VALLEY CMRN DAICEE-ET	USA 70811616						
SANDY-VALLEY CMRN GOLDEN-ET	USA 70811655						
SANDY-VALLEY CO CAROLINE-ET	USA 70811492						
SANDY-VALLEY COBALT 5146	USA 72471528						
SANDY-VALLEY COCHISE MARIA	840003125601088						
SANDY-VALLEY COCHISE SUMMER	USA 72471878						
SANDY-VALLEY COCONUTCAKE-ET	USA 72471786						
SANDY-VALLEY COFFEECAKE-ET	USA 72471688						
SANDY-VALLEY COKIMONSTER-ET	840003125601459	C					
SANDY-VALLEY COKISNCREAM-ET	840003125601350						
SANDY-VALLEY COL WHISPER-ET	USA 64833347		C				
SANDY-VALLEY COLB BLANCO-ET	USA 64833339		C				
SANDY-VALLEY COLB WILLOW-ET	USA 64833348		C				
SANDY-VALLEY COLT ANABEL P	USA 70811750					C	
SANDY-VALLEY COLT COLY-P-ET	USA 70811480						
SANDY-VALLEY COLT CORAL-ET	USA 70811502						
SANDY-VALLEY COLT FILLY-ET	USA 70811479					C	
SANDY-VALLEY CONFETICAKE-ET	USA 72471761						
SANDY-VALLEY COOKIEDOUGH-ET	840003125601296						
SANDY-VALLEY COOPER-ET	USA 72471430						
SANDY-VALLEY COVERGIRL-ET	840003125601176						
SANDY-VALLEY CREME-ET	840003125601412						
SANDY-VALLEY CRYSTAL CLEAR	USA 72471589						
SANDY-VALLEY CUSTARD-ET	840003125601411						
SANDY-VALLEY CUTIE PIE	USA 72471520						
SANDY-VALLEY CUTIEMAX-ET	840003125601086					C	
SANDY-VALLEY D MOONBEAM-ET	840003125601357						
SANDY-VALLEY D MOONGLOW-ET	840003125601358						
SANDY-VALLEY D MOONLIGHT-ET	840003125601352						
SANDY-VALLEY D MOONSHINE-ET	840003125601351						
SANDY-VALLEY D PRICELESS-ET	840003125601506						
SANDY-VALLEY DADY VIVIAN-ET	USA 70811892		C			C	
SANDY-VALLEY DAKER ARYKA-ET	USA 70811787						1
SANDY-VALLEY DARE 2DREAM-ET	USA 70811943						
SANDY-VALLEY DARETODREAM-ET	840003125601339						
SANDY-VALLEY DAVINCI 5749	840003125601313						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY DAY DREAM-ET	USA 69998549						
SANDY-VALLEY DAY JADYN	USA 70811935						
SANDY-VALLEY DC ACCOLADE-ET	840003125601284						
SANDY-VALLEY DC ALCATRAZ-ET	840003125601287						
SANDY-VALLEY DCO CLASSIC-ET	840003125601520						
SANDY-VALLEY DCTV CANDID-ET	USA 72471701						
SANDY-VALLEY DCTV FLURRY-ET	USA 72471700						
SANDY-VALLEY DDY VICTORY-ET	USA 70811893						
SANDY-VALLEY DEBUTANTE-ET	USA 72471628						
SANDY-VALLEY DEDUCT 5453-ET	USA 72471835						
SANDY-VALLEY DEFYGRAVITY-ET	USA 72471667						
SANDY-VALLEY DEJ ADALAYA-ET	USA 72471874						
SANDY-VALLEY DEJA AUDREY-ET	USA 72471868						
SANDY-VALLEY DEL SAFFRON-ET	840003125601461						
SANDY-VALLEY DELT SAHARA-ET	840003125601458						
SANDY-VALLEY DELTA BLUES-ET	840003125601387						
SANDY-VALLEY DELTA LOGO-ET	840003125601514						
SANDY-VALLEY DELTA SPICE-ET	840003125601456						
SANDY-VALLEY DEST SHAYNA-ET	USA 69998462						1
SANDY-VALLEY DESTRY ANYA-ET	USA 69701656				C	C	
SANDY-VALLEY DETRO ELATE-ET	USA 70811917						
SANDY-VALLEY DETROIT 4548	USA 70811507						1
SANDY-VALLEY DEVIOUS GAL-ET	USA 72471472						
SANDY-VALLEY DEW DROP-ET	840003125601270						1
SANDY-VALLEY DEYJA ADELE-ET	USA 72471866						
SANDY-VALLEY DEYJA CAMEYA	840003125601064						
SANDY-VALLEY DHARD OHARA-ET	USA 64833359						
SANDY-VALLEY DHD DELILAH-ET	USA 64833426						
SANDY-VALLEY DIGIT BLINK-ET	USA 66454684						
SANDY-VALLEY DIGIT PEARL-ET	USA 66454710						
SANDY-VALLEY DIH BELINDA-ET	USA 66454763						
SANDY-VALLEY DIHD BIRDIE-ET	USA 66454765						
SANDY-VALLEY DIHD BRENDA-ET	USA 66454764						
SANDY-VALLEY DISTINCTN 5332	USA 72471714						
SANDY-VALLEY DISTNC 5488-ET	USA 72471870						
SANDY-VALLEY DIXIE CHIC-ET	USA 70811727						
SANDY-VALLEY DL LIVEWIRE-ET	840003125601516						
SANDY-VALLEY DLTA LEGEND-ET	840003125601515						
SANDY-VALLEY DLTA LIVELY-ET	840003125601521						
SANDY-VALLEY DM BEDAZZLE-ET	USA 69998539						
SANDY-VALLEY DM BROADWAY-ET	840003125601322						
SANDY-VALLEY DMRS BOOGIE-ET	840003125601318						
SANDY-VALLEY DNVR NEVADA-ET	840003125601522						
SANDY-VALLEY DO NORDIC-ET	840003125601476	C					
SANDY-VALLEY DOM BEDONNA-ET	USA 69998599						

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SANDY-VALLEY DOM SHIMMER-ET	USA 69701638						
SANDY-VALLEY DOMAIN CAMDYN	USA 70811615					C	
SANDY-VALLEY DOMAIN GINA	USA 69998464						
SANDY-VALLEY DOMAIN TIDE-ET	USA 69998511						
SANDY-VALLEY DOMAIN TOBI	USA 69998548				C		
SANDY-VALLEY DOMAN ADINA-ET	USA 69998482						
SANDY-VALLEY DOMAN BRYLA-ET	USA 69701598						
SANDY-VALLEY DOMAN DIVINITY	USA 69701579						
SANDY-VALLEY DOMAN TWIST-ET	USA 69998523						
SANDY-VALLEY DOMN BEDARA-ET	USA 69998568						
SANDY-VALLEY DOMN SHADOW-ET	USA 69701637						
SANDY-VALLEY DOMN TRESDA-ET	USA 70811815						
SANDY-VALLEY DOMN TRESSA-ET	USA 69998471						
SANDY-VALLEY DOR ENDLESS-ET	840003125601375					C	
SANDY-VALLEY DOR SHIRLEY-ET	USA 69701642						
SANDY-VALLEY DOR TWITTER-ET	USA 140975761						
SANDY-VALLEY DORCY POLLY-ET	USA 69998442						
SANDY-VALLEY DRACO ACE-ET	840003125601285						
SANDY-VALLEY DRACO ACELA-ET	840003125601290						
SANDY-VALLEY DRACO CATO-ET	840003125601513						
SANDY-VALLEY DRC ACTRESS-ET	840003125601289						1
SANDY-VALLEY DRCO ACACIA-ET	840003125601286						1
SANDY-VALLEY DRCO ACCENT-ET	840003125601288						1
SANDY-VALLEY DRCO CHROME-ET	840003125601517						
SANDY-VALLEY DRCY SHAMAY-ET	USA 69701639						
SANDY-VALLEY DRCY SHAVON-ET	USA 69701640						
SANDY-VALLEY DRCY SHEENA-ET	USA 69701641						
SANDY-VALLEY DREAM BIG	840003125601434						
SANDY-VALLEY DREAMGIRL-ET	840003125601333						
SANDY-VALLEY DREAMSTAR-ET	USA 70811911						
SANDY-VALLEY DRENALINE-ET	840003125601454						
SANDY-VALLEY DRMN GLORIA-ET	USA 72471604						
SANDY-VALLEY DRSO BEAUTY-ET	840003125601481						
SANDY-VALLEY DST PEBBLES-ET	USA 72471707						
SANDY-VALLEY DST PHILIPA-ET	USA 72471708						
SANDY-VALLEY DST PHYLLIS-ET	USA 72471852						
SANDY-VALLEY DSTN PHILLY-ET	USA 72471712						
SANDY-VALLEY DSTNC PRADA-ET	USA 72471705						
SANDY-VALLEY DTROIT NOVI-ET	USA 69998466						
SANDY-VALLEY DV WHITEOUT-ET	840003125601504						
SANDY-VALLEY DY SHERIDAN-ET	USA 69701643						
SANDY-VALLEY EARNHT MISSY P	USA 70811934						
SANDY-VALLEY EBSY BANDIT-ET	USA 72471709						
SANDY-VALLEY EF PEEKABOO-ET	USA 72471591						
SANDY-VALLEY ELCT BALLOT-ET	USA 72471394						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY ELCTION BET-ET	USA 72471390						
SANDY-VALLEY ELCTION BIT-ET	USA 72471393						
SANDY-VALLEY ELTON FRICTION	USA 15433133						
SANDY-VALLEY EMBASY DEMI-ET	USA 72471606						1
SANDY-VALLEY EMBSSY 5456-ET	USA 72471838						
SANDY-VALLEY EMBSY DANTI-ET	USA 72471607						1
SANDY-VALLEY EMBY BONBON-ET	USA 72471834						
SANDY-VALLEY EMBY DANISH-ET	USA 72471624						1
SANDY-VALLEY EMBY DONATA-ET	USA 72471610						
SANDY-VALLEY EN FINEESHA-ET	USA 72471521						
SANDY-VALLEY ENFC BOOBOO-ET	USA 72471603						
SANDY-VALLEY ENFC BOOYAH-ET	USA 72471566						
SANDY-VALLEY ENFRC ANNIE-ET	USA 72471558						
SANDY-VALLEY ENFRC PENNY-ET	USA 72471597						
SANDY-VALLEY ENTAL SNOWY-ET	840003125601310						
SANDY-VALLEY EP BLUEBELL-ET	USA 70811671					C	
SANDY-VALLEY EP BLUEJEAN-ET	USA 70811669						
SANDY-VALLEY EP BLUESTAR-ET	USA 70811670					C	
SANDY-VALLEY EP LIMERICK-ET	USA 70811709						
SANDY-VALLEY EPIC BARBIE	USA 70811610					C	
SANDY-VALLEY EPIC CAPER-ET	USA 70811813						
SANDY-VALLEY EPIC CARLY RAE	USA 70811777						
SANDY-VALLEY EPIC COPPER-ET	USA 70811818						3
SANDY-VALLEY EPIC DAZZLE-ET	USA 70811645						
SANDY-VALLEY EPIC DEVI-ET	USA 70811631						
SANDY-VALLEY EPIC PERLA-ET	USA 70811697						
SANDY-VALLEY EPIC PHEBE-ET	USA 70811696						
SANDY-VALLEY EPIC PIA-ET	USA 70811698					C	
SANDY-VALLEY EPIC SHAY-ET	USA 70811634						
SANDY-VALLEY EPIC VIERA-ET	USA 70811641						
SANDY-VALLEY EPIPHANY-ET	840003125601377						
SANDY-VALLEY ESCAPADE-ET	840003125601315						
SANDY-VALLEY ESPERANZA-ET	840003125601373						
SANDY-VALLEY ETERNITY-ET	840003125601378						
SANDY-VALLEY ETHEREAL-ET	840003125601376						
SANDY-VALLEY EVERAFTER-ET	840003125601194						
SANDY-VALLEY EVERYTHING-ET	840003125601334						
SANDY-VALLEY EXPLD DARCY-ET	USA 69998552						
SANDY-VALLEY EXPLOD CALISTA	USA 70811629						
SANDY-VALLEY EXTRAGOOD-ET	840003125601343						
SANDY-VALLEY FACBK LEYFA-ET	USA 70811541						
SANDY-VALLEY FACBK LEYSS-ET	USA 70811545						
SANDY-VALLEY FAIRYDUST-ET	840003125601223						
SANDY-VALLEY FANCYPANTS-ET	USA 72471609					C	
SANDY-VALLEY FBK CALYPSO-ET	USA 70811656						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY FBK FELICIA-ET	USA 70811530						
SANDY-VALLEY FBK VIVIENE-ET	USA 70811533						
SANDY-VALLEY FCBK LEYTON-ET	USA 70811540						
SANDY-VALLEY FEARLESS-ET	840003125601483						
SANDY-VALLEY FERNAN FRISBEE	USA 70811703						
SANDY-VALLEY FERNAND TEAL	USA 72471426						
SANDY-VALLEY FIRE FIESTA-ET	USA 66454719					C	
SANDY-VALLEY FIREFAIR-ET	USA 64833306				C		
SANDY-VALLEY FIRERUBY-ET	USA 64833369						
SANDY-VALLEY FIRES FLUTE-ET	USA 66454697					C	
SANDY-VALLEY FIRST PICK-ET	USA 72471722						
SANDY-VALLEY FIRST PRIZE-ET	USA 72471728						
SANDY-VALLEY FLAM LUSTRE-ET	USA 72471735						
SANDY-VALLEY FLAM ONFIRE-ET	USA 72471865						
SANDY-VALLEY FLAM PUZZLE-ET	USA 72471711					C	
SANDY-VALLEY FLAM SIZZLE-ET	USA 72471703						
SANDY-VALLEY FLAM SMOKEY-ET	USA 72471747						
SANDY-VALLEY FLAMBOYANT-ET	840003125601406						
SANDY-VALLEY FLAME AGLOW-ET	USA 72471861						
SANDY-VALLEY FLAMEBRIGHT-ET	USA 72471740					C	
SANDY-VALLEY FLAWLESS-ET	840003125601508						
SANDY-VALLEY FLM PAGEANT-ET	USA 72471750					C	
SANDY-VALLEY FM ALLSPARK-ET	USA 72471774						
SANDY-VALLEY FOLKDANCE-ET	USA 63114909						
SANDY-VALLEY FORGETMENOT-ET	USA 72471734						
SANDY-VALLEY FRD SHERYNN-ET	USA 69998463						
SANDY-VALLEY FRED BRYLAN-ET	USA 69701592						
SANDY-VALLEY FRED BRYNDI-ET	USA 69701597					C	
SANDY-VALLEY FRED MIRAGE-ET	USA 69701607						
SANDY-VALLEY FREDD TASHI-ET	USA 69701621						
SANDY-VALLEY FREDDI 4403-ET	USA 69998541						
SANDY-VALLEY FREDDI 4408-ET	USA 69998546						
SANDY-VALLEY FREDDI GIFT-ET	USA 69701660						
SANDY-VALLEY FREDDIE 5171	USA 72471553						
SANDY-VALLEY FREDDIE BRY-ET	USA 69701593					C	
SANDY-VALLEY FREDI BREGA-ET	USA 69701595					C	
SANDY-VALLEY FREDI BRYTE-ET	USA 69701594					C	
SANDY-VALLEY FREDI MISHA-ET	USA 69701611						
SANDY-VALLEY FREDI MISTY-ET	USA 69701610						
SANDY-VALLEY FREEL AN TIANA	USA 135297601						
SANDY-VALLEY FRUITLOOP	840003125601487						
SANDY-VALLEY GABOR DESTINY	USA 69250633						
SANDY-VALLEY GALAX BEAUT-ET	USA 72471473						
SANDY-VALLEY GALAXY 5384-ET	USA 72471766						
SANDY-VALLEY GALAXY COMET	USA 72471502					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
SANDY-VALLEY GALAXY DAX-ET	USA 72471739						
SANDY-VALLEY GALAXY MAIA-ET	USA 72471547						
SANDY-VALLEY GALAXY MOXY-ET	840003014258822						
SANDY-VALLEY GALXY BANGO-ET	USA 72471525						
SANDY-VALLEY GALXY BINGO-ET	USA 72471536						
SANDY-VALLEY GALXY MENSA-ET	USA 72471549						
SANDY-VALLEY GARRET KIRA-ET	USA 69250637						
SANDY-VALLEY GC CHELSIE-ET	USA 70811607						
SANDY-VALLEY GCHIP LYCHA-ET	USA 70811566						
SANDY-VALLEY GDLUCK DANE-ET	USA 134610320						
SANDY-VALLEY GERA BREYGA-ET	USA 69998544					C	
SANDY-VALLEY GILBY MANGO-ET	USA 70811785						
SANDY-VALLEY GILBY MARGO-ET	USA 70811786						
SANDY-VALLEY GILBY MIDGE-ET	USA 70811734						
SANDY-VALLEY GLAMBABY-ET	840003125601445						
SANDY-VALLEY GLAMBAM-ET	840003125601436						
SANDY-VALLEY GLAMORQUEEN-ET	840003125601444						
SANDY-VALLEY GLAMOUROUS-ET	840003125601437						
SANDY-VALLEY GLAMOURSHOT-ET	840003125601148						
SANDY-VALLEY GLAMWOW-ET	840003125601438						
SANDY-VALLEY GLBY MAGGIE-ET	USA 70811732						
SANDY-VALLEY GLBY MARGIE-ET	USA 70811795						
SANDY-VALLEY GLORIA-ET	USA 64833244	C			C		
SANDY-VALLEY GLXY BIRDIE-ET	USA 72471555						
SANDY-VALLEY GLXY MAXINE-ET	840003014258815						
SANDY-VALLEY GLXY MEISSA-ET	USA 72471548						
SANDY-VALLEY GLXY SATURN-ET	USA 72471523						
SANDY-VALLEY GLXY VANITY-ET	USA 72471727						
SANDY-VALLEY GOCHIP LYNN-ET	USA 70811571						
SANDY-VALLEY GODDESS-ET	840003125601269						
SANDY-VALLEY GOLD DINERO-ET	USA 63114726	C					1
SANDY-VALLEY GOLD LUCKY-ET	USA 70811555						
SANDY-VALLEY GOLD LUXE-ET	USA 70811643						
SANDY-VALLEY GOLD LYRA-ET	USA 70811640						
SANDY-VALLEY GOLD TANGIA-ET	USA 63114767						
SANDY-VALLEY GOLD TOYA-ET	USA 63114759						
SANDY-VALLEY GOLDCHIP TAIVA	USA 70811513						
SANDY-VALLEY GOLDWY PESO-ET	USA 63114728						
SANDY-VALLEY GOLDWY TOGO-ET	USA 62188960						1
SANDY-VALLEY GOLDWYN ARWYN	USA 66454695						
SANDY-VALLEY GOLDWYN TREGA	USA 62188977						1
SANDY-VALLEY GOOD GIRL-ET	USA 70811736						
SANDY-VALLEY GORGEOUS-ET	840003125601210						
SANDY-VALLEY GREATST MEMORY	USA 72471721						
SANDY-VALLEY GX BRIDGET-ET	USA 72471537						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY GX BRIGEETA-ET	USA 72471538						
SANDY-VALLEY GX MILKYWAY-ET	USA 72471466						
SANDY-VALLEY GXY BANSHEE-ET	USA 72471539						
SANDY-VALLEY GYPSY ROSE-ET	USA 70811747						
SANDY-VALLEY HALO BREGA-ET	USA 72471636						
SANDY-VALLEY HALO BRHYA-ET	USA 72471639						
SANDY-VALLEY HALO BRYGAN-ET	USA 72471698						
SANDY-VALLEY HALO PHANTA-ET	USA 72471692						
SANDY-VALLEY HALO PHLOX-ET	USA 72471671						
SANDY-VALLEY HALOGN GLOW-ET	USA 72471638						
SANDY-VALLEY HDLINR MACY-ET	USA 70811841						
SANDY-VALLEY HDLNR BEYHA-ET	USA 70811906						
SANDY-VALLEY HDLNR LEYLA-ET	USA 72471423						
SANDY-VALLEY HDLNR THEDA-ET	USA 70811856						
SANDY-VALLEY HEINZ EZANA	840003125601548						
SANDY-VALLEY HGR MONIQUE-ET	USA 72471602						
SANDY-VALLEY HIGH HEELS-ET	USA 72471629		C				
SANDY-VALLEY HIGH HOPES-ET	USA 72471592						
SANDY-VALLEY HIGH STAKES-ET	USA 72471593						3
SANDY-VALLEY HILL EDDIE-ET	USA 70811462						
SANDY-VALLEY HILL ELLIE-ET	USA 70811459						
SANDY-VALLEY HILL EPPIE-ET	USA 69998629						
SANDY-VALLEY HILL ESSIE-ET	USA 69998637						
SANDY-VALLEY HILL EVY-ET	USA 69998625						
SANDY-VALLEY HLNR TAHITI-ET	USA 70811854						
SANDY-VALLEY HLNR TILLIE-ET	USA 70811852						
SANDY-VALLEY HLO PHOENIX-ET	USA 72471669						
SANDY-VALLEY HNT BETHANY-ET	USA 72471500					C	
SANDY-VALLEY HNT CHEETAH-ET	USA 70811900						
SANDY-VALLEY HNT VIOLETA-ET	USA 70811720						
SANDY-VALLEY HNTR BUTTER-ET	USA 70811868						
SANDY-VALLEY HNTR DAWDLE-ET	USA 70811715						
SANDY-VALLEY HNTR VASHTI-ET	USA 70811718						
SANDY-VALLEY HOT TEMPER-ET	USA 70811928						
SANDY-VALLEY HUNTER CHAR-ET	USA 70811877						
SANDY-VALLEY HUNTER CLEO-ET	USA 70811878						
SANDY-VALLEY HUNTER LUELLA	USA 70811664						
SANDY-VALLEY HUNTER LUNA-ET	USA 70811676						
SANDY-VALLEY HUNTER SHASTA	USA 70811728						
SANDY-VALLEY HUNTER VALERIA	USA 70811790						
SANDY-VALLEY HUNTR CHLOE-ET	USA 70811871						
SANDY-VALLEY HUNTR DAYLE-ET	USA 70811730						
SANDY-VALLEY HUNTR DIANA-ET	USA 70811725						
SANDY-VALLEY HUNTR DIONE-ET	USA 70811723						
SANDY-VALLEY HUNTR JULES-ET	USA 70811936						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY HUNTR JULIE-ET	USA 70811941						
SANDY-VALLEY HUNTR VISTA-ET	USA 70811722					C	
SANDY-VALLEY HUNTRESS	USA 70811636						
SANDY-VALLEY HYDRO CORINA	USA 72471575						
SANDY-VALLEY HZ PRISTINE-ET	840003125601530						1
SANDY-VALLEY IM SO FANCY-ET	840003125601297						
SANDY-VALLEY INFINITY-ET	840003125601471						
SANDY-VALLEY IO AMETHYST-ET	USA 69998533						
SANDY-VALLEY IO TWILIGHT-ET	USA 69998601						
SANDY-VALLEY IOA THERESE-ET	USA 69998602						
SANDY-VALLEY IOTA BITTA-ET	USA 69998598						
SANDY-VALLEY IOTA BONITA-ET	USA 69998581						
SANDY-VALLEY IOTA CINDY-ET	USA 69998566					C	
SANDY-VALLEY IOTA CIORA-ET	USA 69998604					C	
SANDY-VALLEY IOTA CUTIE-ET	USA 69998573					C	
SANDY-VALLEY IOTA GARNET-ET	USA 69998534						
SANDY-VALLEY IOTA JEWEL-ET	USA 69998530						
SANDY-VALLEY IOTA MAGIC-ET	USA 70811475						
SANDY-VALLEY IOTA ONYX-ET	USA 69998550						
SANDY-VALLEY IOTA SONATA-ET	USA 70811473					C	
SANDY-VALLEY IOTA TOPAZ-ET	USA 69998535						
SANDY-VALLEY IOTA VIOLA-ET	USA 70811489					C	
SANDY-VALLEY IOTA VISA-ET	USA 70811536					C	
SANDY-VALLEY IRISH DREAM-ET	USA 70811916						
SANDY-VALLEY IRISH LUCK	USA 72471694						
SANDY-VALLEY ITA DIAMOND-ET	USA 69998531						
SANDY-VALLEY ITSPOSSIBLE-ET	USA 72471726						
SANDY-VALLEY J YOUNKERS-ETS	USA 72471818						
SANDY-VALLEY JABIR 5382-ET	USA 72471764						
SANDY-VALLEY JABIR 5383-ET	USA 72471765						
SANDY-VALLEY JABIR PIQUE-ET	USA 72471755					C	
SANDY-VALLEY JABIRJAY-ET	USA 72471625						
SANDY-VALLEY JABR DUJOUR-ET	USA 72471641						1
SANDY-VALLEY JACKMAN BAYJA	USA 72471530			C			
SANDY-VALLEY JAKMAN PERK-ET	USA 72471615						
SANDY-VALLEY JAKMN DIJON-ET	USA 72471481			C			
SANDY-VALLEY JAN CHELSEA-ET	USA 66454807						
SANDY-VALLEY JANGO DOLLY-ET	USA 66454689				C		
SANDY-VALLEY JARD LESLEY-ET	USA 64833464						
SANDY-VALLEY JARDIN FIG-ET	USA 64833334						
SANDY-VALLEY JARDIN PLUM-ET	USA 64833335						
SANDY-VALLEY JARDN TRINA-ET	USA 64833299						
SANDY-VALLEY JASMINE	840003125601230						
SANDY-VALLEY JBR SABRINA-ET	USA 72471753						
SANDY-VALLEY JBR SOMBREA-ET	USA 72471757						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY JC BIANCA-ET	USA 72471678						
SANDY-VALLEY JC BONITA-ET	USA 72471683						
SANDY-VALLEY JC CAJUN-ET	USA 72471659						
SANDY-VALLEY JC CASEY-ET	USA 72471658						
SANDY-VALLEY JC GRACE-ET	USA 72471781						
SANDY-VALLEY JC MAJESTY-ET	USA 72471660						
SANDY-VALLEY JC MAJORIE-ET	USA 72471672						
SANDY-VALLEY JC PAIGE-ET	USA 72471662						
SANDY-VALLEY JC PATIENCE-ET	USA 72471665						
SANDY-VALLEY JC PAZIA-ET	USA 72471661						
SANDY-VALLEY JC PLEASURE-ET	USA 72471674					C	
SANDY-VALLEY JC POLARIS-ET	USA 72471685					C	
SANDY-VALLEY JC PRESENCE-ET	USA 72471675					C	
SANDY-VALLEY JC PRINCESS-ET	USA 72471640					C	
SANDY-VALLEY JC SPRING-ET	USA 72471811						
SANDY-VALLEY JC STACEY-ET	USA 72471760						
SANDY-VALLEY JC SURPRISE-ET	USA 72471825						
SANDY-VALLEY JC VENICE-ET	USA 72471824						
SANDY-VALLEY JC YAELIS-ET	USA 72471812						
SANDY-VALLEY JC YANKEE-ET	USA 72471817						
SANDY-VALLEY JC YASMIN-ET	USA 72471813						
SANDY-VALLEY JC YINGYANG-ET	USA 72471815						
SANDY-VALLEY JC YODEL-ET	USA 72471816						
SANDY-VALLEY JC YOYO-ET	USA 72471814						
SANDY-VALLEY JC YUKI-ET	USA 72471820						
SANDY-VALLEY JC YUKON-ETS	USA 72471819						
SANDY-VALLEY JD SYMPHONY-ET	USA 64833264						
SANDY-VALLEY JDI GENESIS-ET	840003125601531		C				
SANDY-VALLEY JDI MAJESTY-ET	840003125601544						
SANDY-VALLEY JEDI GYPSY-ET	840003125601532		C				
SANDY-VALLEY JEDI PIPPA-ET	840003125601558						1
SANDY-VALLEY JEDI STAR-ET	840003125601537						
SANDY-VALLEY JEEVES MJ-ET	USA 66454749						
SANDY-VALLEY JEEVES NOEL-ET	USA 66454886						
SANDY-VALLEY JEEVES TALA-ET	USA 69250620						
SANDY-VALLEY JEEVES TASH-ET	USA 66454768						
SANDY-VALLEY JEEVS BLESS-ET	USA 66173475						
SANDY-VALLEY JEEVS MILLY-ET	USA 66454730						
SANDY-VALLEY JEEVS SUNNY-ET	USA 66454876						
SANDY-VALLEY JELLYCAKE-ET	USA 72471596						
SANDY-VALLEY JET THELMAJEAN	USA 63114888						
SANDY-VALLEY JETS BONNIE-ET	USA 63114887						1
SANDY-VALLEY JETS CHERRY-ET	USA 64833437						
SANDY-VALLEY JETS TAJESA-ET	USA 63114864						
SANDY-VALLEY JETSET MJ	USA 72471565						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY JETSTR GAIA-ET	USA 64833466						
SANDY-VALLEY JETSTR TALI-ET	USA 64833389						
SANDY-VALLEY JETSTR TAVI-ET	USA 64833390						
SANDY-VALLEY JEVS BREEVA-ET	USA 69250647						
SANDY-VALLEY JEVS DIVINE-ET	USA 69250628						
SANDY-VALLEY JEVS NELLIE-ET	USA 66454909						
SANDY-VALLEY JKM BRYLYNN-ET	USA 72471441						
SANDY-VALLEY JKM HOTCAKE-ET	USA 72471482						
SANDY-VALLEY JKM PANCAKE-ET	USA 72471485						
SANDY-VALLEY JKM PAPRIKA-ET	USA 72471613					C	
SANDY-VALLEY JKM PEACOCK-ET	USA 72471598			C			
SANDY-VALLEY JKMN CATNIS-ET	USA 72471503			C			
SANDY-VALLEY JKMN PARKER-ET	USA 72471614					C	
SANDY-VALLEY JOSETA-ET	840003125601529						
SANDY-VALLEY JOSIE-ET	840003125601527						
SANDY-VALLEY JOSILLY-ET	840003125601505						
SANDY-VALLEY JRDN PEACH-ET	USA 64833296				C		
SANDY-VALLEY JS ALOHA	USA 64833190					C	
SANDY-VALLEY JT GRETCHEN-ET	USA 64833462						
SANDY-VALLEY JTSTR TRACY-ET	USA 64833237						
SANDY-VALLEY JV WILDFIRE-ET	USA 69250577						
SANDY-VALLEY JVS BREESHA-ET	USA 69250648					C	
SANDY-VALLEY JVS FLICKER-ET	USA 69250583						
SANDY-VALLEY JVS PASSION-ET	USA 69250595						
SANDY-VALLEY K PREAKNESS-ET	USA 72471850						
SANDY-VALLEY K PRICELESS-ET	USA 72471848					C	
SANDY-VALLEY KB AMARETTO-ET	USA 72471857						
SANDY-VALLEY KB LEGEND-ET	840003125601238						
SANDY-VALLEY KB LIBERTY-ET	840003125601236						
SANDY-VALLEY KB LOVE ME-ET	840003125601253						
SANDY-VALLEY KB LYRIC-ET	840003125601254						
SANDY-VALLEY KB POETRY-ET	840003125601152						
SANDY-VALLEY KB POLARA-ET	840003125601165						
SANDY-VALLEY KB SKYLIGHT-ET	840003125601115						
SANDY-VALLEY KBOY YAHOO-ET	840003125601118						
SANDY-VALLEY KBOY YANKEE-ET	840003125601114						
SANDY-VALLEY KBOY YISKA-ET	840003125601121						
SANDY-VALLEY KBY SKYFALL-ET	USA 72471855						
SANDY-VALLEY KBY SKYHIGH-ET	USA 72471853						
SANDY-VALLEY KNGBOY YOKI-ET	USA 72471851						
SANDY-VALLEY KNGBY PINKY-ET	840003014561995					C	
SANDY-VALLEY KOOL BREVAN-ET	USA 70811579						
SANDY-VALLEY KOOL BREVI-ET	USA 70811576						
SANDY-VALLEY KOOL VANESA-ET	USA 70811614						
SANDY-VALLEY KOOL VANITY-ET	USA 70811613					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY KOOL VANNA-ET	USA 70811609					C	
SANDY-VALLEY KPIN BLAKE-ET	840003125601087						
SANDY-VALLEY KPIN BOBBI-ET	840003125601083						
SANDY-VALLEY KR PARAKEET-ET	USA 72471621						
SANDY-VALLEY KRAMR LEYKA-ET	USA 70811531						
SANDY-VALLEY KRN PICKLE-ET	USA 72471620						
SANDY-VALLEY KRN TOPANGA-ET	USA 70811950						
SANDY-VALLEY KRNC TOPEKA-ET	USA 70811948						
SANDY-VALLEY KRNCH TOPKI-ET	USA 72471401						
SANDY-VALLEY KRNCH TOPSY-ET	USA 70811952						
SANDY-VALLEY KRUNCH TOPA-ET	USA 72471402						
SANDY-VALLEY LADD CAPRI-ET	USA 70811699						
SANDY-VALLEY LARG THRILL-ET	USA 70811662						
SANDY-VALLEY LARGE THYME-ET	USA 70811660						
SANDY-VALLEY LARS CLASSY-ET	USA 70811504		C				
SANDY-VALLEY LASER CLEAR-ET	USA 72471670						
SANDY-VALLEY LASER CLERA-ET	USA 72471702						
SANDY-VALLEY LASR CELASE-ET	USA 72471695						
SANDY-VALLEY LAT BRYTALI-ET	USA 72471499						
SANDY-VALLEY LATIMR CHAI-ET	USA 72471435					C	1
SANDY-VALLEY LATIMR MALT-ET	USA 72471444						
SANDY-VALLEY LATMR LYRIS-ET	USA 72471425						1
SANDY-VALLEY LATMR MULAN-ET	USA 72471445						1
SANDY-VALLEY LAUDAN TAT-ET	USA 62188826						
SANDY-VALLEY LAW CHRISSY-ET	USA 66454746						
SANDY-VALLEY LAWBOY LOVE-ET	USA 64833382						1
SANDY-VALLEY LAWN LASSIE-ET	USA 64833398						
SANDY-VALLEY LAWNB LEONA-ET	USA 64833419						
SANDY-VALLEY LAWNBOY LEA-ET	USA 64833405						
SANDY-VALLEY LAY ABELINE-ET	USA 70811833						
SANDY-VALLEY LAY ABERLYN-ET	USA 70811835						
SANDY-VALLEY LAYN ALBANY-ET	USA 70811837						
SANDY-VALLEY LAYNE ADLEY-ET	USA 70811836						
SANDY-VALLEY LAYNE ALANI-ET	USA 70811832						
SANDY-VALLEY LAYNE CALYN-ET	USA 70811887						
SANDY-VALLEY LB SHILOH-P-ET	USA 64833361						
SANDY-VALLEY LEPRECHAUN-ET	USA 70811593						
SANDY-VALLEY LET IT CHILL	USA 72471475					C	
SANDY-VALLEY LEVI TELI-ET	USA 70811848			C			
SANDY-VALLEY LEVI TEVI-ET	USA 70811847			C			1
SANDY-VALLEY LEWIS TWEET-ET	USA 70811514						
SANDY-VALLEY LIGHTNING-ET	840003125601478						
SANDY-VALLEY LIMELIGHT-ET	840003125601250						
SANDY-VALLEY LITHIUM ALI	USA 70811796						
SANDY-VALLEY LITHIUM BLYTHE	USA 70811775						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY LITHIUM SHANTI	USA 70811731						
SANDY-VALLEY LITHM ALAMY-ET	USA 70811890						
SANDY-VALLEY LITHM ALYSA-ET	USA 70811889						
SANDY-VALLEY LITHUM LILLIAN	USA 70811733						
SANDY-VALLEY LONESTAR-ET	840003125601498						
SANDY-VALLEY LORETTA LYNN	840003125601349						
SANDY-VALLEY LOSTNFOUND-ET	USA 72471469						
SANDY-VALLEY LOTTACAKE-ET	USA 72471756						
SANDY-VALLEY LOTTERY TICKET	840003125601385						
SANDY-VALLEY LOU FIRELEI-ET	USA 63114848						
SANDY-VALLEY LOU TALOA-ET	USA 63114849						
SANDY-VALLEY LTH ALISTAR-ET	USA 70811891						
SANDY-VALLEY LTH ALYSSUM-ET	USA 70811897						
SANDY-VALLEY LTHM ALITHA-ET	USA 70811752						
SANDY-VALLEY LTHM ATHINA-ET	USA 70811757						
SANDY-VALLEY LTHM AZALEA-ET	USA 70811898						
SANDY-VALLEY LTHM BLAIRE-ET	USA 72471392						
SANDY-VALLEY LTHM LYTHIA-ET	USA 72471465						
SANDY-VALLEY LTMR MALINE-ET	USA 72471443						
SANDY-VALLEY LTMR MILATA-ET	USA 72471447						1
SANDY-VALLEY LTMR TAMARI-ET	USA 70811904						
SANDY-VALLEY LUMINOUS-ET	840003125601492	C				C	
SANDY-VALLEY LUSCIOUS-ET	840003125601511						
SANDY-VALLEY LUSTRE-ET	840003125601519						
SANDY-VALLEY LUXURY-ET	840003125601489					C	
SANDY-VALLEY LWS TWINKIE-ET	USA 70811518						
SANDY-VALLEY LWS TWITTER-ET	USA 70811516						
SANDY-VALLEY LYN CALAYNA-ET	USA 70811899						
SANDY-VALLEY M CELEBRITY-ET	840003125601234						
SANDY-VALLEY M MOVIESTAR-ET	840003125601415						
SANDY-VALLEY M VALENTINE-ET	USA 64833294						
SANDY-VALLEY MAC 3789-ET	USA 64833477					C	
SANDY-VALLEY MAC BECCA-ET	USA 64833315		C				
SANDY-VALLEY MAC BELLA-ET	USA 64833338						
SANDY-VALLEY MAC BEULAH-ET	USA 64833336						
SANDY-VALLEY MAC BLACKY-ET	USA 64833337						1
SANDY-VALLEY MAC BLOSSOM-ET	USA 66454743						
SANDY-VALLEY MAC DESI	USA 64833350						1
SANDY-VALLEY MAC DINAH-ET	USA 64833407						
SANDY-VALLEY MAC DIVA-ET	USA 64833408						
SANDY-VALLEY MAC DIXIE-ET	USA 64833410						
SANDY-VALLEY MAC DONNA-ET	USA 64833333						1
SANDY-VALLEY MAC DUSTY-ET	USA 64833332						1
SANDY-VALLEY MAC GEM-ET	USA 64833465	C					
SANDY-VALLEY MAC GYPSY-ET	USA 64833463						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY MAC LYDIA	USA 64833303						
SANDY-VALLEY MAC OCEAN-ET	USA 64833275						
SANDY-VALLEY MAC ODYSSY-ET	USA 64833279						
SANDY-VALLEY MAC OLLIE-ET	USA 64833278						
SANDY-VALLEY MAC SHANNON-ET	USA 64833206						
SANDY-VALLEY MAC SHELBY-ET	USA 64833223						
SANDY-VALLEY MACK PERK-ET	USA 72471731					C	
SANDY-VALLEY MADE RIGHT-ET	USA 72471618						
SANDY-VALLEY MAGCDAY MAC-ET	USA 72471794					C	
SANDY-VALLEY MAGIC DANCE-ET	USA 72471771					C	
SANDY-VALLEY MAGIC DUST-ET	USA 72471437					C	
SANDY-VALLEY MAGIC SHOW-ET	USA 72471456			C		C	
SANDY-VALLEY MAGIC TRICK-ET	USA 72471452			C		C	
SANDY-VALLEY MAGICD ARGO-ET	USA 72471788						
SANDY-VALLEY MAGICDANCE-ET	840003125601435	C					
SANDY-VALLEY MAGICDAZE	840003125601460						
SANDY-VALLEY MAGICDREAM-ET	USA 72471554						
SANDY-VALLEY MAKE A WISH-ET	840003125601341						
SANDY-VALLEY MAKE IT BIG-ET	USA 72471619						
SANDY-VALLEY MAKE MY DAY-ET	USA 72471414						
SANDY-VALLEY MAKEIT RAIN-ET	USA 72471729						
SANDY-VALLEY MAKEOVER-ET	840003125601243						
SANDY-VALLEY MANAGR TAFI-ET	USA 62188991						
SANDY-VALLEY MANAGR TIFI-ET	USA 62188992						
SANDY-VALLEY MANHATTAN-ET	840003125601546					C	
SANDY-VALLEY MANO BRYDAN-ET	USA 69250581						
SANDY-VALLEY MANO DELANI-ET	USA 69250609						
SANDY-VALLEY MANO LYNDEE-ET	USA 69250566						
SANDY-VALLEY MANO LYRIC-ET	USA 69250562						
SANDY-VALLEY MANO LYSSA-ET	USA 69250565						
SANDY-VALLEY MANO MALINA-ET	USA 69250636						
SANDY-VALLEY MANO MARLEY-ET	USA 69250632						
SANDY-VALLEY MANO SHANON-ET	USA 69250573						
SANDY-VALLEY MANOM BAMBI-ET	USA 69998517						
SANDY-VALLEY MANOM CAMEO-ET	USA 69998507						
SANDY-VALLEY MANOM TERRI-ET	USA 69998525						
SANDY-VALLEY MANOMAN DREAM	USA 69701654						
SANDY-VALLEY MANOMN TAMA-ET	USA 69998526						
SANDY-VALLEY MARBLECAKE-ET	USA 72471787						
SANDY-VALLEY MARS AMY	USA 69998556						
SANDY-VALLEY MASCL BLAKE-ET	USA 72471386						
SANDY-VALLEY MASCLS TAMA-ET	USA 72471382						
SANDY-VALLEY MASCLS TAME-ET	USA 72471412						
SANDY-VALLEY MAX CUTNESS-ET	840003125601084					C	
SANDY-VALLEY MAY ABRIANA-ET	USA 70811825			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
SANDY-VALLEY MAYF AMALIE-ET	USA 70811863						
SANDY-VALLEY MAYF AMANTI-ET	USA 70811844			C			
SANDY-VALLEY MAYF AMYLEE-ET	USA 70811843			C			
SANDY-VALLEY MAYFD AERYN-ET	USA 70811827						
SANDY-VALLEY MAYFD AMAYA-ET	USA 70811830			C			
SANDY-VALLEY MAYFIELD SELMA	USA 70811762						
SANDY-VALLEY MAYFLD ACEY-ET	USA 70811826						
SANDY-VALLEY MC SNOWBIRD-ET	USA 66454621						
SANDY-VALLEY MC TRISCUIT-ET	USA 70811799						
SANDY-VALLEY MCC ADELE-ET	USA 70811774						
SANDY-VALLEY MCC AMERICA-ET	USA 70811908						
SANDY-VALLEY MCC BABY-ET	USA 72471457						
SANDY-VALLEY MCC BECCA	USA 70811955					C	
SANDY-VALLEY MCC BENICHA-ET	USA 70811845						
SANDY-VALLEY MCC BETH-ET	USA 70811939						
SANDY-VALLEY MCC BEYLAN-ET	USA 70811912						
SANDY-VALLEY MCC BEYONCA-ET	USA 70811853						
SANDY-VALLEY MCC BRYCE-ET	USA 72471436						
SANDY-VALLEY MCC CAITLYN-ET	USA 70811767						
SANDY-VALLEY MCC CAMBRIA-ET	USA 70811763						3
SANDY-VALLEY MCC CAMLYN-ET	USA 70811769						
SANDY-VALLEY MCC CHANEL-ET	USA 70811768						
SANDY-VALLEY MCC ECHO-ET	USA 70811918						
SANDY-VALLEY MCC ECLAIRE-ET	USA 70811929						
SANDY-VALLEY MCC ELAINE-ET	USA 70811933						
SANDY-VALLEY MCC GEM-ET	USA 72471404					C	
SANDY-VALLEY MCC MAIKA-ET	USA 72471416						
SANDY-VALLEY MCC MAKAYA-ET	USA 72471415						
SANDY-VALLEY MCC MIKITA-ET	USA 72471417						
SANDY-VALLEY MCC SECRET-ET	USA 70811834						
SANDY-VALLEY MCC SHOW ME-ET	USA 70811923						
SANDY-VALLEY MCC TIC TAC-ET	USA 70811794						
SANDY-VALLEY MCC TRINKET-ET	USA 70811800						
SANDY-VALLEY MCC TWANG-ET	USA 70811921						
SANDY-VALLEY MCC TWEET-ET	USA 70811896						
SANDY-VALLEY MCC TWIRL-ET	USA 70811922						
SANDY-VALLEY MCC TWISTER-ET	USA 70811920						
SANDY-VALLEY MCC TWITTER-ET	USA 70811895						
SANDY-VALLEY MCC TWYLA-ET	USA 70811919						
SANDY-VALLEY MCCTN BETSY-ET	USA 70811758						
SANDY-VALLEY MD ANDREYA-ET	USA 72471782						
SANDY-VALLEY MD BLUEMOON-ET	USA 72471770						
SANDY-VALLEY MDAY BONNIE-ET	USA 72471856					C	
SANDY-VALLEY MEMPHIS-ET	840003125601545					C	
SANDY-VALLEY MER GLAMOUR-ET	USA 70811771						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY MERID GRACE-ET	USA 70811772						
SANDY-VALLEY MERIDA GABI-ET	USA 70811789						
SANDY-VALLEY MET COMERRA-ET	USA 69998542						
SANDY-VALLEY METOR COMET-ET	USA 69998545						
SANDY-VALLEY METOR CREAM-ET	USA 69998551						
SANDY-VALLEY METOR TAMMY-ET	USA 69998553						
SANDY-VALLEY METR DAMSEL-ET	USA 69998512						
SANDY-VALLEY METR DAYLIN-ET	USA 69998528						
SANDY-VALLEY MF AMARILLO-ET	USA 70811828						
SANDY-VALLEY MG AMARETTO-ET	USA 70811821						
SANDY-VALLEY MG CALAMITY-ET	USA 70811858						
SANDY-VALLEY MG HONEYBEE-ET	USA 70811678						
SANDY-VALLEY MG MAGNOLIA-ET	USA 70811582						
SANDY-VALLEY MG TRESEMME-ET	USA 70811580						
SANDY-VALLEY MGCDAY BIBI-ET	USA 72471741					C	
SANDY-VALLEY MGCDY ADLYN-ET	USA 72471830					C	
SANDY-VALLEY MGCDY ARLYN-ET	USA 72471831					C	
SANDY-VALLEY MGCDY AVLYN-ET	USA 72471832					C	
SANDY-VALLEY MGDAY VENDETTA	USA 72471769					C	
SANDY-VALLEY MGL BISCUIT-ET	USA 70811824						
SANDY-VALLEY MGL CALISSA-ET	USA 70811874						
SANDY-VALLEY MGL FLORRIE-ET	USA 70811658						
SANDY-VALLEY MGNS BAMBAM-ET	USA 70811590					C	
SANDY-VALLEY MGNS MAGGIE-ET	USA 70811584						
SANDY-VALLEY MGNUS TEYSA-ET	USA 70811583						
SANDY-VALLEY MGNUS TRESI-ET	USA 70811581						
SANDY-VALLEY MI FELICITY-ET	USA 66454863					C	
SANDY-VALLEY MI PAISLEY-ET	USA 66454865						
SANDY-VALLEY MICH BIANKA-ET	USA 69701588					C	
SANDY-VALLEY MICHA BLOOM-ET	USA 69250654					C	
SANDY-VALLEY MICHA CAMRY-ET	USA 64833484					C	
SANDY-VALLEY MICHA FLAME-ET	USA 66454868						
SANDY-VALLEY MICHAL BETH-ET	USA 69250655						
SANDY-VALLEY MICHL BLISS-ET	USA 69701587					C	
SANDY-VALLEY MIL BRYELLE-ET	USA 66454843					C	
SANDY-VALLEY MILI PEPPER-ET	USA 66454870		C				
SANDY-VALLEY MILIN KAYLA-ET	USA 66454849		C				
SANDY-VALLEY MILIN KYLIE-ET	USA 66454854		C				
SANDY-VALLEY MILION BRYN-ET	USA 66454848		C				
SANDY-VALLEY MILL SAMARA-ET	USA 66454904		C				
SANDY-VALLEY MILL SUMMER-ET	USA 66454877		C				
SANDY-VALLEY MILLI PERKY-ET	USA 66454803		C				
SANDY-VALLEY MILLI PRIMA-ET	USA 66454800						
SANDY-VALLEY MILLION KIP-ET	USA 66454856		C				
SANDY-VALLEY MILLN POLLY-ET	USA 66454866		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY MINI MOUSE-ET	USA 70811809						
SANDY-VALLEY MISCHIEF P-ET	840003125601174						
SANDY-VALLEY MISS PRISS-ET	840003125601191						
SANDY-VALLEY MIXER ROSA-ET	USA 70811884						
SANDY-VALLEY MIXER ROXIE-ET	USA 70811886						
SANDY-VALLEY MIXER RUMOR-ET	USA 70811907						
SANDY-VALLEY MM BROOKLYN-ET	USA 69250571						
SANDY-VALLEY MNT SALINDA-ET	USA 72471826						
SANDY-VALLEY MNTRS PSALM-ET	USA 72471795						
SANDY-VALLEY MNTRS SASSY-ET	USA 72471780						
SANDY-VALLEY MNTRY ANGEL-ET	840003125601100						
SANDY-VALLEY MNTRY AZANI-ET	840003125601108						
SANDY-VALLEY MNTRY AZARI-ET	840003125601109						
SANDY-VALLEY MNTRY AZAVI-ET	840003125601110						
SANDY-VALLEY MNTRY AZURI-ET	840003125601112						
SANDY-VALLEY MNTRY FOXY-ET	840003125601306						
SANDY-VALLEY MNTRY PHRYA-ET	840003125601136						
SANDY-VALLEY MNTRY PHYLO-ET	840003125601144						
SANDY-VALLEY MNTRY PHYRI-ET	840003125601135						
SANDY-VALLEY MNTRY YISKA-ET	840003125601130						
SANDY-VALLEY MNTS PAMELA-ET	USA 72471806						
SANDY-VALLEY MNTS SNEAKY-ET	USA 72471796						
SANDY-VALLEY MNTS SOPHIE-ET	USA 72471792						
SANDY-VALLEY MNTY CHARM-ET	840003125601233						
SANDY-VALLEY MNTY PHYONA-ET	840003125601137						
SANDY-VALLEY MNTY PHYORA-ET	840003125601138						
SANDY-VALLEY MNTY PIZAZZ-ET	840003125601153						
SANDY-VALLEY MNTY POLISH-ET	840003125601164					C	
SANDY-VALLEY MNTY SMARTY-ET	840003125601145						
SANDY-VALLEY MNTY TRYNNA-ET	840003125601207						
SANDY-VALLEY MOGL BASKET-ET	USA 70811842						
SANDY-VALLEY MOGL RAMONA-ET	USA 70811792						
SANDY-VALLEY MOGL SUMMER-ET	USA 70811675						
SANDY-VALLEY MOGL SUNSET-ET	USA 70811672						
SANDY-VALLEY MOGUL AMARA-ET	USA 70811820						
SANDY-VALLEY MOGUL AMBER-ET	USA 70811822						
SANDY-VALLEY MOGUL AMERY-ET	USA 70811823						
SANDY-VALLEY MOGUL AMY-ET	USA 70811838						
SANDY-VALLEY MOGUL BRAYA	USA 70811681					C	
SANDY-VALLEY MOGUL CELIA-ET	USA 70811902						
SANDY-VALLEY MOGUL EMMY-ET	USA 70811879						
SANDY-VALLEY MOGUL FLORA-ET	USA 70811651						
SANDY-VALLEY MOGUL GLAM-ET	USA 70811857						
SANDY-VALLEY MOGUL TRENI-ET	USA 70811635						1
SANDY-VALLEY MONTERY SHY-ET	840003125601150						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY MONTROSS LOCO	840003125601404						
SANDY-VALLEY MONTRY YOLA-ET	840003125601133						
SANDY-VALLEY MOOLATTE-ET	USA 72471446						1
SANDY-VALLEY MOONSHINE-ET	USA 70811765						
SANDY-VALLEY MORE PIE-ET	USA 72471421						
SANDY-VALLEY MORE PRETTY-ET	USA 72471420						3
SANDY-VALLEY MOREPERFECT-ET	USA 72471419						3
SANDY-VALLEY MORGAN CALVARY	USA 70811942					C	
SANDY-VALLEY MORGAN ERA-ET	USA 70811901						
SANDY-VALLEY MOVIESTAR-ET	840003125601092						
SANDY-VALLEY MS PRESTIGE-ET	840003125601216						
SANDY-VALLEY MSC AMAZING-ET	USA 70811905						
SANDY-VALLEY MSCL AMAZON-ET	USA 70811909						
SANDY-VALLEY MSY MELISSA-ET	USA 72471438						
SANDY-VALLEY MT SERENITY-ET	USA 72471822						
SANDY-VALLEY MT SUNSHINE-ET	USA 72471823						
SANDY-VALLEY MTRS POMONA-ET	USA 72471800					C	
SANDY-VALLEY MTRY ADELYN-ET	840003125601146						
SANDY-VALLEY MTS DESTINY-ET	USA 72471839						
SANDY-VALLEY MTS SARAGON-ET	USA 72471827						
SANDY-VALLEY MTY AWESOME-ET	840003125601098						
SANDY-VALLEY MTY FOREVER-ET	840003125601304						
SANDY-VALLEY MTY PHEYTON-ET	840003125601134						
SANDY-VALLEY MTY TREVLYN-ET	840003125601213						
SANDY-VALLEY MTY TRYNDAL-ET	840003125601202						
SANDY-VALLEY MY ALACAZAM-ET	840003125601111						
SANDY-VALLEY MY FANTASIA-ET	840003125601303						
SANDY-VALLEY NAUGHTY-ET	840003125601509						
SANDY-VALLEY NEVERLAND-ET	840003125601441						
SANDY-VALLEY NIAGR AGNES-ET	USA 69701653						
SANDY-VALLEY NICE-ET	840003125601510						
SANDY-VALLEY NICKLEBACK-ET	840003125601512						
SANDY-VALLEY NIFTY SANDY-ET	USA 64833487					C	
SANDY-VALLEY NIFTY SILLY-ET	USA 66454664						
SANDY-VALLEY NIKE-ET	840003125601523						
SANDY-VALLEY NO PROBLEM-ET	USA 72471725						
SANDY-VALLEY NO SNOWDAY-ET	USA 72471663						
SANDY-VALLEY NOELLE-ET	840003125601477	C					
SANDY-VALLEY NOLAN-ET	840003125601491						
SANDY-VALLEY NOM AINSLEY-ET	USA 72471837						
SANDY-VALLEY NOM AMORE-ET	USA 72471784						
SANDY-VALLEY NOM ANEMONE-ET	USA 72471833						
SANDY-VALLEY NOM BREVITA-ET	USA 72471776						
SANDY-VALLEY NOM CANNOLI-ET	USA 72471778						
SANDY-VALLEY NOM ROMANCE-ET	USA 72471775						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY NOMINE ANNA-ET	USA 72471798						
SANDY-VALLEY NOMNEE ROMA-ET	USA 72471772						
SANDY-VALLEY NOSTALGIA-ET	840003125601469						
SANDY-VALLEY NOTORIOUS-ET	840003125601442						
SANDY-VALLEY NOVEMBER-ET	840003125601475						
SANDY-VALLEY NU MCKENZIE-ET	USA 70811862						
SANDY-VALLEY NU MCKINLEY-ET	USA 70811861						
SANDY-VALLEY NU PENELOPE-ET	USA 70811740					C	
SANDY-VALLEY NU PRECIOUS-ET	USA 70811744					C	
SANDY-VALLEY NYX-ET	840003125601536						
SANDY-VALLEY O PACIFICIA-ET	USA 72471643						
SANDY-VALLEY O-MAN TOMAH-ET	USA 135549856						
SANDY-VALLEY OAK CEDAR	USA 72471454						
SANDY-VALLEY OAK DAIKO-ET	USA 72471505						1
SANDY-VALLEY OAK DANCER-ET	USA 72471605						
SANDY-VALLEY OAK MAPLE-ET	USA 72471550						
SANDY-VALLEY OAK MELANKA-ET	USA 72471488						
SANDY-VALLEY OAK MELLOW-ET	USA 72471487						
SANDY-VALLEY OAK MIMOSA-ET	USA 72471551						
SANDY-VALLEY OAK MOCHA-ET	USA 72471451						
SANDY-VALLEY OAK PANDORA-ET	USA 72471642						
SANDY-VALLEY OAK PETRONA-ET	USA 72471644					C	
SANDY-VALLEY OAK RAVE-ET	USA 72471645						
SANDY-VALLEY OB BRANTLEY-ET	USA 70811586						
SANDY-VALLEY OBS BELLEZA-ET	USA 69998506						
SANDY-VALLEY OBS BETHANY-ET	USA 69998538						
SANDY-VALLEY OBS BEYONCE-ET	USA 69998567						
SANDY-VALLEY OBSERV CHARITY	USA 70811508						
SANDY-VALLEY OBSV BAYDEN-ET	USA 70811591						
SANDY-VALLEY OBSV BEAUTY-ET	USA 69998537						
SANDY-VALLEY OBSV BROGAN-ET	USA 70811589						
SANDY-VALLEY OBSV POETRY-ET	USA 69998494						
SANDY-VALLEY OBSV TRISTA-ET	USA 69998459						
SANDY-VALLEY OBSVR BRODY-ET	USA 70811587						
SANDY-VALLEY OBSVR POSEY-ET	USA 69998488						
SANDY-VALLEY OCBFS HAPPY-ET	840003125601332						
SANDY-VALLEY OCTBF HAZEL-ET	840003125601365						
SANDY-VALLEY OCTV TICTAC-ET	840003125601266						
SANDY-VALLEY OCTV TRACI-ET	840003125601267						
SANDY-VALLEY OCTVN CATHYRN	840003125601268						
SANDY-VALLEY OCTVN TAVI-ET	840003125601263						
SANDY-VALLEY OCTVN TIKKI-ET	840003125601277						
SANDY-VALLEY OCTVN TOKI-ET	840003125601265						
SANDY-VALLEY OF HEATWAVE-ET	840003125601324						
SANDY-VALLEY OK DARKNESS-ET	USA 72471668						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY OK RECKLESS-ET	USA 72471646						
SANDY-VALLEY OSMOND LOIS-ET	USA 70811466						
SANDY-VALLEY OST COSETTE-ET	USA 70811632			C			
SANDY-VALLEY OSTYL SERENITY	USA 70811537						
SANDY-VALLEY OSTYLE COLETTE	USA 70811599			C			
SANDY-VALLEY OSTYLE CORI-ET	USA 70811633			C		C	
SANDY-VALLEY OTTO LUCY-ET	USA 69250585						
SANDY-VALLEY P CHRISTINA-ET	USA 66454871					C	
SANDY-VALLEY PADDINGTON-ET	USA 72471749						
SANDY-VALLEY PALMTREE-ET	840003125601170						
SANDY-VALLEY PANACEA-ET	840003125601424					C	
SANDY-VALLEY PARADIGM-ET	840003125601425						
SANDY-VALLEY PARAGON-ET	840003125601413						
SANDY-VALLEY PARTY TIME-ET	USA 72471687						
SANDY-VALLEY PASO DOBLE-ET	USA 72471682		C				
SANDY-VALLEY PASTUREBABY-ET	USA 72471876					C	
SANDY-VALLEY PAVO-ET	840003125601559						
SANDY-VALLEY PB ANALEIGH-ET	840003125601186						
SANDY-VALLEY PCT PERFECT-ET	USA 72471859						
SANDY-VALLEY PECAN PIE-ET	840003125601473						
SANDY-VALLEY PERCEPTION-ET	USA 72471680						1
SANDY-VALLEY PERFCTSTORM-ET	840003125601166					C	
SANDY-VALLEY PERFECT DREAM	USA 72471405						
SANDY-VALLEY PERFECTA-TW-ET	USA 72471829						
SANDY-VALLEY PERFECTION-ET	USA 70811741						
SANDY-VALLEY PHENOMENAL-ET	840003125601409						
SANDY-VALLEY PICTUREPERFECT	840003125601081						
SANDY-VALLEY PINEAPPLE-ET	840003125601157					C	
SANDY-VALLEY PINKPANTHER-ET	840003125601363						
SANDY-VALLEY PIPSQUEAK-ET	USA 72471877						
SANDY-VALLEY PIROUETTE-ET	USA 72471690					C	
SANDY-VALLEY PL COURTNEY-ET	USA 66454898					C	
SANDY-VALLEY PL LOLLIPOP-ET	USA 72471578					C	
SANDY-VALLEY PL SPLENDOR-ET	USA 66454683						
SANDY-VALLEY PLA BRIANNA-ET	USA 66454796						
SANDY-VALLEY PLA BRIDGET-ET	USA 66454792						
SANDY-VALLEY PLA CHRISTY-ET	USA 66454891						
SANDY-VALLEY PLA CRICKET-ET	USA 69250561						
SANDY-VALLEY PLA CRIMSON-ET	USA 66454899					C	
SANDY-VALLEY PLA SKYLARK-ET	USA 66454651	C				C	
SANDY-VALLEY PLA STARLET-ET	USA 66454625						1
SANDY-VALLEY PLA WYNETTE-ET	USA 66454716						
SANDY-VALLEY PLAN BILLIE-ET	USA 66454791						
SANDY-VALLEY PLAN BRITTA-ET	USA 66454794						
SANDY-VALLEY PLAN BROOKE-ET	USA 66454789						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY PLAN CRISIS-ET	USA 69250564					C	
SANDY-VALLEY PLAN DAPHNE-ET	USA 66454853					C	
SANDY-VALLEY PLAN SPARKY-ET	USA 66454663						
SANDY-VALLEY PLAN WIMPER-ET	USA 66454751						
SANDY-VALLEY PLANE ANIKA-ET	USA 66454671						
SANDY-VALLEY PLANE BELLE-ET	USA 66454820						
SANDY-VALLEY PLANE BETSY-ET	USA 66454795						
SANDY-VALLEY PLANE CARLY-ET	USA 66454874						
SANDY-VALLEY PLANE SAPPHIRE	USA 66454736						
SANDY-VALLEY PLANE TRINITY	USA 69250575						
SANDY-VALLEY PLANET LENA-ET	USA 66454784						
SANDY-VALLEY PLANET LEXA-ET	USA 66454778						
SANDY-VALLEY PLANET MELODY	USA 66454860						
SANDY-VALLEY PLANET SALLY	USA 66454668						
SANDY-VALLEY PLANET SERENA	USA 66454892						
SANDY-VALLEY PLANET TOFFEE	USA 66454693						
SANDY-VALLEY PLANET TRESS	USA 66454692						
SANDY-VALLEY PLANT POPPY-ET	USA 66454682						
SANDY-VALLEY PLANT VENUS-ET	USA 66454685						
SANDY-VALLEY PLAY TO WIN-ET	840003125601361					C	
SANDY-VALLEY PLAYN WFIRE-ET	USA 72471752					C	
SANDY-VALLEY PLNT BEGOOD-ET	USA 68972272						
SANDY-VALLEY PLS JUNIPER-ET	840003125601105						
SANDY-VALLEY PLS SOLEDAD-ET	840003125601125						
SANDY-VALLEY PLSR PEANUT-ET	840003125601128						
SANDY-VALLEY PLSR SOLANA-ET	840003125601131						
SANDY-VALLEY PLSR SOLERA-ET	840003125601124						
SANDY-VALLEY PLTM LEYATI-ET	USA 72471580			C			
SANDY-VALLEY PLTM LUPINE-ET	USA 72471568						
SANDY-VALLEY PLTM LUXURY-ET	USA 72471579					C	
SANDY-VALLEY PLTNM LEYNA-ET	USA 72471572			C		C	
SANDY-VALLEY PLTNM LOOPY-ET	USA 72471570						
SANDY-VALLEY PM PRESTIGE-ET	840003125601217						
SANDY-VALLEY PNC LIPSYNC-ET	USA 72471410						
SANDY-VALLEY POLKADOT-ET	840003125601172					C	
SANDY-VALLEY POMEGRANATE-ET	USA 72471805						
SANDY-VALLEY PONT STARLIGHT	USA 63114847						1
SANDY-VALLEY PORTROYAL-ET	840003125601167					C	
SANDY-VALLEY POSDN NICKI-ET	USA 70811717						
SANDY-VALLEY POSDN VERNA-ET	USA 70811706						
SANDY-VALLEY POSIDN NEYA-ET	USA 70811716						
SANDY-VALLEY POSIDN NONI-ET	USA 70811714						
SANDY-VALLEY POSIDN NONO-ET	USA 70811719						
SANDY-VALLEY POSIDN NOVA-ET	USA 70811711						
SANDY-VALLEY POUNDCAKE-ET	USA 72471844						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY PR MARIPOSA-ET	USA 72471442						
SANDY-VALLEY PRAIRIEFIRE-ET	USA 72471785					C	
SANDY-VALLEY PRDS MARVEL-ET	USA 72471432						3
SANDY-VALLEY PRDS MOPPET-ET	USA 72471595						
SANDY-VALLEY PRDS MUPPET-ET	USA 72471594						3
SANDY-VALLEY PRDSN MAESA-ET	USA 72471474						3
SANDY-VALLEY PRECOCIOUS-ET	USA 72471673						
SANDY-VALLEY PREDS MAPLE-ET	USA 72471418						
SANDY-VALLEY PRES BOPEEP-ET	840003125601226						
SANDY-VALLEY PRESD BOSIE-ET	840003125601229						
SANDY-VALLEY PRESDN BOSA-ET	840003125601239						
SANDY-VALLEY PRETTYHIGH-ET	840003125601433						
SANDY-VALLEY PRETTYNPINK-ET	USA 72471612			C		C	
SANDY-VALLEY PRF DEJA VU-ET	840003125601446						
SANDY-VALLEY PRIDE N JOY-ET	USA 72471849					C	
SANDY-VALLEY PROWESS-ET	840003125601439						
SANDY-VALLEY PS SOLSTICE-ET	840003125601123						
SANDY-VALLEY PSDN NEVAEH-ET	USA 70811713						
SANDY-VALLEY PSDN VENICE-ET	USA 70811665						
SANDY-VALLEY PSS GLORY-ET	USA 136594288						1
SANDY-VALLEY PULS JAEDIS-ET	840003125601106						
SANDY-VALLEY PULS JAELIS-ET	840003125601102						
SANDY-VALLEY PUMPKIN PIE-ET	840003125601474						
SANDY-VALLEY PUNCH BUNNY-ET	USA 70811867						
SANDY-VALLEY PUR PANCAKE-ET	840003125601127						
SANDY-VALLEY PUR TUSCANY-ET	840003125601240						
SANDY-VALLEY PURE AMERICANA	840003125601224						
SANDY-VALLEY PURE AQUA-ET	USA 72471845						
SANDY-VALLEY PURE EGO-ET	840003125601142						
SANDY-VALLEY PURE ENERGY-ET	840003125601147						
SANDY-VALLEY PURE ENVY-ET	840003125601143						
SANDY-VALLEY PURE LAZY-ET	840003125601271						
SANDY-VALLEY PURE LUCK-ET	840003125601274						
SANDY-VALLEY PURE MILK-ET	840003125601177						
SANDY-VALLEY PURE NICEGIRL	USA 72471847						
SANDY-VALLEY PWB AMORA P-ET	840003125601188						
SANDY-VALLEY PWB APRICOT-ET	840003125601184						
SANDY-VALLEY PWB APRIL-ET	840003125601252						
SANDY-VALLEY PWB ASPIRE-ET	840003125601218						
SANDY-VALLEY R BRYLLIANT-ET	USA 64833215					C	
SANDY-VALLEY RACE SOFAST-ET	USA 72471871						
SANDY-VALLEY RACER AERO	USA 72471854						
SANDY-VALLEY RACER OASIS-ET	USA 72471801						
SANDY-VALLEY RACER PACE-ET	USA 72471879						
SANDY-VALLEY RACINGSPEED-ET	USA 72471777						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY RAIN-ET	840003125601480						
SANDY-VALLEY RAM CHEERIO-ET	USA 62188996						
SANDY-VALLEY RAM TRINDAL-ET	USA 63114945						
SANDY-VALLEY RAMO TERESA-ET	USA 63114910						
SANDY-VALLEY RAMOS BRYSK-ET	USA 64833216						
SANDY-VALLEY RAMOS RAIN-ET	USA 63114947						
SANDY-VALLEY RAMOS ROSE-ET	USA 63114907						
SANDY-VALLEY RAMOS SONNET	USA 64833304					C	
SANDY-VALLEY RAMOS TISH	USA 64833427						
SANDY-VALLEY RAMOS TRILL	USA 64833302						
SANDY-VALLEY RAMOS TRULY-ET	USA 63114933						
SANDY-VALLEY RAMOS TULIP-ET	USA 63114912						
SANDY-VALLEY RAV CARAMEL-ET	USA 69998558						
SANDY-VALLEY RB RENEGADE-ET	840003125601468						
SANDY-VALLEY RBCN DALLAS-ET	840003125601311						
SANDY-VALLEY RBCN DASANI-ET	840003125601300						
SANDY-VALLEY RBCN DENALI-ET	840003125601309						
SANDY-VALLEY RBCN DOVARI-ET	840003125601330						
SANDY-VALLEY RBCN LOGAN-ET	840003125601392						
SANDY-VALLEY RBCN LOYAL-ET	840003125601408						
SANDY-VALLEY RBCN PEPPER-ET	840003125601429						
SANDY-VALLEY RBCN PEPSI-ET	840003125601391						
SANDY-VALLEY RBCN PIPER-ET	840003125601432					C	
SANDY-VALLEY RBS CHERISH-ET	USA 70811469						
SANDY-VALLEY RBS DANISHA-ET	USA 69998467				C		
SANDY-VALLEY RBS EMERALD-ET	USA 69998491						
SANDY-VALLEY RBS LORELEI-ET	USA 70811500						
SANDY-VALLEY RBS MELANIE-ET	USA 70811478						
SANDY-VALLEY RBST CHOICE-ET	USA 70811470						
SANDY-VALLEY RBST LAUREN-ET	USA 70811542						
SANDY-VALLEY RBST LELANI-ET	USA 70811499						
SANDY-VALLEY RBST MARIKA-ET	USA 70811568						
SANDY-VALLEY RBST MARINA-ET	USA 70811493						
SANDY-VALLEY RBUST BLAZE-ET	USA 69998632						
SANDY-VALLEY RBUST BRASS-ET	USA 70811534						
SANDY-VALLEY RBUST LAURA-ET	USA 70811551						
SANDY-VALLEY RCR ODYSSEY-ET	USA 72471802						
SANDY-VALLEY REBEL ROSE-ET	USA 72471648						
SANDY-VALLEY REBEL-ET	840003125601466						
SANDY-VALLEY RECKLESS-ET	840003125601463						
SANDY-VALLEY REDEMPTION-ET	USA 72471647						
SANDY-VALLEY RELENTLESS-ET	840003125601553						
SANDY-VALLEY REVEL-ET	840003125601479						
SANDY-VALLEY RIGHTASRAIN-ET	USA 72471742						
SANDY-VALLEY RMOS SHAWNA-ET	USA 63114946						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY RMS MIRACLE-ET	USA 64833290						
SANDY-VALLEY RO KIMBERLY-ET	USA 64833440						
SANDY-VALLEY ROAD RAGE-ET	USA 72471724						
SANDY-VALLEY ROBUST CAT-ET	USA 70811497						
SANDY-VALLEY ROBUST JADE-ET	USA 69998497						
SANDY-VALLEY ROBUST KIRI	USA 69998454						
SANDY-VALLEY ROBUST LILO-ET	USA 70811506						
SANDY-VALLEY ROBUST LOU-ET	USA 70811685						
SANDY-VALLEY ROBUST OPAL-ET	USA 69998492						
SANDY-VALLEY ROBUST RUBY-ET	USA 69998487						
SANDY-VALLEY ROBUST TESSIE	USA 69998516						
SANDY-VALLEY ROSS ALAYNA	USA 69998465			C			
SANDY-VALLEY ROSS BESSY-ET	USA 69998455						
SANDY-VALLEY ROU BROCADE-ET	USA 64833475						1
SANDY-VALLEY ROU BUTTONS-ET	USA 66454627				C		1
SANDY-VALLEY ROU GISELLE-ET	USA 64833402				C		
SANDY-VALLEY ROU SHIANNE-ET	USA 66454680				C		
SANDY-VALLEY ROULETTE-ET	840003125601462						
SANDY-VALLEY ROUM ALYSSA-ET	USA 66454622				C		
SANDY-VALLEY ROUM BRODIE-ET	USA 64833479						1
SANDY-VALLEY ROUM GRETTA-ET	USA 64833400	C					
SANDY-VALLEY ROUM SONOMA-ET	USA 66454662				C		
SANDY-VALLEY ROUMA KIERA-ET	USA 64833393						
SANDY-VALLEY ROUMAR BETH-ET	USA 66454628				C		1
SANDY-VALLEY ROUMAR TOMI-ET	USA 66454615				C		
SANDY-VALLEY ROUMR ALINA-ET	USA 66454650				C		
SANDY-VALLEY ROUMR ANNIE-ET	USA 66454626				C		
SANDY-VALLEY ROUMR ARROW-ET	USA 66454620						
SANDY-VALLEY ROUMR DANNY-ET	USA 66454649				C	C	
SANDY-VALLEY ROUMR DEVON-ET	USA 66454647				C		
SANDY-VALLEY ROUMR SAMMY-ET	USA 66454681						1
SANDY-VALLEY RUBICN DAWN-ET	840003125601348						
SANDY-VALLEY RUBICON GODIVA	840003125601346						
SANDY-VALLEY RUSEL PATSY-ET	USA 69250611						
SANDY-VALLEY RUSEL PAULA-ET	USA 69250614						
SANDY-VALLEY RUSEL PEPSI-ET	USA 69250613						
SANDY-VALLEY RUSEL PIXIE-ET	USA 69250610						
SANDY-VALLEY RUTHLESS-ET	840003125601555					C	
SANDY-VALLEY S BOONDOCKS-ET	USA 72471387						
SANDY-VALLEY S LIMITLESS-ET	840003125601255						
SANDY-VALLEY S MOONSHINE-ET	USA 72471490						
SANDY-VALLEY SALN CILANTRO	USA 72471395						
SANDY-VALLEY SALOON 5192	USA 72471574						
SANDY-VALLEY SALOON FAUNA	USA 72471573						
SANDY-VALLEY SAMOA TAMALE	USA 70811619			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY SAN BRYNDAL-ET	USA 66454783					C	
SANDY-VALLEY SANDY DAISY-ET	USA 66454738						
SANDY-VALLEY SANDY GWEN-ET	USA 66454775	C					
SANDY-VALLEY SB ESPRESSO-ET	840003125601336						
SANDY-VALLEY SBOX DEANNA-ET	USA 69701649		C				
SANDY-VALLEY SBOXER ELLA-ET	USA 69250659						
SANDY-VALLEY SBS FASHION-ET	USA 69998504					C	
SANDY-VALLEY SBST TAZZLE-ET	USA 69701630						
SANDY-VALLEY SCARYGOOD-ET	840003125601149						
SANDY-VALLEY SD GLORIANA-ET	USA 70811788						
SANDY-VALLEY SEBST FEYSA-ET	USA 69998489					C	
SANDY-VALLEY SELFFLESS-ET	840003125601547					C	
SANDY-VALLEY SEPT AURORA-ET	USA 63114853						
SANDY-VALLEY SEPT SHANIA-ET	USA 135799158						1
SANDY-VALLEY SEPT SWEETY-ET	USA 135799055						1
SANDY-VALLEY SET ON FIRE-ET	USA 72471696						
SANDY-VALLEY SG BOURBON-ET	USA 72471507						
SANDY-VALLEY SG DAQUIRI-ET	USA 72471496						
SANDY-VALLEY SH BLIZETTE-ET	USA 62188891					C	
SANDY-VALLEY SH CASHANA-ET	USA 72471467			C			
SANDY-VALLEY SH FIRESTAR-ET	USA 62188968					C	
SANDY-VALLEY SH SONGBIRD-ET	USA 62188976	C				C	
SANDY-VALLEY SHAMELESS-ET	USA 72471808						
SANDY-VALLEY SHAMK DEVON-ET	USA 70811485						
SANDY-VALLEY SHAMK DIXIE-ET	USA 70811488						
SANDY-VALLEY SHAMRK CASH-ET	USA 70811606						
SANDY-VALLEY SHAMRK CATE-ET	USA 70811527						3
SANDY-VALLEY SHAMRK DIVA-ET	USA 70811486						
SANDY-VALLEY SHAMRK LILY-ET	USA 70811602						
SANDY-VALLEY SHAMRK MIKA-ET	USA 70811525						
SANDY-VALLEY SHAMROCK SILK	USA 70811608						
SANDY-VALLEY SHAN CHANA-ET	USA 72471427						
SANDY-VALLEY SHAN CHICA-ET	USA 72471407						
SANDY-VALLEY SHAN CINCY-ET	USA 72471424						
SANDY-VALLEY SHAN CIOSHA	USA 72471493					C	
SANDY-VALLEY SHAN ESHA-ET	USA 72471486						
SANDY-VALLEY SHAW LAINEY	USA 72471497						
SANDY-VALLEY SHE PRETTY-ET	USA 69998618						
SANDY-VALLEY SHERAC PERT-ET	USA 69998636						
SANDY-VALLEY SHES A STAR-ET	USA 72471836						
SANDY-VALLEY SHES GOLDEN-ET	USA 72471793						
SANDY-VALLEY SHININGSTAR-ET	840003125601089		C				
SANDY-VALLEY SHK BREVIKA-ET	USA 70811598						
SANDY-VALLEY SHK BREVITY-ET	USA 70811597						
SANDY-VALLEY SHK BRYNDAL-ET	USA 70811543						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY SHK FINESSE-ET	USA 70811548						
SANDY-VALLEY SHK FIRENZA-ET	USA 70811519					C	
SANDY-VALLEY SHK LYRICAL-ET	USA 70811574						
SANDY-VALLEY SHMK BREKYN-ET	USA 70811620						
SANDY-VALLEY SHMK BRYANA-ET	USA 70811549						
SANDY-VALLEY SHMK BRYLAN-ET	USA 70811529						
SANDY-VALLEY SHMK BRYSHA-ET	USA 70811544						
SANDY-VALLEY SHMK CLOVER-ET	USA 70811605						
SANDY-VALLEY SHMK DEVRIE-ET	USA 70811484						
SANDY-VALLEY SHMK HEAVEN-ET	USA 70811642						
SANDY-VALLEY SHMRK BRYCE-ET	USA 70811621						
SANDY-VALLEY SHMRK BRYTE-ET	USA 70811601					C	
SANDY-VALLEY SHMRK CATHY-ET	USA 70811528						3
SANDY-VALLEY SHMRK MIKKI-ET	USA 70811526						
SANDY-VALLEY SHN MAGICAL-ET	USA 72471479						
SANDY-VALLEY SHO SONADOR-ET	USA 63114733					C	
SANDY-VALLEY SHOCK N AWE-ET	840003125601183						
SANDY-VALLEY SHORTCAKE-ET	USA 72471483			C			
SANDY-VALLEY SHOT ALOSHI-ET	USA 62188880					C	
SANDY-VALLEY SHOT BRONZE-ET	USA 66454766					C	
SANDY-VALLEY SHOT CANARY-ET	USA 62188969					C	
SANDY-VALLEY SHOT CHANCE-ET	USA 62188957					C	
SANDY-VALLEY SHOT CHRIS-ET	USA 62188904					C	
SANDY-VALLEY SHOT OF CARMEL	USA 72471476						
SANDY-VALLEY SHOTL BETTY-ET	USA 66454691						
SANDY-VALLEY SHOTOF TEQUILA	USA 72471429						
SANDY-VALLEY SHOTT TOSHI-ET	USA 63114751					C	
SANDY-VALLEY SHOTTL BESS-ET	USA 66454670						
SANDY-VALLEY SHOTTL OREO-ET	USA 62188972					C	
SANDY-VALLEY SHOTTLE TOSIA	USA 63114761					C	
SANDY-VALLEY SHRAC PASHA-ET	USA 69998614						
SANDY-VALLEY SHRAC PIPPA-ET	USA 70811461						
SANDY-VALLEY SHT BRIESHA-ET	USA 62188967						
SANDY-VALLEY SHT DALASHI-ET	USA 62188910					C	
SANDY-VALLEY SILVER ELSA-ET	840003125601312						
SANDY-VALLEY SILVER ESKA-ET	840003125601328						
SANDY-VALLEY SILVER ETSY-ET	840003125601317						
SANDY-VALLEY SILVERARROW-ET	840003125601179						
SANDY-VALLEY SILVERSTAR-ET	840003125601168						
SANDY-VALLEY SILVR CANDY-ET	840003125601337						
SANDY-VALLEY SILVR LOGIC-ET	840003125601256						
SANDY-VALLEY SK BRYLEIGH-ET	USA 70811532						
SANDY-VALLEY SK DAYDREAM-ET	840003125601340						
SANDY-VALLEY SK FANTASIA-ET	USA 70811520					C	
SANDY-VALLEY SKYFIRE-ET	840003125601538					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY SKYROCKET-ET	840003125601126						
SANDY-VALLEY SL PAPRIKA-ET	840003125601232						
SANDY-VALLEY SLARGE TIKA-ET	USA 70811659						
SANDY-VALLEY SLATE DAISY	840003125601104						
SANDY-VALLEY SLATE VISTA-ET	USA 72471799						
SANDY-VALLEY SLG TARALYN-ET	USA 70811661						
SANDY-VALLEY SLOWME DOWN-ET	USA 72471736						
SANDY-VALLEY SLV CARAMEL-ET	840003125601326						
SANDY-VALLEY SLV ESSENCE-ET	840003125601342						
SANDY-VALLEY SLV PICANTE-ET	840003125601237						
SANDY-VALLEY SLV PIMENTO-ET	840003125601231						
SANDY-VALLEY SLV TRINKET-ET	840003014562057						
SANDY-VALLEY SLVR CAVALI-ET	840003125601175						
SANDY-VALLEY SLVR LUSTY-ET	840003125601319						
SANDY-VALLEY SLVR MALIBU-ET	840003125601275						
SANDY-VALLEY SLVR PASTEL-ET	840003125601420						
SANDY-VALLEY SLVR PELLA-ET	840003125601426						
SANDY-VALLEY SLVR SASSY-ET	840003125601399						
SANDY-VALLEY SLVR TASSEL-ET	840003125601244						
SANDY-VALLEY SNOW WHITE-ET	USA 70811652			C		C	
SANDY-VALLEY SNOWBELLE-ET	USA 70811866						
SANDY-VALLEY SNOWCAM-ET	USA 69998628						
SANDY-VALLEY SNOWCAP-ET	USA 70811637					C	
SANDY-VALLEY SNOWCONE-ET	USA 70811600						
SANDY-VALLEY SNOWFLAKE-ET	USA 69998633			C			
SANDY-VALLEY SOC ASHANTI-ET	USA 66454612						
SANDY-VALLEY SOCR AMOURI-ET	USA 66454618						
SANDY-VALLEY SOCRAT DASH-ET	USA 66454611					C	
SANDY-VALLEY SOCRATE ARI-ET	USA 66454616					C	
SANDY-VALLEY SOCRATES TIFF	USA 66454629						
SANDY-VALLEY SOLITAIRE-ET	840003125601129						
SANDY-VALLEY SP EUPHORIA-ET	840003125601359						
SANDY-VALLEY SPARK ASTRA-ET	840003125601496						
SANDY-VALLEY SPARK LIGHT-ET	840003125601308						
SANDY-VALLEY SPARK MAVEN	840003125601353						
SANDY-VALLEY SPARKINFIRE-ET	840003125601198		C				
SANDY-VALLEY SPARKS FLY-ET	USA 70811924						
SANDY-VALLEY SPEECHLESS	USA 70811623						
SANDY-VALLEY SPG COCONUT-ET	840003125601380						
SANDY-VALLEY SPG ELATION-ET	840003125601360						
SANDY-VALLEY SPICE-RED-ET	USA 66454779						1
SANDY-VALLEY SPICECAKE-ET	840003125601132						
SANDY-VALLEY SPK CALYPSO-ET	840003125601493						
SANDY-VALLEY SPK CRYSTAL-ET	840003125601497						
SANDY-VALLEY SPK DRIZZLE-ET	840003125601356						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY SPOT ON-ET	USA 72471809						
SANDY-VALLEY SPR BRYSTAL-ET	USA 69701596					C	
SANDY-VALLEY SPRG EVALYN-ET	840003125601384						
SANDY-VALLEY SPRING LARK-ET	840003125601247						
SANDY-VALLEY SPRING LILY-ET	840003125601295						
SANDY-VALLEY SPRING NEVA-ET	840003125601452						
SANDY-VALLEY SPRING POSH-ET	840003125601374					C	
SANDY-VALLEY SPRING RAIN-ET	USA 70811926						
SANDY-VALLEY SPRING TIME-ET	840003125601196						
SANDY-VALLEY SPRINGBREAK-ET	840003125601526						
SANDY-VALLEY SPRINGFEVER-ET	USA 70811925						
SANDY-VALLEY SPRINGLILAC-ET	840003125601259						
SANDY-VALLEY SPRINGRAIN-ET	840003125601219						
SANDY-VALLEY SPRK DAZZLE-ET	840003125601338						
SANDY-VALLEY SPRK LUMINA-ET	840003125601314						
SANDY-VALLEY SPRNG COCOA-ET	840003125601280						
SANDY-VALLEY SPRNG EBONY-ET	840003125601370						
SANDY-VALLEY SPRNG LACEY-ET	840003125601302						
SANDY-VALLEY SPRNG NIFTY-ET	840003125601450						
SANDY-VALLEY SPRNG NOLAN-ET	840003125601449						
SANDY-VALLEY SPRNG NOVEL-ET	840003125601451						
SANDY-VALLEY SPRNG NYMPH-ET	840003125601440						
SANDY-VALLEY SPRNG PRISM-ET	840003125601362						
SANDY-VALLEY SPRSONIC SUSIE	USA 70811704						
SANDY-VALLEY SPSIRE BELI-ET	USA 70811802						
SANDY-VALLEY SPT SAVANNA-ET	USA 135982871						1
SANDY-VALLEY SPX FELICIA-ET	USA 70811880						
SANDY-VALLEY SPX FREESIA-ET	USA 70811883						
SANDY-VALLEY SRLNG DAISYMAE	USA 72471569						
SANDY-VALLEY SS BLUE IVY	USA 70811945						
SANDY-VALLEY SS BOOTS-ET	USA 72471388						
SANDY-VALLEY SS BROOKE-ET	USA 70811617						
SANDY-VALLEY SS BRYN-ET	USA 72471508					C	
SANDY-VALLEY SS BRYNKLY-ET	USA 72471509					C	
SANDY-VALLEY SS CARSAN-ET	USA 72471459						
SANDY-VALLEY SS CASH-ET	USA 70811913						3
SANDY-VALLEY SS CASHMERE-ET	USA 70811855						
SANDY-VALLEY SS CASPER-ET	USA 72471398						
SANDY-VALLEY SS CASSIDY-ET	USA 72471399						
SANDY-VALLEY SS CIMARRON-ET	USA 70811612						
SANDY-VALLEY SS CISSY-ET	USA 70811914						
SANDY-VALLEY SS CUPCAKE-ET	USA 72471544						
SANDY-VALLEY SS DEVSA-ET	USA 72471468						
SANDY-VALLEY SS FIRESONG-ET	USA 62188966					C	
SANDY-VALLEY SS MUSICAL-ET	USA 72471546						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY SS PASSION-ET	USA 72471428						
SANDY-VALLEY SS PROMISE-ET	USA 72471422						
SANDY-VALLEY SS PSYCH-ET	USA 72471431						
SANDY-VALLEY SSHT ASLANA-ET	840003125601282						
SANDY-VALLEY SSIRE BELLE-ET	USA 70811805						
SANDY-VALLEY SSIRE BELLS-ET	USA 70811804						
SANDY-VALLEY SSIRE COCOA-ET	USA 70811931						
SANDY-VALLEY SSIRE DRAMA-ET	USA 70811811						
SANDY-VALLEY STARBRIGHT-ET	USA 72471543						
SANDY-VALLEY STARSHINE-ET	USA 72471542						
SANDY-VALLEY STJOC TULSA-ET	USA 64833451						
SANDY-VALLEY STO ALANDRA-ET	USA 64833468				C	C	
SANDY-VALLEY STO TUESDAY-ET	USA 64833450						
SANDY-VALLEY STOL ALMOND-ET	USA 64833469					C	
SANDY-VALLEY STOL AUSTIN-ET	USA 64833471					C	
SANDY-VALLEY STOL KRISTA-ET	USA 64833438				C		
SANDY-VALLEY STOL STORY-ET	USA 64833473						
SANDY-VALLEY STOL TASSEL-ET	USA 66454624				C		
SANDY-VALLEY STOL TINSEL-ET	USA 64833472				C		
SANDY-VALLEY STOLJ TEASE-ET	USA 64833439				C		
SANDY-VALLEY STOLJ TRUDY-ET	USA 64833460						
SANDY-VALLEY STOLJOC TES-ET	USA 64833447				C		
SANDY-VALLEY SUDAN GIANA-ET	USA 70811784					C	
SANDY-VALLEY SUMMER BREEZE	USA 70811648						
SANDY-VALLEY SUMMERNIGHT-ET	USA 72471751						
SANDY-VALLEY SUNFSH 5857-ET	840003125601421						
SANDY-VALLEY SUNNY AND75-ET	USA 72471758						
SANDY-VALLEY SUPER AIM-ET	840003125601283						
SANDY-VALLEY SUPER BEYLA-ET	USA 69701589					C	
SANDY-VALLEY SUPER BITSY-ET	USA 69701625						
SANDY-VALLEY SUPER BLESSED	USA 72471571						
SANDY-VALLEY SUPER CASS-ET	USA 69701566					C	
SANDY-VALLEY SUPER DOMINO	USA 69250589					C	
SANDY-VALLEY SUPER KYLA-ET	USA 69701616						
SANDY-VALLEY SUPER SPICY-ET	840003125601151						
SANDY-VALLEY SUPER TALS-ET	USA 70811472						
SANDY-VALLEY SUPERGREAT-ET	840003125601464						
SANDY-VALLEY SUPLX CELSI-ET	USA 70811915						
SANDY-VALLEY SUPR BRAYVA-ET	USA 69701632					C	
SANDY-VALLEY SUPR BRYTAN-ET	USA 69701591					C	
SANDY-VALLEY SUPR BRYVEN-ET	USA 69701590						
SANDY-VALLEY SUPRSIRE BO-ET	USA 70811947						
SANDY-VALLEY SUPRSIRE KELSI	USA 70811807						
SANDY-VALLEY SV MERCEDES-ET	840003125601273						
SANDY-VALLEY SV PHANTOM-ET	840003125601427					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
SANDY-VALLEY SV SPITFIRE-ET	840003125601405						
SANDY-VALLEY SV TREASURE-ET	840003125601197						
SANDY-VALLEY SWEETCAKE-ET	USA 72471491						
SANDY-VALLEY SWEETDREAMS-ET	USA 72471389						
SANDY-VALLEY SWEETHEART-ET	USA 63114791						1
SANDY-VALLEY SWEETROLL-ET	840003125601305						
SANDY-VALLEY SY DELIGHT-ET	USA 66454805					C	
SANDY-VALLEY SY TALENTED-ET	USA 66454759						
SANDY-VALLEY SYM FYLICIA-ET	USA 72471470			C			
SANDY-VALLEY TAHITI-ET	USA 64833404						
SANDY-VALLEY TAKE NOTICE-ET	USA 72471433						
SANDY-VALLEY TAMRA-ET	USA 64833240						
SANDY-VALLEY TANDY 5226	USA 72471608		C				
SANDY-VALLEY TANNENBAUM-ET	USA 62188964						
SANDY-VALLEY TEQUILASUNRISE	840003125601281						
SANDY-VALLEY TG MACARENA-ET	USA 72471754						
SANDY-VALLEY TG PRISTINE-ET	USA 72471875					C	
SANDY-VALLEY TG RENEGADE-ET	USA 72471664		C				
SANDY-VALLEY TIMELESS-ET	USA 70811773						
SANDY-VALLEY TM SHOWSTAR-ET	840003125601093		C				
SANDY-VALLEY TNG PRANCER-ET	USA 72471691		C				
SANDY-VALLEY TNGO GENEVA-ET	USA 72471768		C				
SANDY-VALLEY TNGO PAVANE-ET	USA 72471684		C			C	
SANDY-VALLEY TONTO-ET	USA 64833231						
SANDY-VALLEY TOTALLY UNIQUE	USA 70811951						
SANDY-VALLEY TREAT-ETS	840003125601212						
SANDY-VALLEY TRICK-ETS	840003125601211						
SANDY-VALLEY TRIGGER PEG	USA 69998607						
SANDY-VALLEY TRIGGR TIGA-ET	USA 69998473					C	
SANDY-VALLEY TROPICANA-ET	840003125601260						
SANDY-VALLEY TROY FEISTY	840003125601485						
SANDY-VALLEY TS TERRA-ET	USA 66454754						
SANDY-VALLEY TTM FIREFLY-ET	840003125601209		C				
SANDY-VALLEY TURQUOISE-ET	USA 70811903						
SANDY-VALLEY UNO ADDISON-ET	USA 70811831						
SANDY-VALLEY UNO BONNIE-ET	USA 70811677						
SANDY-VALLEY UNO BUENA-ET	USA 70811674						
SANDY-VALLEY UNO DANNA-ET	USA 72471434						
SANDY-VALLEY UNO DEJA VU	USA 70811756						
SANDY-VALLEY UNO DENNA-ET	USA 72471460						1
SANDY-VALLEY UNO DONNA-ET	USA 72471440						
SANDY-VALLEY UNO DOS-ET	USA 70811746						
SANDY-VALLEY UNO DOVE-ET	USA 70811745						
SANDY-VALLEY UNO EMERY-ET	USA 70811798						
SANDY-VALLEY UNO GENESIS-ET	USA 70811751					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY UNO GENEVA-ET	USA 70811737					C	
SANDY-VALLEY UNO MARIA-ET	USA 70811680						
SANDY-VALLEY UNO MCKAYLA-ET	USA 70811860						
SANDY-VALLEY UNO MCKENNA-ET	USA 70811859						
SANDY-VALLEY UNO PAISLEY-ET	USA 70811690					C	
SANDY-VALLEY UNO PARIS-ET	USA 70811739					C	
SANDY-VALLEY UNO PARKER-ET	USA 70811689					C	
SANDY-VALLEY UNO PAXTON-ET	USA 70811742					C	
SANDY-VALLEY UNO PIPER-ET	USA 70811743						
SANDY-VALLEY UNO SAGE-ET	USA 70811779						
SANDY-VALLEY UNO SCARLET-ET	USA 70811782						
SANDY-VALLEY UNO SHADOW-ET	USA 70811783						
SANDY-VALLEY UNO SKYLAR-ET	USA 70811781						
SANDY-VALLEY UNO SOLARA-ET	USA 70811764						
SANDY-VALLEY UNO STEVI-ET	USA 70811819						
SANDY-VALLEY UNO STORM-ET	USA 70811780						
SANDY-VALLEY UNO VALLORY-ET	USA 70811710						
SANDY-VALLEY VALENTINE-ET	USA 70811894		C				
SANDY-VALLEY VANILLACAKE-ET	USA 72471783						
SANDY-VALLEY VERSAILLES-ET	USA 70811666						
SANDY-VALLEY VIKING QUEEN	840003125601068						
SANDY-VALLEY VIVACIOUS-ET	USA 72471840						
SANDY-VALLEY WKHM AWARE-ET	840003125601199						
SANDY-VALLEY WKHM BREEZE-ET	840003125601201						
SANDY-VALLEY YDR CAYENNE-ET	840003125601221					C	
SANDY-VALLEY YES PLEASE-ET	USA 72471489						3
SANDY-VALLEY YODER ABEYLA	840003125601077						
SANDY-VALLEY YODER ANYKA-ET	840003125601214						
SANDY-VALLEY YODER ARIEL-ET	840003125601113						
SANDY-VALLEY YODER AYVA-ET	840003125601215						
SANDY-VALLEY YODER ENYA-ET	840003125601171						
SANDY-VALLEY YODER EVY-ET	840003125601195						
SANDY-VALLEY YODER JODY-ET	840003125601159						
SANDY-VALLEY YODER JOLY-ET	840003125601160						
SANDY-VALLEY YODER JUDY-ET	840003125601156						
SANDY-VALLEY YODER TEAL-ET	840003125601090						
SANDY-VALLEY YODER TOPAZ-ET	840003125601091						
SANDY-VALLEY YODR ALBANY-ET	840003125601185						
SANDY-VALLEY YODR EEYORE-ET	840003125601169						
SANDY-VALLEY YODR JORDYN-ET	840003125601158						
SANDY-VALLEY YODR KITCAT-ET	840003125601382						
SANDY-VALLEY YODR LIVELY-ET	840003125601187						
SANDY-VALLEY YODR TYRIAN-ET	840003125601140						
SANDY-VALLEY YOUBETCHA-ET	USA 72471821						
SANDY-VALLEY ZADE TIARA	USA 63114894						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANDY-VALLEY ZBM GLACIER-ET	USA 70811927						
SANDY-VALLEY ZBM TIMEOUT-ET	USA 70811949						
SANDY-VALLEY ZEN ASHLYN-ET	USA 63114855						
SANDY-VALLEY ZENITH AVA-ET	USA 63114857						
SANDY-VALLEY ZENITH SENORA	USA 64833372					C	
SANDY-VALLEY ZM PRIMROSE-ET	USA 72471413					C	
SANDY-VALLEY-I CC POLOMA-ET	CAN 108881836						1
SANDY-VALLEY-I CC PRITA-ET	CAN 108881834						
SANDY-VALLEY-I HLGN PURNIMA-ET	CAN 109010806					C	
SANDY-VALLEY-I JAC PALLAS-ET	CAN 108842460						1
SANDY-VALLEY-I JC PALLY-ET	CAN 109010842					C	
SANDY-VALLEY-I JC PETULA-ET	CAN 109010844						
SANDY-VALLEY-I JS PRISCILLA-ET	CAN 109010830					C	
SANDY-VALLEY-I JYRD POMPOM-ET	CAN 109010931					C	
SANDY-VALLEY-I JYRD PRETTI-ET	CAN 109010934					C	
SANDY-VALLEY-I PAGLIA-ET	CAN 109319199						
SANDY-VALLEY-I PANCETTA-ET	CAN 109319211						
SANDY-VALLEY-I PANINI-ET	CAN 109319217						
SANDY-VALLEY-I PARSNIP-ET	CAN 109319212						
SANDY-VALLEY-I PASTRY-ET	CAN 109319209						
SANDY-VALLEY-I PEACHES-ET	CAN 109319192						
SANDY-VALLEY-I PEARL-ET	CAN 109319193					C	
SANDY-VALLEY-I PEPPERCORN-ET	CAN 109319233						
SANDY-VALLEY-I PERSIMMON-ET	CAN 109319206					C	
SANDY-VALLEY-I PHILLY-ET	CAN 109319207						
SANDY-VALLEY-I PICADA-ET	CAN 109319200						
SANDY-VALLEY-I PICNIC-ET	CAN 109319203					C	
SANDY-VALLEY-I PIEROGI-ET	CAN 109010987						
SANDY-VALLEY-I PINTAIL-ET	CAN 109010984						
SANDY-VALLEY-I POMELO-ET	CAN 109010999					C	
SANDY-VALLEY-I PRALINE-ET	CAN 109319225						
SANDY-VALLEY-I PUDDING-ET	CAN 109319230					C	
SANDY-VALLEY-W B CRYSTAL-ET	USA 63114952						
SANHILLVIEW JED PHYLLIS	USA 129132660						
SANJA-ET	DEU 579858384						
SANNE 43-ET	NLD 526866726				C		
SANORVALLEY OMAN GOTCHA	USA 141203827			C			
SANTEE-ACRES ACME VENESSA	USA 62872660						1
SANTEE-ACRES ADAM EMPIRE	USA 62872622						
SANTEE-ACRES ADVENT SUE-RED	USA 61522629						
SANTEE-ACRES ASPEN ERNIE-ET	USA 62872658						
SANTEE-ACRES BOLTN SNOWBALL	USA 70429716			C			
SANTEE-ACRES DUNDEE ERICA	USA 62872655						
SANTEE-ACRES DUNDEE ESTELLE	USA 62872667						
SANTEE-ACRES FORTNE ELEKTRA	USA 62872656						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SANTEE-ACRES GOLDEN EASTER	USA 70429706			C			1
SANTEE-ACRES GRAYBL SCHATZI	USA 62872671						
SANTEE-ACRES LEVEL VIOLET	USA 62872666						
SANTEE-ACRES LOU NACK-TW	USA 62872639						
SANTEE-ACRES LOU NICK-TW	USA 62872638						
SANTEE-ACRES MERCHANT ECHO	USA 61522634						
SANTEE-ACRES MORTY NIMBLE	USA 62872642	C					
SANTEE-ACRES O-MAN STORM	USA 62872600			C			
SANTEE-ACRES O-MAN VENUS	USA 61522653						
SANTEE-ACRES SANCHEZ ANNA	USA 62872668						
SANTEE-ACRES SANCHEZ EBONY	USA 62872676			C			
SANTEE-ACRES TORNADO SYLVIA	USA 62872664	C					
SANTEE-M O-MAN SPICE	USA 61522593						
SAPA-SKA ALTAMETEOR DARLING	USA 143029647					C	
SAPA-SKA ATWOOD RUBI	USA 69827058						
SAPA-SKA BOLTEN DELIVER	USA 65540954						
SAPA-SKA BOXER TINKER	USA 69827047						
SAPA-SKA CHELIOS ILLUSION	USA 72882518						
SAPA-SKA COTTON	USA 69827071		C				
SAPA-SKA DOUGLAS SANTA	USA 62712873						
SAPA-SKA EPIC DOLLI	USA 69827098					C	
SAPA-SKA GOLDWYN ROSLYN-ET	USA 140498044						1
SAPA-SKA HILL LETTY	USA 72882516						
SAPA-SKA JEEVES DAISY-ET	USA 65541012						
SAPA-SKA LIGHT SWITCH	USA 141603403						
SAPA-SKA LIPTON	USA 69827068						
SAPA-SKA LYRIC	USA 69827074						
SAPA-SKA MASSEY DESIRE	USA 69827130						
SAPA-SKA MASSEY DYANE	USA 72882515						
SAPA-SKA MESA	USA 69827072						
SAPA-SKA OUTSIDE REANNA	USA 62712898						
SAPA-SKA TOPSIDE REGAN	USA 69827126						
SAPPHIRE-SKY ATWOOD BEAUTY	USA 141797922						
SAPPHIRE-SKY ATWOOD DEJA	USA 141797931						
SAPPHIRE-SKY ATWOOD KATE-ET	USA 141514103						
SAPPHIRE-SKY ATWOOD KAYLEE	USA 141554727						
SAPPHIRE-SKY ATWOOD KISS-ET	USA 141615279						
SAPPHIRE-SKY COLBY FROSTY	USA 140334571		C				
SAPPHIRE-SKY FRDE PRISCILLA	USA 142004597						
SAPPHIRE-SKY GCHIP DESERAE	USA 142094817		C				
SAPPHIRE-SKY KB ELLIE	840003133903454						
SAPPHIRE-SKY KEZMYA ATWOOD	840003134180819						
SAPPHIRE-SKY MCCUTCH KEELEE	840003012319739						
SAPPHIRE-SKY PNTC DESIRE	USA 139527236						
SAPPHIRE-SKY PNTC ELLA	USA 139527254						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAPPHIRE-SKY ROY ELYSSA	USA 136763202						
SAPPHIRE-SKY SEB HENRIETTA	USA 142004588						
SAPPHIRE-SKY SHMP PRESTIGE	USA 140500574						
SAPPHIRE-SKY SS KIARA-ET	USA 139253722						3
SAPPHIRE-SKY SUDAN JULY	USA 142004609	C					
SAPPHIRE-SKY SUPER FLURRY	USA 141614607						
SAPPHIRE-SKY UNO DELILAH	USA 142539963						
SAPPHIRE-SKY WIZARD DREAM	USA 136763211						
SAR-JAS ATMOST SPECK	840003125416532						
SAR-JAS BALISTO SALISTO	840003125416530						
SAR-JAS BRYANT SLIDE-ET	840003125416520						
SAR-JAS BRYANT SLIP-ET	840003125416519						
SAR-JAS BRYANT SLY-ET	840003125416518						
SAR-JAS BRYANT SNEAK-ET	840003125416517						
SAR-JAS CHAIRMAN SARIANA-ET	USA 69312512						1
SAR-JAS DAMARIS SIRENNA-ET	840003125416538						
SAR-JAS DEBUT TASHA-ET	USA 69312621						
SAR-JAS DEBUT TAWNY-ET	USA 69312620						
SAR-JAS DEMAN HOPSCOTCH	840003125416505						1
SAR-JAS DOMAIN ADDY-ET	USA 69312500						
SAR-JAS DOMAIN SOMAIN	USA 69312501						
SAR-JAS DORCY STORA	USA 69312516						
SAR-JAS DUCATI SINABEAR-RED	USA 69312668						
SAR-JAS EPIC SEPIC-ET	USA 69312590						
SAR-JAS FERNAND SPARK	USA 69312648						3
SAR-JAS G DREAMS SIZZLE	840003125416546						
SAR-JAS GREENWAY SHAMMO-ET	840003125416513						
SAR-JAS GREENWAY SLEEK-ET	840003125416514						
SAR-JAS GREENWAY SONAL-ET	840003125416507						
SAR-JAS GREENWAY SONYA-ET	840003125416508						
SAR-JAS IOTA JILL	USA 69312560						
SAR-JAS JACEY SHIMMER	USA 69312669						
SAR-JAS JACKMAN STRUDLE-ET	USA 69312644						
SAR-JAS JEEVES SNAP-ET	USA 63708012						1
SAR-JAS JEEVES STALLETO-ET	USA 63708019						1
SAR-JAS JEEVES SWEET-ET	USA 63708014						1
SAR-JAS JKMAN SHADOW-ET	USA 69312638						
SAR-JAS JKMAN SIRENNA-ET	USA 69312637			C			
SAR-JAS JKMAN SUNFLOWER-ET	USA 69312645						
SAR-JAS KADO SAFFI-ET	840003125416504						
SAR-JAS KADO SAFFRON-ET	840003125416503						
SAR-JAS KADO SANA-ET	840003125416509						
SAR-JAS KADO SELDA-ET	840003125416510						
SAR-JAS KADO SIDRA-ET	840003125416511						
SAR-JAS KINGBOY STARLITE-ET	840003125416525						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAR-JAS LEXOR STUFF	USA 69312604						
SAR-JAS LITHIUM SPATS-ET	USA 69312597						
SAR-JAS LITHIUM SPOTS-ET	USA 69312598						
SAR-JAS LOPTIMUM SPEAK	840003125416545						
SAR-JAS LOPTIMUM SWIZZLE	840003125416547						3
SAR-JAS MAUI SAIL-ET	USA 69312559						3
SAR-JAS MAUI SURF-ET	USA 69312558						3
SAR-JAS MONTROSS SHIELA	840003125416535						
SAR-JAS OAK TESS-ET	USA 69312651						
SAR-JAS OAK TIA-ET	USA 69312647						
SAR-JAS OAK TIDBIT-ET	USA 69312653						
SAR-JAS ORLAN ERIANA	USA 69312561						
SAR-JAS PED TUNDRA-ET	USA 69312643						3
SAR-JAS POSEIDON SNAP IT-ET	USA 69312554						3
SAR-JAS POSEIDON SNAPPEL-ET	USA 69312549						3
SAR-JAS POSEIDON SNAPPY-ET	USA 69312548						
SAR-JAS POSEIDON SPARKLE-ET	USA 69312551						3
SAR-JAS PRED TABIA-ET	USA 69312639						
SAR-JAS PRED TAMI-ET	USA 69312635						
SAR-JAS PRED TAXI-ET	USA 69312641						3
SAR-JAS PULSAR CHERRY	840003125416533						
SAR-JAS RUBLE TINY-ET	USA 69312665						
SAR-JAS SHAMRK SNOWFLAKE-ET	USA 69312541						
SAR-JAS SHAMROCK YARN	USA 69312537						
SAR-JAS SHAMROK SNACKPAK-ET	USA 69312536						3
SAR-JAS SHAN CAYENNE-ET	USA 69312663						
SAR-JAS SHAN CECE-ET	USA 69312628						
SAR-JAS SHAN CORA-ET	USA 69312624						
SAR-JAS SHAN STRIPE	840003125416550						
SAR-JAS SHERAC CAT CORA	USA 69312534						
SAR-JAS SHERAC STAR	USA 69312562						3
SAR-JAS SMURF SERENA-ET	USA 69312611			C			
SAR-JAS SMURF SEVEN-ET	USA 69312612						
SAR-JAS SMURF SPRINKLE-ET	USA 69312613			C			3
SAR-JAS SMURF SPRITE-ET	USA 69312616						3
SAR-JAS SMURF SPRITZ-ET	USA 69312614			C			
SAR-JAS SPRING JOYCE	840003125416542						
SAR-JAS SPRING SHADY	840003125416556						
SAR-JAS SPRING XEPHELIA	840003125416544						
SAR-JAS STRATIFY SPARKETTE	840003125416554						
SAR-JAS SUPERSHOT XELDA-ET	840003125416543						
SAR-JAS SUPERSHOT XENA-ET	840003125416541						
SAR-JAS SYMP SNAZZY	USA 69312622			C			
SAR-JAS TOPROCK TAH-DA	USA 69312671						
SAR-JAS UNO SAGE-ET	USA 69312587						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAR-JAS UNO SHEBA-ET	USA 69312583						
SAR-JAS UNO SHOUT-ET	USA 69312585						
SAR-JAS UNO SIDRA-ET	USA 69312584						
SAR-JAS UNO SIRI-ET	USA 69312580						
SAR-JAS UNO SONA-ET	USA 69312578						
SAR-JAS UNO SPECKLE-ET	USA 69312588						
SAR-JAS UNO SYDNEY-ET	USA 69312576						
SAR-JAS WILLPOWER TAC-ET	USA 69312660	C					
SAR-JAS WILLPOWER TIC-ET	USA 69312659	C					
SAR-JAS WILLPOWER TOE-ET	USA 69312661						
SAR-JAS WP TINKERBELLE-ET	USA 69312683	C					
SARA 146-ET	DEU 662750919						
SARANDIPITY BRIGHAM 7636	840003125520932						
SARANDIPITY SPRING 7601	840003125520897						
SARGENT DUNDEE KITTY	USA 137269354						
SARINA-ET	DEU 1402995225						
SARTIGAN GOLDWYN ROKAILLE-ET	CAN 104080436						
SARTIGAN SHOTTLE RADIAL-ET	CAN 106376054						
SASHAS ATW SERENA RAE-ET	840003005685996						
SATE-LITE-ERO SUPER CHIC-ET	USA 142296095						1
SATELLITE-ERO DOMAIN CAT-ET	USA 141935234						1
SATELLITE-ERO DOMAIN CIA-ET	USA 141332170						
SATELLITE-ERO DOMAIN COY-ET	USA 141935252						
SATELLITE-ERO DOMAIN CUP-ET	USA 141935261						
SATELLITE-ERO DOMAIN CYL-ET	USA 141935243						
SATELLITE-ERO RAVISH CORAL	USA 141336914						1
SAVAGE-LEIGH ABSOLUTE LIGHT	840003007810725						
SAVAGE-LEIGH ACME LUNA-ET	840003007810550						
SAVAGE-LEIGH ALCHEMY ROXY	840003007810497						
SAVAGE-LEIGH ALLEN LILAC-ET	840003007810412						1
SAVAGE-LEIGH AMCE TRIP-TRI	840003007810552						1
SAVAGE-LEIGH ASPEN DIBBY	840003004778763						
SAVAGE-LEIGH ASPEN LIONA-ET	840003004778891						
SAVAGE-LEIGH ATWD DEXI-ET	840003123796906						
SAVAGE-LEIGH ATWD STYLE-ET	840003007810564						
SAVAGE-LEIGH BELLWOOD LINDA	USA 17121835						
SAVAGE-LEIGH BETRAY LIC-ET	840003007810479						
SAVAGE-LEIGH BLACK SILK-ET	840003007810473						
SAVAGE-LEIGH BOMB DANESSA	840003123796911						
SAVAGE-LEIGH BROOKE-RED-ET	840003007810283		C				
SAVAGE-LEIGH CAMDEN BETH-ET	840003007810430		C				
SAVAGE-LEIGH CODIE SELENA	840003007810457						
SAVAGE-LEIGH COLT BETHY-RED	840003007810431						
SAVAGE-LEIGH DAMION LEXA-ET	840003004778768						
SAVAGE-LEIGH DESTRY LYN-RED	840003004778998						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAVAGE-LEIGH DEVY-ET	USA 61604236						
SAVAGE-LEIGH DURHAM LYNN-ET	USA 61604380						
SAVAGE-LEIGH FEVER LEA-ET	840003007810360						
SAVAGE-LEIGH FEVER LORI-ET	840003007810366						
SAVAGE-LEIGH FEVER SPOT-TW	840003007810470						
SAVAGE-LEIGH GD LAVINIA-ET	840003123796918						
SAVAGE-LEIGH GOLD LEONA-ET	840003007810415						1
SAVAGE-LEIGH GOLD LILLY-ET	840003004778738						1
SAVAGE-LEIGH GOLD LILY-ET	840003001511992						
SAVAGE-LEIGH GOLD LIN-ET	840003007810480						1
SAVAGE-LEIGH GOLD LINDA-ET	840003004778750						1
SAVAGE-LEIGH GOLD LINDI-ET	840003004778732						
SAVAGE-LEIGH GOLD LIZZY-ET	USA 61604288						
SAVAGE-LEIGH GOLD LONA-ET	840003004778739						
SAVAGE-LEIGH GOLD LOREN-ET	840003004778749						
SAVAGE-LEIGH GOLD LULU-ET	840003004778740						
SAVAGE-LEIGH GOLD LUSH-ET	840003007810482						1
SAVAGE-LEIGH GOLD LYRA-ET	840003004778742						1
SAVAGE-LEIGH GOLD ROXY-ET	840003001512060						
SAVAGE-LEIGH GOLDEN GIRL-ET	840003007810483						
SAVAGE-LEIGH HIGH STYLE-ET	840003007810363						
SAVAGE-LEIGH JASPER LEAH-ET	840003001512061						
SAVAGE-LEIGH LANTZY-ET	840003004778812						
SAVAGE-LEIGH LAURALEE-ET	840003001511915					C	
SAVAGE-LEIGH LAVERN-ET	USA 61604398						
SAVAGE-LEIGH LAVIM-ET	USA 61604400						
SAVAGE-LEIGH LAVISH-ET	USA 61604116						
SAVAGE-LEIGH LEOLA-ET	USA 61604188						
SAVAGE-LEIGH LEONA-ET	USA 61604187						
SAVAGE-LEIGH LESLEE-ET	840003001511945						1
SAVAGE-LEIGH LICORI-RED	840003007810475						1
SAVAGE-LEIGH LICORICE-5-ET	840003001511973						
SAVAGE-LEIGH LICORICE-8-ET	840003001511976						
SAVAGE-LEIGH LICORICE-ET	USA 60317090						
SAVAGE-LEIGH LINDZEE-ET	USA 61604390						
SAVAGE-LEIGH LIVY	840003007810558						
SAVAGE-LEIGH LOLA-ET	840003001511904						
SAVAGE-LEIGH LOLLY-ET	840003001511903						
SAVAGE-LEIGH LOU LENIA-ET	USA 61604430						
SAVAGE-LEIGH LOVE BE-RED-ET	840003007810547						1
SAVAGE-LEIGH LOVETT-ET	840003004778813						
SAVAGE-LEIGH LUCINDA-ET	USA 61604290						
SAVAGE-LEIGH MACEY-RED	840003007810444						1
SAVAGE-LEIGH MAXIE-RED-ET	840003007810377						3
SAVAGE-LEIGH MILLION LUCILE	840003004778838		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAVAGE-LEIGH MISS LANEY-ET	840003007810719						
SAVAGE-LEIGH MONA-RED-ET	840003007810422						
SAVAGE-LEIGH MONAE-RED-ET	840003007810426						
SAVAGE-LEIGH P LIBBY-ET	840003004778802						
SAVAGE-LEIGH P LILLYANN	840003004778827		C				
SAVAGE-LEIGH P LINETTE-ET	840003004778806						
SAVAGE-LEIGH PLANET LEXA-ET	840003004778786	C					
SAVAGE-LEIGH PLANET LEXI-ET	840003004778784						
SAVAGE-LEIGH PRONTO LEVY-ET	840003001512074						
SAVAGE-LEIGH PS LELA-ET	840003004778951					C	
SAVAGE-LEIGH RR BETSY-RED	840003004778898		C				3
SAVAGE-LEIGH RR STACEY	840003004778964						1
SAVAGE-LEIGH S LEONY AMY-ET	840003011821709					C	
SAVAGE-LEIGH S LEONY JAM-ET	840003011821707						
SAVAGE-LEIGH SATCHEL LACI	840003007810716						
SAVAGE-LEIGH SAVANNAH	840003001512008						
SAVAGE-LEIGH SECURE LORI-ET	840003007810268						3
SAVAGE-LEIGH SHOTTLE LEA-ET	840003004778755					C	
SAVAGE-LEIGH SHOTTLE LEE-ET	840003004778756					C	
SAVAGE-LEIGH SHOTTLE LEONY	840003001511881					C	
SAVAGE-LEIGH SID LEONA-ET	840003007810371						
SAVAGE-LEIGH SUPER LONG-ET	840003004779007						
SAVAGE-LEIGH SUPER LYLA-ET	840003004779004						
SAVAGE-LEIGH SUPER LYNN-ET	840003004778965						
SAVAGE-LEIGH SUPER SPOT-ET	840003007810234						
SAVAGE-LEIGH TANGO SPOT-ET	840003007810723		C				
SAVAGE-LEIGH WHITE FEVER-ET	840003007810359						
SAVAGE-LEIGH ZENITH LIZ	USA 61604097						
SAVAGE-LEIGH ZENITH LOVE-ET	USA 61604240						
SAVAGE-LEIGHCF GOLD LACE-ET	840003004778801					C	1
SAVAGE-STOX OBOY LALANI 138	USA 70119189						
SAVAGELEE-TM BILLI-RED-ET	840003123796852						1
SAVAGELEE-TM COLT MARGO-RED	840003007810438						
SAWALL MR-L MISS MEGA	840003133456479						
SAWALL MR-L SLIPPERY-ET	USA 72940876			C			
SAWALL MR-L SLOPPY-ET	USA 72940888						
SAX JEWEL	DEU 1403301673						
SAXONY DURHAM CLARICE	USA 139294310						
SAXONY SHOTTLE CRISTINA-ET	USA 137424948	C				C	
SAXTON-HILL BLUE VELVET	USA 142723333						
SAXTON-HILL EPIC FLICKA	USA 142147766						
SAXTON-HILL FALL IN LOVE-ET	USA 142670149						
SAXTON-HILL TRENDING-ET	USA 71269174						
SAYBROOK-MRK A CICIE-RED-ET	USA 70295355						3
SAYBROOK-MRK A CIERA-RED-ET	USA 70295354						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SAYBROOK-MRK C CORI-RED-ET	USA 70295312						3
SAYBROOK-MRK CATTIE-RED-ET	USA 71428249						3
SAYBROOK-MRK DUSK 5354-ET	USA 71428274						3
SAYBROOK-MRK GOLDWN CARA-ET	USA 70295324						
SAYBROOK-MRK GOLDWN CORA-ET	USA 70295323						3
SCARLET-MAPLE GSUN EVITA-ET	USA 72787116						
SCARLET-MAPLE MACK GEM	USA 143109558						
SCARLET-SUMMER D GUINESS-ET	USA 141774279						
SCARLETTE-ET	DEU 1403461577						3
SCAT-A 7933	USA 72059179						
SCAT-A 9375-TW	USA 74432208						
SCAT-A 9633	840003131721594						
SCAT-A 9637	840003131721598			C			
SCAT-A 9638	840003131721599						
SCAT-A 9639	840003131721600			C			3
SCAT-A 9653	840003131721614						
SCD-JC 2242 MAYFI 5757	USA 71859335						
SCD-JC 2248 COLT 5673	USA 71859251						
SCD-JC 92181 ATWO 5561	USA 71859139						
SCD-JC ART HARMONY-ET	USA 73020296						
SCD-JC ATWOOD AUBRY	USA 72458815						
SCD-JC ATWOOD BRIEANNA	USA 142216549						
SCD-JC ATWOOD MASON	USA 72458830						
SCD-JC BAYONET CHAKA	USA 73710102						
SCD-JC BAYONET MARIE	USA 73710086	C					
SCD-JC BOB DANITA	USA 73020368						
SCD-JC BOB MAGIC	USA 73020260	C					
SCD-JC CARMON	USA 72458902						
SCD-JC DALEN DAVIAS	USA 72458771						
SCD-JC DESIGN RIO-JANE	USA 73710090						
SCD-JC DOORMAN HARMONY-ET	USA 73020280						
SCD-JC DOORMAN HAVEN-ET	USA 73020286						
SCD-JC DURABLE LANE	USA 73020192		C				3
SCD-JC EXTRAVERT RAQUEL	840003128912747						
SCD-JC FAN MAG 5854-RED-ET	USA 71859432						
SCD-JC GABOR MISSY	USA 73709993						
SCD-JC HALOGEN COSMO-ET	USA 73020469						
SCD-JC IOTA HEYLEIGH	USA 142216530						
SCD-JC JABIR CHAKA	USA 73020348			C			
SCD-JC JABIR EXTRA-ET	USA 73020325						
SCD-JC KRAFTY BAILEY	USA 73020253						
SCD-JC KRAFTY MARGARITA	USA 73020254						
SCD-JC KRUNCH OSANJA	USA 73020214						
SCD-JC LEONID MS BARBIE	USA 73020272						
SCD-JC LEONID SHAQUNDA	USA 73020209						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCD-JC MAGENTA MAGGIE	USA 72458731		C				3
SCD-JC MAGENTA OLYMPIA	USA 72458789		C				
SCD-JC MAGNUS CHRISTINE	USA 72305825						
SCD-JC MAYFIELD BAMBINA	USA 142169771						
SCD-JC MAYFIELD BLAIZE	USA 72305844						
SCD-JC MAYFIELD KRYSTEL	USA 72305775			C			
SCD-JC MAYFIELD ROSA	USA 72458726			C			1
SCD-JC MAYFIELD VERONICA	USA 142216512			C			
SCD-JC MAYFLOWER HEDWIG	USA 73709965						
SCD-JC MAYFLOWER MAGNUM-TW	USA 73020256						
SCD-JC MAYFLOWER MANGO-TW	USA 73020255						
SCD-JC MAYFLOWER MARITA	USA 73020257	C					
SCD-JC MC GRAW CARMON-ET	USA 73710091						1
SCD-JC MC GRAW CHASE-ET	USA 73710079						1
SCD-JC MC GRAW CLOVE-ET	USA 73710080						1
SCD-JC MC GRAW CREST-ET	USA 73710075						
SCD-JC MCCUTCHEN BARBIE	USA 73710099						
SCD-JC MCCUTCHEN HEAVEN	USA 73710044						
SCD-JC MCNUGGETS HALO	USA 73020369						3
SCD-JC MIDNIGHT BECCA	USA 73710012						
SCD-JC MILES BRENDA	USA 73709984						
SCD-JC MIXER SPARK	USA 73020222						
SCD-JC MNTROSS BOSTON-ET	USA 73709983						
SCD-JC MONTROSS BECCA-ET	USA 73709989						
SCD-JC MONTROSS CASSIDI-ET	840003128912704						
SCD-JC MONTROSS COOL	840003128912711						
SCD-JC MONTROSS GRETCHEN-ET	USA 73709994						
SCD-JC MONTROSS HABIT	840003128912716						
SCD-JC MONTROSS HEAVEN	840003128912781						
SCD-JC MONTROSS MELLOW-ET	USA 73709972						3
SCD-JC MONTROSS MISTRO-ET	USA 73709977						3
SCD-JC O-STYLE ADRIENNE	USA 72305770			C			
SCD-JC PERRY EXTRA	USA 73709953						
SCD-JC PETERPAN AFRICA	USA 73710129						
SCD-JC PREDESTINE TIFFANI	USA 73020356						3
SCD-JC PT 2201 SHAMR 5589	USA 71859167						
SCD-JC SENDER CLASSIC-ET	840003128912719						
SCD-JC SHAMROCK SHAIANN	USA 142217009						
SCD-JC SLATE MONTREAL	USA 73710055						
SCD-JC SUPERSIRE MEG	USA 73020421						
SCD-JC TREE 2116 MOGUL 5623	USA 71859201						
SCD-JC VISION CHRISTINA	USA 72458718		C				
SCDI SANCHEZ MARJAN	USA 55913097						
SCDI SUPERSIRE PATSY	USA 58938020						
SCENERY-RF BAMBOO-ET	840003131551238						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCENERY-RF BEATRICE-ET	840003126786908						
SCENERY-RF BECCA-ET	840003131551172			C			
SCENERY-RF BELEESE-ET	840003126786903						
SCENERY-RF BELINDA-ET	840003131551175						1
SCENERY-RF BERISA-ET	840003135302519						
SCENERY-RF BERNICE-ET	840003131551174						
SCENERY-RF BETSEY-ET	840003131551187						
SCENERY-RF BETTA-ET	840003131551161						
SCENERY-RF BILLYJEAN-ET	840003126786899						
SCENERY-RF BOBBI JO-ET	840003131551164						
SCENERY-RF BOOTS-ET	840003131551207			C			1
SCENERY-RF SIL BLANCHE-ET	840003131551222						
SCENERY-VIEW B G CAVITA-ET	USA 66663704						
SCENERY-VIEW BNICK ERMA-ET	USA 70963674						
SCENERY-VIEW BNICK MAREN-ET	USA 70963676						
SCENERY-VIEW BROK CORA	840003131551205						
SCENERY-VIEW CAMILE-ET	USA 69948540						1
SCENERY-VIEW CARMA	USA 71845212					C	
SCENERY-VIEW CARMEN-RED-ET	USA 71845304		C				2
SCENERY-VIEW CAVICKA-RED-ET	840003131551197						1
SCENERY-VIEW CAYLA-RED-ET	840003126786838		C				2
SCENERY-VIEW CELIA-RED-ET	840003126786828		C				1
SCENERY-VIEW CONNY-RED-ET	840003126786866						1
SCENERY-VIEW COZMIC-RED-ET	840003131551158						2
SCENERY-VIEW EBAY-ET	USA 70963688						1
SCENERY-VIEW EIDITH-ET	USA 70963634					C	
SCENERY-VIEW EILEEN-ET	USA 70963639						
SCENERY-VIEW ELANOR-ET	USA 70963679					C	
SCENERY-VIEW ELMORA-ET	840003135302516						
SCENERY-VIEW ELSIE-ET	USA 72454073						
SCENERY-VIEW ELVA-ET	USA 72454069						
SCENERY-VIEW ELVIRA-ET	USA 72454076						
SCENERY-VIEW ELYSE	USA 73286917						
SCENERY-VIEW ERIKA	USA 73286898						
SCENERY-VIEW ESSENCE-ET	USA 70963622						1
SCENERY-VIEW EUNIS-ET	USA 72454037						
SCENERY-VIEW EVALYN-ET	USA 72454034					C	
SCENERY-VIEW EVE	USA 73286897						
SCENERY-VIEW EVON-ET	840003131551233						
SCENERY-VIEW GCHIP ELLY	USA 73286959						
SCENERY-VIEW MADALEN-ET	USA 70963703			C			
SCENERY-VIEW MADINE	840003126786882						
SCENERY-VIEW MALASIA-ET	840003131551191						
SCENERY-VIEW MALINA-ET	USA 73286929					C	
SCENERY-VIEW MALLORY-ET	840003126786822			C		C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCENERY-VIEW MAPLE-ET	840003131551154						
SCENERY-VIEW MARBLE-ET	USA 70963694						
SCENERY-VIEW MARILYN-ET	USA 70963697						
SCENERY-VIEW MARIS-ET	USA 73286974						
SCENERY-VIEW MARKLE-ET	USA 73286958			C		C	
SCENERY-VIEW MARLEY-ET	USA 70963677						
SCENERY-VIEW MARSHA-ET	USA 70963684						
SCENERY-VIEW MARTHA MAE-ET	USA 69078842						
SCENERY-VIEW MARTHA-ET	USA 70963698						
SCENERY-VIEW MARTINA-ET	840003126786851			C			
SCENERY-VIEW MARY JO-ET	USA 73286962			C			
SCENERY-VIEW MAUDE-ET	USA 70963617						
SCENERY-VIEW MAXINE-ET	USA 70963695						
SCENERY-VIEW MAYA-ET	840003126786859			C		C	
SCENERY-VIEW MAYLING-ET	USA 73286976						
SCENERY-VIEW MAYMEE-ET	USA 73286923			C		C	
SCENERY-VIEW MAZEY-ET	USA 70963687						
SCENERY-VIEW MEG-ET	840003126786811			C		C	
SCENERY-VIEW MELODY-ET	840003126786826						
SCENERY-VIEW MIAMI-ET	USA 73286919			C			
SCENERY-VIEW MICALEEN-ET	840003131551157						
SCENERY-VIEW MILLY-ET	840003126786825			C			
SCENERY-VIEW MINERVA	USA 71845291						
SCENERY-VIEW MIRIAM-ET	USA 71845308						
SCENERY-VIEW MISSY-ET	840003126786818					C	
SCENERY-VIEW MITZI-ET	840003126786815			C			
SCENERY-VIEW MONTIE-ET	USA 70963680						
SCENERY-VIEW MOXY-ET	USA 71845310						
SCENERY-VIEW MUSIC-ET	840003126786810			C			
SCENERY-VIEW MYA-ET	USA 73286922					C	
SCENERY-VIEW SHAKE MARLI	USA 73286980						
SCENERY-VIEW SHAKES ERMA	USA 73286952						
SCENERY-VIEW SIL EVA-ET	840003131551224						
SCENERY-VIEW VINEETA-ET	USA 73286934						
SCENERY-VIEW VIXON-ET	USA 70963689					C	1
SCENERY-VIEW VODOO-ET	USA 73286932						
SCENERY-VIEW WIZ CAPE	USA 61492912						
SCENIC-CREST FREDDIE 7482	USA 71167397						
SCENIC-CREST PROPER 7564	USA 71807605						
SCENIC-CREST PROPER 7581	USA 71807622						
SCENIC-CREST RED-OAK 7593	USA 71807634						
SCENIC-CREST TRES 7512	USA 71807553						
SCENIC-EDGE D JANESA-RED-ET	USA 65954085						1
SCENIC-EDGE HR JULEP-RED-ET	USA 71730708						
SCENIC-EDGE MRB JOLYNN-RED	USA 65210170						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCENIC-EDGE RL SPICE-RED-ET	USA 65210216						
SCENIC-VISTA ANDRO SALLY H	USA 70627267						
SCENIC-VISTA ARDELS MYSTIC	USA 73416413						
SCENIC-VISTA BXTER CANDY	USA 70627268						
SCENIC-VISTA DETOX TRIX-RED	USA 70627311						3
SCENIC-VISTA DUKE ABIGAIL	USA 70627283						
SCENIC-VISTA GABINA RAE	840003132703016						
SCENIC-VISTA LOVELY RAE-ET	USA 73416435						
SCENIC-VISTA POETRY RAE-ET	USA 64787303						
SCENIC-VISTA PRINCESS RAE	USA 70627265						
SCENIC-VISTA PRONTO BLONDIE	USA 70627270						
SCENIC-VISTA SATIS SARIA-ET	USA 73416488						
SCENIC-VISTA SATISF SIRI-ET	USA 73416490						
SCENIC-VISTA SHIMMER RAE-ET	USA 66325449						
SCENIC-VISTA SHO PLASMA RAE	USA 70627281						
SCENIC-VISTA SHOSHONE ADENE	USA 70627274						
SCENIC-VISTA SHOSHONE JANE	USA 70627277						
SCENIC-VISTA SHOSHONE RAE	USA 70627272	C					3
SCH-GER AF VIVIAN-TW	USA 139429248						
SCH-SUNGLOW ALLISON-ET	USA 141645207						
SCH-SUNGLOW LAURIN DAWN-ET	USA 68963946						
SCHA-KETT ACME ENVIOUS-ET	840003131715043						1
SCHA-KETT ACME SAUNA	USA 141434005						1
SCHA-KETT DUSK GLAMOR-RED	USA 140920994						
SCHA-KETT GOLDWYN EMILY-ET	USA 66491422						
SCHA-KETT GOLDWYN ROBBIE-ET	USA 66398603						
SCHA-KETT PBL DANICA-RED-ET	USA 141064037						
SCHA-KETT TALENT DANA-ET	USA 64478720						1
SCHA-WAY HAVEN EMMA-RED	USA 140748934						
SCHA-WAY LHEROS ERIN-ET	USA 140921034						
SCHA-WAY-SF RMPG LUV-RED-ET	USA 138771409						1
SCHAAPMAN ALAN 3201-ET	USA 69938578						
SCHAAPMAN ALAN 3202-ET	USA 69938579						
SCHAAPMAN ALEA 4099-ET	USA 72705976						1
SCHAN-DALE GOLDWYN ADDY-ET	USA 142257892						1
SCHAUFINE AT MISTLETOE-ET	840003013735144						
SCHAUFINE ATWOOD RUBY-ET	840003129049450						
SCHAUFINE BEEMER POSH-ET	840003129049453						
SCHAUFINE BMR POINSETTIA-ET	840003129049452						
SCHAUFINE BXTER MONTREAL-ET	USA 65962025						
SCHAUFINE CANYON TARYN	USA 62688620						3
SCHAUFINE DAMION TINKER	USA 62688642						
SCHAUFINE DOLCE BABE	840003008700493						
SCHAUFINE DOLCE TINY-TW	840003008700494						
SCHAUFINE DOLCE TONI-TW	840003008700495						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHAUFINE DURHAM BEYONCE-ET	USA 61744239						
SCHAUFINE DURHAM ROSIE	USA 61744218						
SCHAUFINE FORBIDDEN MISTY	USA 61494487						
SCHAUFINE KINGBOY DUDE	840003129049459						
SCHAUFINE ROY BEYOND	840003002878743						
SCHAUFINE SANCHEZ RILEY-ET	840003008700479						
SCHAUFINE SANCHEZ RISE-ET	840003008700482						
SCHAUFINE SANCHEZ RONNIE-ET	840003008700485						
SCHAUFINE SANCHEZ RUSTIC-ET	840003008700480						
SCHAUFINE SANCHZ ROXANNE-ET	840003008700486						
SCHAUFINE SHOT MONA	840003011161432						
SCHAUFINE SUNRISE DIADEM	840003008700509						
SCHAUFINE SUNRISE INQUIRY	840003008700508						
SCHAUFINE TIME MARILYN	USA 69120327						
SCHAULANE LANCELOT BLOND-ET	USA 61975528						
SCHAULANE OUTSIDE BARBIE	USA 128775998		C				
SCHILLDALE ACME JUNE-ET	USA 72104645						1
SCHILLDALE BOLTON MOUSSE-ET	USA 64347835						
SCHILLDALE DURHAM BUTTERCUP	USA 131552872						
SCHILLDALE E BRIGID-ET	840003013713772						
SCHILLDALE EPIC BAILEY-ET	USA 71001441						
SCHILLDALE EPIC BLUEMOON-ET	USA 71001440						
SCHILLDALE EPIC BRONTE-ET	USA 71001442						
SCHILLDALE ESTEEM BLESSING	USA 69823941						
SCHILLDALE G BTRBISCUIT-ET	USA 71001409						1
SCHILLDALE G BUTTRFINGER-ET	USA 71001406						1
SCHILLDALE GLD BRILLIANT-ET	USA 71001434						1
SCHILLDALE GLDWYN BEAUTY-ET	USA 63137296						
SCHILLDALE GLDWYN BRENNA-ET	USA 62784040						
SCHILLDALE GOLD BEGONIA-ET	USA 71001428						1
SCHILLDALE GOLD BRIGHT-ET	USA 71001432						1
SCHILLDALE GOLD BRONWYN-ET	USA 71001426						1
SCHILLDALE GOLD BUTTRMNT-ET	USA 71001407						1
SCHILLDALE GOLD BUTTRUP-ET	USA 71001408						1
SCHILLDALE LMS WILMA-ET	USA 71001425						
SCHILLDALE NOMINEE BETTY-ET	840003013713793						
SCHILLDALE RACER BROWNIE	840003013713801						
SCHILLDALE SHOTGLS WANDA-ET	840003013713771						
SCHILLDALE SHOTTLE BELLE-ET	USA 68696625						
SCHILLDALE SHOTTLE HOPPER	USA 71001422						
SCHILLDALE SOCRATES BELLAMY	840003126318681						
SCHILLDALE SUPER BABE	USA 69823930						
SCHILLDALE SUPRSIR BLIZZARD	840003013713768						
SCHILLDALE UNO BAMBI-ET	USA 72104631						
SCHILLDALE UNO BESSIE-ET	USA 72104632						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLDALE UNO BRILYNN-ET	USA 71001450						
SCHILLDALE XPLODE BRYNNE-ET	USA 71001418						
SCHILLINWOOD MERIDIAN SMORE	USA 72104630			C			
SCHILLINWOOD MRDIAN MUFFIN	USA 72104628						
SCHILLINWOOD SILVER MOON	840003131608565			C			
SCHILLINWOOD SUP MORGAN-ET	USA 71895540						
SCHILLVIEW A GENELOPE-ET	USA 55642059						
SCHILLVIEW AIR GUITAR	USA 65271154						
SCHILLVIEW AIRLIFT GINGER	USA 72370026						
SCHILLVIEW ALCHEME SHOWBIRD	USA 56528087						1
SCHILLVIEW ARCHRIVAL LILIAN	840003134475318						
SCHILLVIEW ARMITAGE GLARE	USA 56528054				C		
SCHILLVIEW ARMSTEAD 3899-ET	USA 66069906						
SCHILLVIEW ARMSTEAD 3901-ET	USA 66069908						
SCHILLVIEW B GANDALYN-ET	USA 72370043				C		3
SCHILLVIEW B GENTLEA-ET	USA 72369970				C		
SCHILLVIEW B GENTLEY-ET	USA 72369969						3
SCHILLVIEW BAHAMAS GEN-ET	USA 72369966						
SCHILLVIEW BAHAMAS GRAPE-ET	USA 72369967						3
SCHILLVIEW BALISTO GERANIUM	840003126606502						
SCHILLVIEW BALISTO GIRLY	USA 72370025						
SCHILLVIEW BALISTO GRACIE	USA 72370045						
SCHILLVIEW BOASTFUL GINA-ET	840003129039163						
SCHILLVIEW BOLI GRETCHEN-ET	USA 52805798						
SCHILLVIEW BOLTON GABRIELLE	USA 53464381						
SCHILLVIEW BOMBERO GHADA	840003126606510						
SCHILLVIEW BOOKEM 5840	USA 74143039						
SCHILLVIEW BOOKEM 5862	USA 74143061						
SCHILLVIEW BOOKEM GILLETTE	840003126606505						
SCHILLVIEW BOWSER GEOLA	USA 56528020						
SCHILLVIEW BOWSER GLAMOR	USA 56528038						
SCHILLVIEW C GOLGINA-ET	USA 56291903					C	
SCHILLVIEW CASANO GOLDEN-ET	USA 56291901					C	
SCHILLVIEW CASSANO GAYLEEN	USA 56528061						
SCHILLVIEW CM SHIELA	USA 56528084						3
SCHILLVIEW COLBY GUSSY-ET	USA 53744685		C				1
SCHILLVIEW COLT-P GOLENA	USA 56528064					C	
SCHILLVIEW CRABTREE 5788	USA 73146915						
SCHILLVIEW CROWN GIZADA-ET	USA 56528063			C			1
SCHILLVIEW D GOLDLEA-ET	USA 56528036						
SCHILLVIEW DAVINCI GABI	840003126606517						
SCHILLVIEW DAY 5355-ET	USA 72391580						
SCHILLVIEW DAY 5356-ET	USA 72391581						
SCHILLVIEW DEAN GARLANDA	USA 56528095						
SCHILLVIEW DEAN GOBEA-TW	USA 72369953						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLVIEW DEAN GOLA-TW	USA 72369954						
SCHILLVIEW DELT SATURDAY-TW	840003129039167						
SCHILLVIEW DELTA GALI	840003129039159						
SCHILLVIEW DELTA GINGERSNAP	840003129039169						
SCHILLVIEW DELTA GRETEL	840003126606518						
SCHILLVIEW DELTA GRISELDA	840003134475329						
SCHILLVIEW DELTA GULARA	840003129039161						
SCHILLVIEW DELTA SUNDAY-TW	840003129039168						
SCHILLVIEW DIGI GRIZMA-ET	USA 55642029						
SCHILLVIEW DIGITAL 3853-ET	USA 66069860						
SCHILLVIEW DIGITAL 3883-ET	USA 66069890						
SCHILLVIEW DIGITAL 3884-ET	USA 66069891						
SCHILLVIEW DOMAIN GALLY	USA 56528031						1
SCHILLVIEW DORCY GIFFY	USA 56528024						
SCHILLVIEW DORCY GWENDE	USA 56528019						
SCHILLVIEW DUCATI GIPPY	USA 72370027	C					
SCHILLVIEW EARNIT GRETCHEN	USA 72370044						1
SCHILLVIEW EMERALD GABBIN	USA 56528076	C					
SCHILLVIEW EMERALD GIPSY	USA 56528071	C					
SCHILLVIEW EPIC 5092-ET	USA 71182391						
SCHILLVIEW EPIC GANA-ET	USA 56528083						
SCHILLVIEW EPIC GLANDUS-ET	USA 56528086						
SCHILLVIEW FREDDIE GOLD	USA 69402349						
SCHILLVIEW G GILBERTA	840003126606512						
SCHILLVIEW GALLON GIFFY-TW	840003129039166	C					
SCHILLVIEW GALLON GINELIE	840003129039165			C			
SCHILLVIEW GARRETT GENA	840003129039158						
SCHILLVIEW GC GALISTA	USA 56528091						1
SCHILLVIEW GERARD GANDICE	USA 56528007						
SCHILLVIEW GERARD GENISE	USA 56528012						
SCHILLVIEW GERARD GLENDA	840003126606503						
SCHILLVIEW GIZELLA	USA 56438540						
SCHILLVIEW GOLD C GOLDYLOX	USA 56528074						
SCHILLVIEW GOLDCHIP 5216-ET	USA 71844034						
SCHILLVIEW GOLDCHIP 5222-ET	USA 71844040						
SCHILLVIEW GOLDCHIP 5231-ET	USA 71844049						
SCHILLVIEW GOLDCHIP 5263-ET	USA 71844081						
SCHILLVIEW GOLDCHIP 5272-ET	USA 71844090						
SCHILLVIEW GOLDCHIP 5281-ET	USA 71844099						
SCHILLVIEW GOLDCHIP 5283-ET	USA 71844101						
SCHILLVIEW GOLDCHIP 5285-ET	USA 71844103						
SCHILLVIEW GONZO GENOBEE	USA 56528065						
SCHILLVIEW GRUNT GAYNOR	840003129039173						
SCHILLVIEW GUNGHOE BEVERLY	840003129039155						1
SCHILLVIEW HALOGEN GELASIA	840003126606501						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLVIEW HALOGEN GELSEY	840003126606499						3
SCHILLVIEW HALOGEN GLORIA	USA 72370046						
SCHILLVIEW IOTA GWEN	USA 56528018					C	
SCHILLVIEW IOTA MINDY	USA 56528021						
SCHILLVIEW J GLAMINDA-ET	USA 56291918						
SCHILLVIEW J GLAMORA-ET	USA 53744655						
SCHILLVIEW J GODELLA-ET	USA 55642087					C	
SCHILLVIEW J GRETCHA-ET	USA 55642062						
SCHILLVIEW J GRINDEL-ET	USA 55642060						
SCHILLVIEW JEEVES GABBIN-ET	USA 56291913						
SCHILLVIEW JEEVES GADGET-ET	USA 56291909						
SCHILLVIEW JEEVES GIDGET-ET	USA 56291908						
SCHILLVIEW JEEVES GOLA-ET	USA 55642089					C	
SCHILLVIEW JET GRACELY-ET	USA 53464349						
SCHILLVIEW JET STREAM GOOSE	USA 52861286						
SCHILLVIEW JIVES GEM	USA 56528046						
SCHILLVIEW K GENOLIS-ET	USA 56528048			C			
SCHILLVIEW KB GARNET-ET	840003126606511						
SCHILLVIEW KINGBOY GILI-ET	840003129039152						
SCHILLVIEW KINGBOY GYPSY-ET	840003134475319						
SCHILLVIEW KNB GENISTA-ET	840003126606513						
SCHILLVIEW KNG GINGER-ET	840003126606515						
SCHILLVIEW KRAMER GYUNA	USA 56528060						
SCHILLVIEW L KING GENNIFER	840003126606498						
SCHILLVIEW LARGE GWENDOLYN	840003129039164				C		
SCHILLVIEW LARSON SHINER	USA 56528049	C	C				4
SCHILLVIEW LARSON STARFIRE	USA 56528062						4
SCHILLVIEW LT GALA-ET	840003126606520						
SCHILLVIEW LT GARGI-ET	840003126606521						
SCHILLVIEW M-O-M GENALLY-ET	USA 56291940						
SCHILLVIEW M-O-M GENOLA-ET	USA 56291941						
SCHILLVIEW M-O-M GHANNA-ET	USA 56291937						
SCHILLVIEW MACHO GENTLE-ET	USA 52344884						
SCHILLVIEW MASSE G-BABY-ET	USA 72369984						
SCHILLVIEW MASSEY 5428-ET	USA 72391653						
SCHILLVIEW MASSEY 5433-ET	USA 72391658						
SCHILLVIEW MASSEY GENNA-ET	USA 72369978						
SCHILLVIEW MASSEY GIZABEL	USA 72369960						
SCHILLVIEW MASSEY GOLDRING	USA 72369973						
SCHILLVIEW MCCUT GENORIE-ET	USA 72369975						
SCHILLVIEW MCCUT GEORGIE-ET	USA 72369977						
SCHILLVIEW MCCUTCHR GERSHEY	USA 72369961						
SCHILLVIEW MEGASIRE MEGAN	840003129039154						
SCHILLVIEW MILLION GOLDUST	USA 56291914						
SCHILLVIEW MOGUL 5617	USA 73146744						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLVIEW MOGUL GARIANNA	USA 72369948						
SCHILLVIEW MOGUL GLYNIS	840003126606504						
SCHILLVIEW MOM GENICKABEE	USA 56291936						
SCHILLVIEW MONTEREY GLENDA	840003129039162						
SCHILLVIEW MORPHOUS 4618-TW	USA 70075970						
SCHILLVIEW MORPHOUS 4619-TW	USA 70075971						
SCHILLVIEW MR BURNS 3739-ET	USA 66069746						3
SCHILLVIEW MR BURNS 3745-ET	USA 66069752						3
SCHILLVIEW MR BURNS 3754-ET	USA 66069761						3
SCHILLVIEW MR BURNS 3758-ET	USA 66069765						3
SCHILLVIEW MRMUDD GLITTER	USA 56291995			C			
SCHILLVIEW NUM UNO GLAMORIS	USA 72369949						
SCHILLVIEW NUMBER 1 GIZ-ET	USA 56528073						
SCHILLVIEW NUMERO UN GLITZA	USA 72369950						
SCHILLVIEW OAK GANDANNA	USA 72370023						
SCHILLVIEW OAK GAPPA	USA 72370008						
SCHILLVIEW OHARE GENETTE	840003126606497			C			
SCHILLVIEW OHARE GILANA	840003126606500						
SCHILLVIEW OLYMPIAN LIA-RED	840003126606508						
SCHILLVIEW OSTYLE GANDRA-ET	USA 56528070						
SCHILLVIEW OSTYLE GANDY-ET	USA 56528068						
SCHILLVIEW OSTYLE GANORA-ET	USA 56528069			C			
SCHILLVIEW P GENITA	USA 72370007						
SCHILLVIEW P GREENBACK-ET	USA 55642037					C	
SCHILLVIEW PAGEWIRE 3850-ET	USA 66069857						
SCHILLVIEW PLANET 3935-ET	USA 66069942						
SCHILLVIEW PLANET GANDA-ET	USA 55642034						
SCHILLVIEW PLANET GEMOTA	USA 56291929	C					
SCHILLVIEW PLANET GERSHA-ET	USA 55642053						
SCHILLVIEW PLANET GLANNA-ET	USA 55642068						
SCHILLVIEW PLANET GLEA-ET	USA 55642082						
SCHILLVIEW PLANET GOBEA-ET	USA 55642035					C	
SCHILLVIEW PLANET GOLENA	USA 56291912						
SCHILLVIEW PRE FLOWER-TW	USA 72370037						
SCHILLVIEW PRE FRANCIS-TW	USA 72370038						
SCHILLVIEW PRE GENOLLY	USA 72370014						
SCHILLVIEW PRE GLADEE	USA 72370036						
SCHILLVIEW PRE GLAMBER	USA 72370029				C		3
SCHILLVIEW PREDEST GWYNETH	USA 72369999					C	
SCHILLVIEW PREDISTIN GARLA	USA 72370002						3
SCHILLVIEW PROFIT GLITZ	840003134475325						
SCHILLVIEW PROFIT GOLDIE	840003134475328						
SCHILLVIEW R GAMANDA-ET	USA 53744691				C		
SCHILLVIEW R GLAMIE-ET	USA 53744689				C		
SCHILLVIEW RACER GANESA	840003126606506						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLVIEW RACER GENJI	840003129039153						
SCHILLVIEW RUBICON GALAXY	840003126606509						
SCHILLVIEW RUBICON GENIE	840003126606514						
SCHILLVIEW S GENICKERY-ET	USA 56528037						3
SCHILLVIEW S GOLDYLOX-ET	USA 52861205						
SCHILLVIEW S GWENDA-ET	USA 55642078						
SCHILLVIEW S GWENNA-ET	USA 55642076					C	
SCHILLVIEW S-SHOT GLENNA-ET	840003129039176						
SCHILLVIEW S-SHOT GLORA-ET	840003129039174						
SCHILLVIEW SANDY GLISTA	USA 55642070						
SCHILLVIEW SHOTTLE BEA-ET	USA 55642057					C	
SCHILLVIEW SHOTTLE GLASHMA	USA 52861290						
SCHILLVIEW SHOTTLE GOLDY-ET	USA 52861204					C	
SCHILLVIEW SILVER GALYA	840003129039170						
SCHILLVIEW SILVER GARDENIA	840003129039172						
SCHILLVIEW SILVER GENEVA	840003129039160						
SCHILLVIEW SILVER GLANCE-ET	840003129039156						
SCHILLVIEW SILVER GLORIA	840003129039171						
SCHILLVIEW SILVER GRACE-ET	840003129039157						
SCHILLVIEW SPARK GADAR	840003134475324						1
SCHILLVIEW SPARK GLENNIS	840003134475323						
SCHILLVIEW SPARK SPICE-TW	840003134475321						
SCHILLVIEW SPARK SUGAR-TW	840003134475320						
SCHILLVIEW SPRING GAYLENE	840003134475322						
SCHILLVIEW SPRING GEDALA	840003134475327						
SCHILLVIEW SPRING GENESIA	840003129039175						
SCHILLVIEW SROCK SPARROW-ET	USA 56528039						1
SCHILLVIEW SS GIZELLA-ET	USA 56528096						
SCHILLVIEW SS GLOW-ET	840003126606519						
SCHILLVIEW SS GOLDEN-ET	USA 72370033						
SCHILLVIEW SS GRENADA-ET	USA 72370018						
SCHILLVIEW SUPERSIRE 5314	USA 71844132						
SCHILLVIEW SUPERSIRE 6042	USA 74143241						
SCHILLVIEW SUPERSIRE GIFANN	USA 72369955						
SCHILLVIEW SUPERSIRE GIGI	USA 72369956						
SCHILLVIEW SUPERSONIC GEONA	USA 56528088						
SCHILLVIEW TANGO GAYLEE	USA 72370031						
SCHILLVIEW TANGO GENELDA-ET	USA 72369997		C				
SCHILLVIEW TANGO GENESIS-ET	USA 72370019		C				
SCHILLVIEW TANGO GENNY-ET	USA 72370005						
SCHILLVIEW TANGO GLANCER	USA 72370039						
SCHILLVIEW THRONE GREATLA	USA 53464318	C					
SCHILLVIEW TOY GALICE-ET	USA 52861297						
SCHILLVIEW UNO GAVRILA	840003134475326						
SCHILLVIEW UNO GEOLIVE	840003126606507						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHILLVIEW UNO GEORGINA	840003126606516						
SCHILLVIEW UNO GLAMAY	USA 56528097						
SCHLIM-CHANCE STRWR YODA-ET	USA 142564772						
SCHLUTER ANGIE LEE-ET	840003134166782						3
SCHLUTER AR MELAYNA-ET	840003134166785						
SCHLUTER ARCHRIVAL MANDY-ET	840003134166794						
SCHLUTER ATWOOD DARLA-ET	840003134166791						
SCHLUTER BRADNICK DAWN	USA 69704150						3
SCHLUTER BRADNIK GALAXY-ET	USA 142074916						
SCHLUTER BRADNIK GIGGLES-ET	USA 142074868						
SCHLUTER BROKAW GEMSTONE	USA 142074662						
SCHLUTER DURA PLAYMATE	USA 142715860		C				3
SCHLUTER GC ECLIPSE-ET	USA 142172203						
SCHLUTER GC ENDEAVOR-ET	USA 142172191						
SCHLUTER GC EVOLUTION-ET	USA 142172212						
SCHLUTER GC GEMINI-ET	USA 142074877						
SCHLUTER GOLDCHIP AKSANA-ET	USA 142029493						
SCHLUTER GOLDCHIP ASPEN-ET	USA 142029457						
SCHLUTER GOLDCHIP ASPIRE-ET	USA 142029484						
SCHLUTER LUCY RAE-ET	840003125201739						
SCHLUTER SABRINA LEE-RED-ET	840003134166818						
SCHLUTER SADIE LEE-RED-ET	840003132004967						
SCHLUTER SAMMIE LEE-RED-ET	840003134166819						
SCHLUTER SANCHEZ DARCY-ET	USA 141012861		C				
SCHLUTER SANCHEZ ERICA-ET	USA 140469017						
SCHLUTER SAVANAH LEE-RED-ET	840003132004965						3
SCHLUTER SCARLET LEE-RED-ET	840003134166817						
SCHLUTER SHELBY LEE-RED-ET	840003134166816						
SCHLUTER SISSY LEE-RED-ET	840003132004959						3
SCHLUTER STELLA LEE-RED-ET	840003132004964						
SCHLUTER SYBIL LEE-RED-ET	840003134166790						3
SCHMITY ABRAHAM 803	USA 70525421						
SCHMITY ABRAHAM 830-ET	USA 70525448					C	
SCHMITY AIRNET 877	USA 71918681						
SCHMITY AIRNET 898	USA 71918702						
SCHMITY AIRNET CHER 853-ET	USA 71918657						
SCHMITY AIRNET CHERI 851-ET	USA 71918655						
SCHMITY BALISTO 1043	840003126256510						
SCHMITY BALTIMORE 896	USA 71918700					C	
SCHMITY BETTMAN 1023	840003126256490						
SCHMITY BIG BANG 865	USA 71918669			C			
SCHMITY BIG BANG 872-ET	USA 71918676			C			
SCHMITY BIG BANG 873-ET	USA 71918677						
SCHMITY BIG BANG 883	USA 71918687			C			
SCHMITY BOMBERO 1024	840003126256491						

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SCHMITY BOMBERO 1028	840003126256495						
SCHMITY BOMBERO 1030	840003126256497						
SCHMITY BOMBERO 1039	840003126256506						
SCHMITY BOMBERO 1040	840003126256507						3
SCHMITY BOMBERO 1041	840003126256508						
SCHMITY BOMBERO 1046	840003126256513						
SCHMITY BOMBERO 1056	840003131022652						
SCHMITY BOMBERO 1057-ET	840003131022653						
SCHMITY BOOKEM 770	USA 70525388						
SCHMITY BOOKEM 778	USA 70525396						
SCHMITY BOWSER 757	USA 70525375						
SCHMITY BOYOBOY 858	USA 71918662						
SCHMITY BOYOBOY BAYE 837-TW	USA 70525455	C					
SCHMITY BRETT 763	USA 70525381						
SCHMITY CALLISTO NAUSEOUS	USA 69671847						
SCHMITY CAPT GAIN 1061-ET	840003131022657						
SCHMITY CASHCOIN 965	USA 72895820						1
SCHMITY CASHCOIN 966	USA 72895821					C	
SCHMITY CAVANA PHILIPS	USA 69671799						
SCHMITY CLARK 764	USA 70525382						
SCHMITY CLARK 765	USA 70525383			C			
SCHMITY CLARK 767	USA 70525385						
SCHMITY CLARK 774	USA 70525392						
SCHMITY COLT P 902-TW	USA 72542589						
SCHMITY COLT P 903-TW	USA 72542590						
SCHMITY DAY 929	USA 72542616						
SCHMITY DENARD 789	USA 70525407						
SCHMITY DENIM 812-ET	USA 70525430						
SCHMITY DENIM 813-ET	USA 70525431						
SCHMITY DENIM 814-ET	USA 70525432						
SCHMITY DENIM 815-ET	USA 70525433						
SCHMITY DENIM 818-ET	USA 70525436						
SCHMITY DENVER 1064-ET	840003131022660			C			
SCHMITY DENVER 1066-ET	840003131022662						
SCHMITY DENVER 1067-ET	840003131022663						
SCHMITY DETERMIN 935	USA 72542622						
SCHMITY DETERMIN 991	USA 72895846						
SCHMITY DIAMOND 938-ET	USA 72542625			C			
SCHMITY DIAMOND 941-ET	USA 72542628						
SCHMITY DIAMOND 945-ET	USA 72542632			C		C	
SCHMITY DIAMOND 950	USA 72895805			C		C	
SCHMITY ECOYNE ISY 871	USA 71918675						
SCHMITY ELOQUENT 981	USA 72895836						
SCHMITY ELOQUENT 984	USA 72895839						
SCHMITY EMULATE 1001	840003126256468						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHMITY FLYN 969	USA 72895824						
SCHMITY FRANZ 811	USA 70525429						
SCHMITY G W ATWOOD 1045	840003126256512						
SCHMITY G W ATWOOD 1062-ET	840003131022658						
SCHMITY G W ATWOOD 1063	840003131022659						
SCHMITY GOLD CHIP 799-ET	USA 70525417						
SCHMITY GOLDCHIP 806	USA 70525424						
SCHMITY GOLDCHIP 810-ET	USA 70525428						
SCHMITY GRAFEETI 852	USA 71918656						1
SCHMITY GRAFEETI 882	USA 71918686						
SCHMITY GRAFEETI 891	USA 71918695						3
SCHMITY GRAFEETI 893	USA 71918697						
SCHMITY GRAFEETI 894	USA 71918698						
SCHMITY GRAFEETI 895	USA 71918699						
SCHMITY GRAFEETI 905	USA 72542592						1
SCHMITY GRAFEETI 908	USA 72542595						1
SCHMITY GRAFEETI 912	USA 72542599						3
SCHMITY HIGHWAY 890	USA 71918694						
SCHMITY JABIR 973	USA 72895828						
SCHMITY JABIR 985	USA 72895840						
SCHMITY JABIR 998	USA 72895853						
SCHMITY JACEY 999	USA 72895854						
SCHMITY JAKE 968	USA 72895823						
SCHMITY JEROD 976	USA 72895831						
SCHMITY JETSET 735-ET	840003013279024						
SCHMITY JETSET 951-ET	USA 72895806						
SCHMITY JETSET 963-ET	USA 72895818						
SCHMITY JETSET 964-ET	USA 72895819						
SCHMITY JETSET BASEBALL-ET	840003013279027						
SCHMITY JITTERBUG 1005	840003126256472						
SCHMITY JITTERBUG 1010-TW	840003126256477						
SCHMITY JITTERBUG 1011-TW	840003126256478						
SCHMITY JIVES 800	USA 70525418						
SCHMITY JOSUPER 1044-ET	840003126256511						
SCHMITY JOSUPER 1047-ET	840003126256514						
SCHMITY JOSUPER 1048-ET	840003126256515						
SCHMITY JOSUPER 1050-ET	840003131022646						
SCHMITY JOSUPER 1051-ET	840003131022647						
SCHMITY JOSUPER 1052-ET	840003131022648						
SCHMITY JOSUPER 1053-ET	840003131022649						
SCHMITY KRISTOFF 913	USA 72542600						
SCHMITY KRISTOFF 914	USA 72542601						
SCHMITY KRUNCH 932-ET	USA 72542619						
SCHMITY KRUNCH 946-ET	USA 72542633					C	
SCHMITY KRUNCH 955-ET	USA 72895810						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHMITY KRUNCH 956-ET	USA 72895811						
SCHMITY KRUNCH 957-ET	USA 72895812						
SCHMITY KRUNCH 958-ET	USA 72895813						
SCHMITY KRUNCH 959-ET	USA 72895814						
SCHMITY KRUNCH 960-ET	USA 72895815						
SCHMITY LARGE 834	USA 70525452						
SCHMITY LATIMER 944-ET	USA 72542631						1
SCHMITY LITHIUM 923	USA 72542610						
SCHMITY LOGAN NINA-ET	USA 69671856			C			
SCHMITY MACK 978-ET	USA 72895833			C			
SCHMITY MACK 979-ET	USA 72895834						
SCHMITY MACK 983-ET	USA 72895838						
SCHMITY MASSEY ENCORE	USA 69671857						
SCHMITY MAURICE 879-TW	USA 71918683						
SCHMITY MAURICE 880-TW	USA 71918684						
SCHMITY MAURICE 892	USA 71918696						
SCHMITY MAURICE 897-ET	USA 71918701						
SCHMITY MAURICE 909	USA 72542596						
SCHMITY MAURICE 916	USA 72542603						
SCHMITY MCCUTCHEN 886-TW	USA 71918690						
SCHMITY MCCUTCHEN 887-TW	USA 71918691						
SCHMITY MILO 785	USA 70525403						
SCHMITY MINTMAKER 862	USA 71918666						
SCHMITY MINTMAKER 866	USA 71918670						
SCHMITY MINTMAKER 868	USA 71918672						
SCHMITY MOGUL 874	USA 71918678						
SCHMITY MOGUL 925	USA 72542612						
SCHMITY MOGUL 927	USA 72542614						
SCHMITY MOGUL 943	USA 72542630	C					
SCHMITY MOGUL 948-TW	USA 72542635						
SCHMITY MOGUL 962	USA 72895817						
SCHMITY MONARCH 940-ET	USA 72542627						
SCHMITY MUSCADET 1065	840003131022661						
SCHMITY NEWMAN NASTY	USA 69671844						
SCHMITY NOMINEE 1003	840003126256470						
SCHMITY NOMINEE 1007	840003126256474						1
SCHMITY OAK 954-ET	USA 72895809						
SCHMITY PARTYROCK 994	USA 72895849						
SCHMITY PAUL FRANCIS 855	USA 71918659						
SCHMITY PERRY 829-ET	USA 70525447						
SCHMITY PERRY 832-ET	USA 70525450						
SCHMITY PERRY 833-ET	USA 70525451						
SCHMITY PERRY BAMBI 835-ET	USA 70525453			C			
SCHMITY PET CRISTINA 864-ET	USA 71918668						
SCHMITY PETRO CRISTI 863-ET	USA 71918667						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHMITY PETRONE 867	USA 71918671						
SCHMITY PETRONE 922	USA 72542609						
SCHMITY PETRONE CRIS 859-ET	USA 71918663						
SCHMITY PETRONE DORA 861	USA 71918665			C		C	
SCHMITY PHIPPS 920	USA 72542607						
SCHMITY PLAN 794	USA 70525412						
SCHMITY PLAN 802-ET	USA 70525420					C	
SCHMITY PREDESTINE 961	USA 72895816						3
SCHMITY PREDESTINE 975	USA 72895830						3
SCHMITY PREDESTINE 990	USA 72895845						
SCHMITY PRESIDENT 1031	840003126256498						
SCHMITY PRESIDENT 1035	840003126256502						
SCHMITY PRESIDENT 1036	840003126256503			C			
SCHMITY PULSAR 1055	840003131022651						
SCHMITY PURE 1032	840003126256499						
SCHMITY RACER 1014	840003126256481						
SCHMITY RACER 1027	840003126256494						
SCHMITY ROBUST 850	USA 71918654						
SCHMITY SALVINO 1026	840003126256493						
SCHMITY SANTINO 936	USA 72542623						
SCHMITY SATCHEL P 915	USA 72542602						
SCHMITY SATCHEL P 921	USA 72542608						
SCHMITY SATCHEL P 953	USA 72895808						
SCHMITY SATCHEL P 977	USA 72895832						
SCHMITY SHAKESPEARE 1017	840003126256484						
SCHMITY SHAKESPEARE 1020	840003126256487						
SCHMITY SHAKESPEARE 988-TW	USA 72895843			C			
SCHMITY SHAKESPEARE 989-TW	USA 72895844						
SCHMITY SHAMROCK 795-ET	USA 70525413						
SCHMITY SHAMROCK 804-ET	USA 70525422						
SCHMITY SHAMROCK 807-ET	USA 70525425						
SCHMITY SHAMROCK 808	USA 70525426						
SCHMITY SHAMROCK 809-ET	USA 70525427						
SCHMITY SHAN 917-ET	USA 72542604						
SCHMITY SHAN 919-ET	USA 72542606						
SCHMITY SHAN 942	USA 72542629						
SCHMITY SHOTGLASS 970	USA 72895825						
SCHMITY SHOWDOWN 930-RED	USA 72542617						1
SCHMITY SHOWDOWN 980	USA 72895835						
SCHMITY SKYMONT 1008	840003126256475						
SCHMITY SKYMONT 1009	840003126256476						
SCHMITY SKYMONT 1015-TW	840003126256482		C				
SCHMITY SKYMONT 1016-TW	840003126256483						
SCHMITY SOBIESKI 817	USA 70525435						
SCHMITY SUPER TAMMY	USA 69671842						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHMITY SUPERSIRE 1006-TW	840003126256473						
SCHMITY SUPERSIRE 1019	840003126256486						
SCHMITY SUPERSIRE 993	USA 72895848						
SCHMITY SYMPATICO 1033	840003126256500	C					
SCHMITY VAL 931	USA 72542618						
SCHMITY-ROKEY LASER MARGRET	USA 142355086						1
SCHNAPSBERG SANCHZ GUMBY-ET	USA 64886346						
SCHNAPSBERG WIND & RAIN-ET	USA 71894726						
SCHOENE KUH APRIL SNOW-ET	USA 72531543						
SCHOENE KUH B DELILAH-RED	USA 143290467						
SCHOENE KUH CRIMSON-RED-ET	USA 72531619						
SCHOENE KUH JOSUPER HEIDI	USA 143309051						
SCHOENE KUH S SHASTA	USA 143075808						
SCHOENE KUH SD EBONY 491-ET	USA 72531616						1
SCHOENE KUH SD OLIVE 488-ET	USA 72531613						1
SCHOENE KUH SD OPAL 489-ET	USA 72531614						
SCHOENE KUH SHW OREO 452-ET	USA 72531577						
SCHOENE KUH TAGALONG-RED	USA 143464169						
SCHOENE-KUH ADELADE-P-RED	USA 143075778						
SCHOENE-KUH ARIEL-RED	USA 143528632						
SCHOENE-KUH B FELICITY	USA 143499790						
SCHOENE-KUH BOMBERO HASHTAG	USA 143422990						1
SCHOENE-KUH C LUNA P-RED	USA 143692577						
SCHOENE-KUH C MERIDA-ET	USA 143634326						
SCHOENE-KUH C ODEL P-RED	USA 143692568						
SCHOENE-KUH C SORCERESS	USA 143683647						
SCHOENE-KUH CARLIE-RED	USA 143499772						
SCHOENE-KUH CARNATION-RED	USA 143588997						
SCHOENE-KUH CASUAL MILEY-ET	USA 143576185						
SCHOENE-KUH CASUAL MOLLY-ET	USA 143683946						
SCHOENE-KUH D ALEXIS-RED	USA 143075796						
SCHOENE-KUH DIAMOND MELONY	USA 143201531					C	
SCHOENE-KUH DIENER FAYE	USA 143075787						
SCHOENE-KUH DORA	USA 143268978						
SCHOENE-KUH DUAL RUBY-RED	USA 143182324						
SCHOENE-KUH EARNHDT MATILDA	USA 142756748						
SCHOENE-KUH KASKASKIA	USA 143201522			C			
SCHOENE-KUH LITTLETON MAE	USA 143528687						
SCHOENE-KUH MALEFICENT-ET	USA 143637169						
SCHOENE-KUH MILL VAL NIL-ET	USA 143576176						
SCHOENE-KUH OCTAVIA-RED	USA 143528669						
SCHOENE-KUH OMEGA THETA	USA 143075769						
SCHOENE-KUH S ODETTE-RED	USA 142758272						
SCHOENE-KUH SIENNA-TW	USA 143369772						
SCHOENE-KUH SIERRA-TW	USA 143369763						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHOENE-KUH SNOW WHITE	USA 142670112			C			
SCHOENE-KUH VALENTNE SWEETS	USA 142706819						
SCHOO-DAILEY ALXANDER LILAH	USA 72166944					C	
SCHOO-DAILEY ALXNDR FORTUNE	USA 74141020						1
SCHOO-DAILEY ARMN BLACKLACE	USA 74522925					C	
SCHOO-DAILEY BRDNICK AVION	USA 74407565						
SCHOO-DAILEY FAMOUS DURBIN	USA 75387158						
SCHOO-DAILEY SID LILLY	USA 74927914					C	
SCHOON DAMION LARK	USA 139130968						
SCHREIBER-ACRES KLT PETUNIA	USA 70085999						
SCHREIBERDALE BACCAT BETTY	USA 71853685						
SCHREIBERDALE BERT TREENA	USA 72391405						
SCHREIBERDALE BRETT GRETA	USA 71853614		C				
SCHREIBERDALE BURTZE 1088	USA 71853711						
SCHREIBERDALE CAM SUNSHINE	USA 71853624						
SCHREIBERDALE CAM VIOLA	USA 71853615						
SCHREIBERDALE FACE DOGGIE	USA 74228421						
SCHREIBERDALE FACE GOODY-ET	USA 74228396						
SCHREIBERDALE JABIR NANETTE	USA 73620329						
SCHREIBERDALE JETSET SUNSET	USA 73620337						
SCHREIBERDALE JETT AIR GWEN	USA 70792635						
SCHREIBERDALE LARGE DELIGHT	USA 71853656						
SCHREIBERDALE LOU LESLIE	USA 62322329						
SCHREIBERDALE MACK GAY-ET	USA 73620362						
SCHREIBERDALE MACK GLEE-ET	USA 73620361						
SCHREIBERDALE MACK ROSA	USA 73620370			C			
SCHREIBERDALE MANIFOLD DEBI	USA 71412516						
SCHREIBERDALE MANIFOLD GIA	USA 70792579						
SCHREIBERDALE MANIFOLD JUST	USA 71853667						
SCHREIBERDALE MAYFLW BEAUTY	USA 73620317						
SCHREIBERDALE MCCUT DIXIE	840003130625270						
SCHREIBERDALE MCCUT NOLITA	USA 72391369						
SCHREIBERDALE MERCH DIXIE	USA 74228414			C			
SCHREIBERDALE MOGUL AZALIA	840003130625251						
SCHREIBERDALE MOGUL DARLA	USA 73208581						
SCHREIBERDALE MOGUL DIXIE	USA 72391260						
SCHREIBERDALE MOGUL LIANNE	USA 71853743						
SCHREIBERDALE MOGUL MARY	USA 74228450						
SCHREIBERDALE MOGUL VALERIA	USA 73620326						
SCHREIBERDALE MONT DIONA-ET	840003130625304						
SCHREIBERDALE MONT DIONE-ET	840003130625301						
SCHREIBERDALE MONTRS DENICE	USA 74228455						
SCHREIBERDALE MONTRS DONNA	USA 74228437						
SCHREIBERDALE OSMOND DEBIE	USA 70353142						
SCHREIBERDALE PLANET BETH	USA 71412643						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHREIBERDALE PULSAR GIGI	840003130625264						
SCHREIBERDALE PURE CHLOE	USA 74228464						
SCHREIBERDALE PURE CORINNA	840003130625310						
SCHREIBERDALE SPMT GRACE-ET	USA 68652766		C				
SCHREIBERDALE SR MS GINA-ET	USA 74228406		C				
SCHREIBERDALE SSONIC VIOLA	USA 74228389						
SCHREIBERDALE SUPER BEE	USA 74228456						
SCHREIBERDALE SUPER DALLAS	USA 73620381						
SCHREIBERDALE SUPER GALE	USA 72391401						
SCHREIBERDALE SUPER GAY-ET	USA 74228404		C				
SCHREIBERDALE SUPER GEORGIA	USA 72391408						
SCHREIBERDALE SUPER GINA	USA 73620311						
SCHREIBERDALE YODER DEE-ET	840003130625347						
SCHREIBERDALE YODER NANCY	840003130625289						
SCHREIBERDALE YODER REYNA	840003130625307			C			
SCHREUR REDHOT JANNA	NLD 883944017						
SCHREUR REDHOT JANNA 2	NLD 883944226						
SCHROLAND DORCY FLARE	USA 55593197						
SCHROLAND DOVER FRANKIE	840003012115630						
SCHROLAND FREDDIE FREDA	USA 55593200						
SCHROLAND GENOMICS PETULA	840003012115629						
SCHROLAND GERARD PEONY	USA 57187579						
SCHROLAND INGENIOUS FIONA	840003012115626						
SCHROLAND INGENIOUS FLOW	840003012115628						
SCHROLAND JAMMER POSRY	USA 51870859						
SCHROLAND PETRONE PERSIMMON	840003012115631						
SCHROLAND SUDAN PINEAPPLE	USA 57187598						
SCHROLAND YANO PARIS	USA 58597276			C			
SCHUG BOOKEM SMILEY	USA 71593816					C	
SCHUG COLT P WALNUT-RED-ET	USA 71593830						
SCHUG COLT P WHEN-RED-ET	USA 71593821						
SCHUG COLT P WHERE-RED-ET	USA 71593820						
SCHUG COLT P WHO-RED-ET	USA 71593829						
SCHUG COLT P WYOMIE-RED-ET	USA 71593831						
SCHUG MCCUTCHEN WYNN	USA 71593839						
SCHUG PAXTON WEBBLE-RED-TW	USA 72621790						
SCHUG PAXTON WOBBLE-RED-TW	USA 72621791						
SCHUG PERSIA WHAT4-RED	USA 136945525						
SCHUG PLATTE WY-P-RED-TW	USA 141232630						
SCHUG PLTE WYNOT-P-RED-TW	USA 141232582						
SCHUG PRINCE WHATNEXT-RED	USA 72621789						1
SCHUG REALTY WHATSUP-RED-ET	USA 140569623						
SCHUGS ALLEGRO JANGLE	USA 139532126						
SCHUGS MILLION SIMIE-ET	USA 141238757						
SCHUGS TDT LOTINA	USA 137247554						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHULARWOOD 594	USA 55541293						
SCHULARWOOD ADMIRAL 743	USA 71177913						1
SCHULARWOOD ADMIRAL 744	USA 71177914	C					1
SCHULARWOOD AIRLIFT 888-ET	840003124065140	C					
SCHULARWOOD AIRLIFT 890-ET	840003124065142	C					
SCHULARWOOD AL 782	USA 72140240						
SCHULARWOOD ALCHEMY 810	USA 72808274						1
SCHULARWOOD ALCHEMY 925	840003124065177						
SCHULARWOOD AMERY 741	USA 71177911						
SCHULARWOOD ARBOR 727	USA 71177897						
SCHULARWOOD ARISTOTLE 751	USA 72140209					C	
SCHULARWOOD ATLANTIS 704	USA 71177874						
SCHULARWOOD ATLANTIS 710	USA 71177880						
SCHULARWOOD BOWMAN 857	840003124065109						
SCHULARWOOD BRETT 732	USA 71177902						
SCHULARWOOD BUTZE 718	USA 71177888						
SCHULARWOOD BUTZE 723	USA 71177893						
SCHULARWOOD CADDY 697	USA 55829784						3
SCHULARWOOD CADDY 703	USA 71177873			C			
SCHULARWOOD CHARLIE 726	USA 71177896						
SCHULARWOOD CLARK 696	USA 55829783						
SCHULARWOOD DCTI FRANCES-TW	840003124065116						
SCHULARWOOD DOORMAN 816-ET	USA 72808280						
SCHULARWOOD DOORMAN 817	USA 72808281						
SCHULARWOOD DOORMAN 845	USA 72808309					C	
SCHULARWOOD DROP KICK 862	840003124065114						
SCHULARWOOD DUCATI MAE-TW	840003124065117						
SCHULARWOOD EMISSION 717	USA 71177887						1
SCHULARWOOD EMISSION 719	USA 71177889						
SCHULARWOOD EVEREST 784	USA 72140242						
SCHULARWOOD FBI 631	USA 55748420						
SCHULARWOOD FBI 708	USA 71177878						
SCHULARWOOD FEDERAL 693	USA 55829780					C	
SCHULARWOOD FEVER 702	USA 71177872						
SCHULARWOOD FEVER 733	USA 71177903						
SCHULARWOOD GOLDWYN 567	USA 55541266						
SCHULARWOOD GOLDWYN 632	USA 55748421						
SCHULARWOOD GOLDWYN 698	USA 55829785						
SCHULARWOOD GOLDWYN 699	USA 55829786						
SCHULARWOOD GOLDWYN 709	USA 71177879						1
SCHULARWOOD GOLDWYN 759	USA 72140217						
SCHULARWOOD GOLDWYN 760	USA 72140218						
SCHULARWOOD INOX 713	USA 71177883					C	
SCHULARWOOD INOX 716	USA 71177886					C	
SCHULARWOOD JACEY 934	840003124065186	C					

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHULARWOOD JAVA 707	USA 71177877						
SCHULARWOOD JETT AIR 608	USA 55748397						
SCHULARWOOD KARIK 711	USA 71177881						
SCHULARWOOD KARIK 712	USA 71177882						
SCHULARWOOD KILOBYTE 722	USA 71177892						
SCHULARWOOD KRUSADER 690	USA 55829777	C					
SCHULARWOOD KRUSADER 695	USA 55829782	C					
SCHULARWOOD LAVAMAN 823	USA 72808287						
SCHULARWOOD LIMOCAR 754	USA 72140212						
SCHULARWOOD LIMOCAR 761	USA 72140219	C					
SCHULARWOOD LIMOCAR 836	USA 72808300						
SCHULARWOOD LOTTOMAX 928	840003124065180						
SCHULARWOOD MAGNITUDE BEETS	USA 71276291	C					
SCHULARWOOD MAN-O-MAN2 839	USA 72808303						
SCHULARWOOD MANIFOLD 932	840003124065184						1
SCHULARWOOD MARS 692	USA 55829779						
SCHULARWOOD MARS 694	USA 55829781						
SCHULARWOOD MCCUTCHEN 924	840003124065176						
SCHULARWOOD MCCUTHCHEN 824	USA 72808288						
SCHULARWOOD MILLION 721	USA 71177891		C				
SCHULARWOOD MILLION 725	USA 71177895						
SCHULARWOOD MILLION 730	USA 71177900						
SCHULARWOOD MILLION 742	USA 71177912						
SCHULARWOOD MILLION 749	USA 71177919		C				
SCHULARWOOD MIRAGE 705	USA 71177875						
SCHULARWOOD NAZLINI 728	USA 71177898						
SCHULARWOOD NOMINEE 923	840003124065175						
SCHULARWOOD NOMINEE 931	840003124065183						
SCHULARWOOD NUM UNO 886-ET	840003124065138						
SCHULARWOOD NUMERO UNO 871	840003124065123						
SCHULARWOOD OAK 740	USA 71177910						
SCHULARWOOD RACER 901-ET	840003124065153						
SCHULARWOOD RACER 913-ET	840003124065165						
SCHULARWOOD RAVISH 659	USA 55829746						
SCHULARWOOD RAVISH 660	USA 55829747						
SCHULARWOOD RAVISH 661	USA 55829748						
SCHULARWOOD SHAC 675	USA 55829762						
SCHULARWOOD SHAC 676	USA 55829763						
SCHULARWOOD SHOCKER 735	USA 71177905						
SCHULARWOOD SHOT 739	USA 71177909					C	
SCHULARWOOD SHOT 777	USA 72140235						
SCHULARWOOD SID 689	USA 55829776						
SCHULARWOOD SID 706	USA 71177876						
SCHULARWOOD STACEY 687	USA 55829774						
SCHULARWOOD STACEY 688	USA 55829775					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHULARWOOD STACEY 691	USA 55829778						
SCHULARWOOD STARSTRUCK 877	840003124065129						
SCHULARWOOD SUPERFREAK 736	USA 71177906					C	
SCHULARWOOD SUPERFREAK 738	USA 71177908						
SCHULTE-BROS DUN RITE-ET	USA 141974642						
SCHULTE-BROS DURHAM RUBY-ET	USA 142275429						
SCHULTE-BROS KBT RAZZEL-ET	USA 141736385						
SCHULTZ BAPPLE ROUGE-RED	USA 62517293						1
SCHULTZ BEACON RAE 14279-ET	USA 71631492						
SCHULTZ BEACON RAE 14292-ET	USA 71631505						1
SCHULTZ FARM BAXTER ROSE-ET	USA 139344051						
SCHULTZ FARM L REGAL-RED-ET	USA 62517286						1
SCHULTZ FARM L-KNG ROYAL-ET	USA 62517287						
SCHULTZ FARM LKING REA-ET	USA 142106842						
SCHULTZ FARM MAC RADIANT	USA 139537970						
SCHULTZ GIVENCHY BLANCA-ET	USA 63016370						
SCHULTZ LBOY ROXYRAE-RED-ET	USA 66758245						
SCHULTZ LWNBY R11483-RED-ET	USA 66758240						1
SCHULTZ RACER RX16329	840003127718148						
SCHULTZ SHAMROCK RIAN 17151	840003135197452						
SCHULTZ SHF 51020 RI16922	840003127718741						
SCHULTZ SHF 51020 RX16928	840003127718747						1
SCHULTZ SHF EFFECT RI 15007	USA 72924485						
SCHULTZ SHF LADD RX16345	840003127718164						1
SCHULTZ SHF R13591-RED-ET	USA 70609465						1
SCHULTZ SHF ROLLI R13222-ET	USA 70609096						1
SCHULTZ SHF SPLX RX14469-ET	USA 71631682						1
SCHULTZ SHF SPLX RX14479-ET	USA 71631692						1
SCHULTZ SHF SS RX14620-ET	USA 71631833						
SCHULTZ SHF SS RX14621-ET	USA 71631834						
SCHULTZ SHF SS RX14624-ET	USA 71631837						
SCHULTZ SHF STEWARD R13056	USA 70608930						
SCHULTZ SHOTTLE RENE CRI-ET	USA 62398784	C				C	
SCHULTZ-FARM SHF MIC BEA-ET	USA 65494381					C	
SCHULZE-BOYS 109G 1700	USA 69842115						
SCHULZE-BOYS 124G 1824	USA 69842130						
SCHULZE-BOYS 138G 1809	USA 69842144						
SCHULZE-BOYS 140G 1811	USA 69842146						
SCHULZE-BOYS 145G 1816	USA 69842151						
SCHUTTECREST GOLD DEE-ET	USA 66848065						1
SCHUTTECREST GOLD DOLLAR-ET	USA 66848068						1
SCHUTTECREST O MAN DEANN	USA 62279326	C					
SCHUYLKIL-MT DESTRY ALLISON	USA 71143096						1
SCHUYLKIL-MT HAUS COLA	USA 71143097						
SCHWAB G W ATWOOD ELISE-ET	USA 72074700						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCHWAB MCCUTCHEN MAGGIE	USA 72074618	C					
SCHWENDI HILLCREST JILL	USA 135196852						
SCIENTIFIC A MAPEL-RED-ET	USA 64442045						1
SCIENTIFIC AIR LOLLY RAE-ET	USA 73202514						
SCIENTIFIC ALEX KIWI RAE-ET	USA 69264033						1
SCIENTIFIC B DEENA RAE-ET	USA 70759772						
SCIENTIFIC BLESSING RAE-ET	USA 139096538					C	
SCIENTIFIC BOLIV RAE 995-ET	USA 71747643						
SCIENTIFIC BRAX DIDI RAE-ET	USA 70759773						
SCIENTIFIC BRAX REMODEL RAE	USA 69264080						
SCIENTIFIC BREANNA RAE-ET	USA 71809581						
SCIENTIFIC BT MOLLY RAE-ET	USA 69264056						3
SCIENTIFIC C DAFFY RAE-ET	USA 70759799						
SCIENTIFIC CAMEO APPLE-ET	USA 70759829						1
SCIENTIFIC CANDYLIPS RAE-ET	USA 70759846						1
SCIENTIFIC CBA SLINKY-ET	USA 137280292						
SCIENTIFIC CHINA DOLL RAE	USA 69264059						
SCIENTIFIC COIN RAE-RED-ET	USA 73202507						
SCIENTIFIC COLT REBA RAE-ET	USA 70759808						
SCIENTIFIC COOL RAE-RED-ET	USA 73202508						
SCIENTIFIC D CADEE RAE-ETS	USA 71809579						
SCIENTIFIC D CAMBRIA RAE-ET	USA 73202492					C	
SCIENTIFIC D CELIA RAE-ETS	USA 73202493						
SCIENTIFIC D CISSY RAE-ETS	USA 73202494						
SCIENTIFIC D COLETTE RAE-ET	USA 73202495						
SCIENTIFIC D KHLOE RAE-ET	USA 73202488						
SCIENTIFIC DANDY RAE-RED-ET	USA 70759792						
SCIENTIFIC DAPHNE RAE-ET	USA 139498835						
SCIENTIFIC DAQUIRI RAE-ETS	USA 137892781						
SCIENTIFIC DARCY RAE-RED-ET	USA 70759793						
SCIENTIFIC DARLA RAE-ET	USA 138904193						
SCIENTIFIC DARLING RAE-ETS	USA 138904184						
SCIENTIFIC DAYLIGHT RAE-ET	USA 73202518						
SCIENTIFIC DEBI RAE-RED-ET	USA 66911689						1
SCIENTIFIC DEJA RAE-ET	USA 73202516						
SCIENTIFIC DELFINA RAE-ET	USA 69263983						
SCIENTIFIC DELOREAN RAE-ET	USA 138904166						
SCIENTIFIC DELUXE RAE-ETS	USA 138904205						
SCIENTIFIC DESDEMONA RAE-ET	USA 69264009						1
SCIENTIFIC DIVA RAE-RED-ET	USA 137892811						1
SCIENTIFIC DIVINE RAE-ET	USA 66911686						
SCIENTIFIC DIVINITY RAE-ET	USA 139498826					C	
SCIENTIFIC DLECTABLE RAE-ET	USA 66911757						
SCIENTIFIC DOLLY RAE-RED-ET	USA 139498910		C				3
SCIENTIFIC DOLORES RAE-ET	USA 66911751					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCIENTIFIC DOMINICA RAE-ET	USA 69264069						
SCIENTIFIC DONATELLA RAE-ET	USA 69264054						
SCIENTIFIC DUSTY RAY-RED-ET	USA 70759796						
SCIENTIFIC DYNA RAE-RED-ET	USA 70759782						
SCIENTIFIC FANTASIA RAE-ET	USA 70759771						
SCIENTIFIC FUJI APPLE-ET	USA 70759825						
SCIENTIFIC FUNKY RAE-ET	USA 70759767						
SCIENTIFIC G DAME RAE-ET	USA 70759801						
SCIENTIFIC G DAMSEL RAE-ET	USA 70759803						
SCIENTIFIC GALA APPLE-ET	USA 70759826						1
SCIENTIFIC GC SOLAR RAE-ET	USA 70759814						1
SCIENTIFIC GOLD DANA RAE-ET	USA 138123082						
SCIENTIFIC GOLD DEMI RAE-ET	USA 138123103						1
SCIENTIFIC GOLD DEW RAE-ET	USA 138106942						
SCIENTIFIC GOLD DIOR RAE-ET	USA 138328405						
SCIENTIFIC GOLD DISH RAE-ET	USA 138106951						
SCIENTIFIC GOLD DOLL RAE-ET	USA 138123121						1
SCIENTIFIC GUTH DELTA RAE	USA 71809522						1
SCIENTIFIC HEART RAE-RED-ET	USA 73202505		C				1
SCIENTIFIC HERO DANAE RAE	USA 71809532						
SCIENTIFIC HGD SHEBA RAE-ET	USA 73202554						
SCIENTIFIC HOT LIPS RAE	USA 139498750						1
SCIENTIFIC KAT BELLE RAE-ET	USA 69264055						
SCIENTIFIC KYLIE RAE-RED-ET	USA 71809503						
SCIENTIFIC M DAMARA RAE-ET	USA 66911709						
SCIENTIFIC M DAMSEL RAE-ET	USA 66911710						
SCIENTIFIC MAC DEMILLA RAE	USA 66911687						1
SCIENTIFIC MAC DIVA-ET	USA 140577655						1
SCIENTIFIC MAC RENEE RAE-ET	USA 66911748						
SCIENTIFIC MAC TANNA RAE-ET	USA 66911681						
SCIENTIFIC MANDEL V RAE-ET	USA 17125036						
SCIENTIFIC MC CALICO RAE-ET	USA 71809561						
SCIENTIFIC MC CAMILA RAE-ET	USA 71809558						
SCIENTIFIC MC CAPRI RAE-ET	USA 71809563						
SCIENTIFIC MC CARMEL RAE-ET	USA 71809559						
SCIENTIFIC MC CONNIE RAE-ET	USA 71809564						
SCIENTIFIC MC CORONA RAE-ET	USA 71809562						
SCIENTIFIC MC DAFNE RAE-ET	USA 71809560						
SCIENTIFIC MERRY RAE-RED-ET	USA 66911694						
SCIENTIFIC PARADISE PLUM-ET	USA 66911663						
SCIENTIFIC PICO DOLL-RED-ET	USA 70759781						1
SCIENTIFIC REVLON RAE-ET	USA 141364986						1
SCIENTIFIC S DIONDRA RAE-ET	USA 69264046						
SCIENTIFIC SAN DAISY RAE-ET	USA 70977790						1
SCIENTIFIC SAN DOLLY RAE-ET	USA 70977789						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCIENTIFIC SAN DOTIE RAE-ET	USA 71389936						1
SCIENTIFIC SH DONIA RAE-ET	USA 66911713						
SCIENTIFIC SH DOREEN RAE-ET	USA 66911714						
SCIENTIFIC SHTL DREAMRAE-ET	USA 72484984					C	
SCIENTIFIC SID DESIGNER RAE	USA 70759815						
SCIENTIFIC SID JETTA RAE-ET	USA 71809516						
SCIENTIFIC SID SALLY RAE-ET	USA 71809514						
SCIENTIFIC SID SHEBA RAE-ET	USA 70759754						
SCIENTIFIC SS DESTINY-ET	USA 136173951						1
SCIENTIFIC THE BIG APPLE-ET	USA 70759842						
SCIENTIFIC THOR ROSELYN-ET	USA 15178107						
SCIENTIFIC-I MRB DELICIOUS-RED	CAN 9702401						3
SCO-GAIL LADD VALENTINE-RED	USA 142655403						3
SCO-JO DOMAIN 417	USA 56484465						
SCO-JO SUPERSIRE 430	USA 56484478						
SCO-LI MTOTO NADINE	USA 134760502						
SCO-LI SS BRADNICK SAPPHIRE	USA 142608830						
SCO-LO ABRA UNO 2021-ET	USA 72304591						
SCO-LO ABRA UNO 2022-ET	USA 72304592						
SCO-LO BOLIVIA MACY	USA 55211610						
SCO-LO CANCUN CHEERS	USA 70711598						
SCO-LO DEAN ABRA KAZOO-ET	USA 70711675						
SCO-LO EPIC PROPORTION	USA 70711661						
SCO-LO FEVER HAZEL-ET	USA 141726874						
SCO-LO GALLON JAM	USA 70711623						
SCO-LO GOLD DAPHNE-ET	USA 140532791						
SCO-LO GOLDWYN MYA-ET	USA 74579179						1
SCO-LO JEEVES TAHITI-ET	USA 141700838						
SCO-LO MCCUTCH JOVIAL 2032	USA 72304602						
SCO-LO ROKEYROAD GOSTYLE	USA 141517777			C			
SCO-LO SHOTTLE JETSETTA-ET	USA 60786033					C	
SCO-LO SIEMERS ABRAE-ET	840003123737949						
SCO-LO SIEMERS ABRANA-ET	840003123737933						
SCO-LO SIEMERS ABRANAKA-ET	840003123737950						
SCO-LO SUDAN JAMBORINI	USA 70711681						
SCO-LO-AF HERO ADDIE-ET	USA 72304580						
SCO-LO-COONS BELLE ARINA-ET	USA 141726892						
SCO-LO-COONS SID BALLY-ET	USA 72916662						
SCO-LO-KC GOLD JEMEKA	USA 62799372						
SCO-LO-KC JACK-O-LANTERN-ET	USA 66058131						
SCO-LO-KC JEEVES JEEVA-ET	USA 66058130						
SCO-LO-KC JEEVES JEMEEVA-ET	USA 66058099						
SCO-LO-KC MAC JEMILIA-ET	USA 62799379						
SCO-LO-KC SANDY JEMESHA-ET	USA 66058120						
SCO-LO-KC SANDY JEMMY-ET	USA 66058129						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCO-LO-KRUSE BRODIE 2166-ET	USA 74579196						
SCO-LO-KRUSE BRODIE 2167-ET	USA 74579197						
SCO-LO-KRUSE BRODIE 2168-ET	USA 74579198						
SCO-LO-KRUSE BRODIE 2169-ET	USA 74579199						
SCO-LO-KRUSE DEAN CANDY-ET	USA 71669075						
SCO-LO-KRUSE HAYRIDE 2158	USA 74579188						
SCO-LO-KRUSE KING HAWAII-ET	USA 74579155						
SCO-LO-KRUSE MAYFLD CARI-ET	USA 72231692						
SCO-LO-KRUSE MFLD CRISSY-ET	USA 72231715						
SCO-LO-KRUSE MONTE 2131-ET	USA 74579161						
SCO-LO-KRUSE S-SIRE CORA-ET	USA 72231710						
SCO-LO-KRUSE SPARK 2195-ET	USA 74579225						
SCO-LO-KRUSE SPARK 2199-ET	USA 74579229						
SCO-LO-KRUSE TESLA 2196-ET	USA 74579226		C				
SCO-LO-KRUSE TESLA 2197-ET	USA 74579227						
SCO-LO-KRUSE TESLA 2198-ET	USA 74579228		C				
SCO-LO-KRUSE TESLA 2200-ET	USA 74579230						
SCO-LO-KRUSE TESLA 2201-ET	USA 74579231		C				
SCO-LO-KRUSE TESLA 2203-ET	USA 74579233						
SCO-LO-KRUSE TESLA 2204-ET	USA 74579234						
SCO-LO-KRUSE TESLA 2206-ET	USA 74579236		C				
SCO-LO-KRUSE TESLA 2207-ET	USA 74579237		C				
SCO-LO-KRUSE TESLA 2209-ET	USA 74579239		C				
SCO-LO-KRUSE TESLA 2210-ET	USA 74579240						
SCO-LO-KRUSE TESLA 2211-ET	USA 74579241		C				
SCO-LO-MR DORCY CARI 179-ET	USA 70708520						
SCO-LO-MR DRCY CARLA 178-ET	USA 70708519						
SCO-LO-MR GALLON 568	USA 70711665						
SCO-LO-MR JS PEGGY 797-ET	USA 139782080						
SCO-LO-MR O-STYLE 111-ET	USA 70708452			C			
SCO-LO-MR O-STYLE 112-ET	USA 70708453			C			
SCO-LO-MR RAMOS PIP-ET	USA 69243744						
SCO-LO-MR RAMOS-ET	USA 69243745				C		
SCO-LO-MR SHOTTLE-ET	USA 69243746					C	
SCOT-VU LAWNBOY ADA-RED	USA 140626706						
SCOTTIANN ADDICT MUD-RED-ET	USA 143430548						
SCOTTIANN DMELLO MERCEY-RED	USA 141375797						
SCOTTIANN HRLD SUGAR CRI-ET	USA 60317737						
SCOTTIANN LADY-RED-ET	USA 142130100						1
SCOTTMORE 5G FLIPPER	USA 73538573						
SCOTTMORE 5G FRANCIS	USA 73538570						
SCOTTMORE ATWOOD DAPHNE	USA 68975991	C					
SCOTTMORE ATWOOD MADISON	USA 71850706						
SCOTTMORE ATWOOD MAE-ET	USA 71850649						
SCOTTMORE ATWOOD MAGIC-ET	USA 71850705						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCOTTMORE ATWOOD MALIBU-ET	USA 71850725						
SCOTTMORE ATWOOD MANDY-ET	USA 71850646						
SCOTTMORE ATWOOD MARTINI-ET	USA 71850724						
SCOTTMORE ATWOOD MELODY-ET	USA 71850645						
SCOTTMORE ATWOOD MIKKI-ET	USA 71850726						
SCOTTMORE ATWOOD MYSTERY	USA 71850733						
SCOTTMORE ATWOOD MYSTIQUE	USA 71850702						
SCOTTMORE BAXTER HIGHLIGHT	USA 65498541						3
SCOTTMORE BELAR SNOWHITE-ET	USA 73538604						
SCOTTMORE COMMANDER MARTHA	USA 73538600						
SCOTTMORE DAMASCUS MARGO-ET	USA 68976024		C				
SCOTTMORE DAMION MIKKI-ET	USA 65498528						
SCOTTMORE DANCER-ET	USA 71850720						
SCOTTMORE DEFENDER MAGGIE	USA 73538584						
SCOTTMORE DEFENDER MUNCHKIN	USA 73538594						
SCOTTMORE DEMPSEY MAPLE-ET	USA 73538569						1
SCOTTMORE DESTRY MIKIKI-ET	USA 71850651						
SCOTTMORE DOORMAN 3850-ET	USA 73247064						
SCOTTMORE DOORMAN 3855-ET	USA 73247069					C	
SCOTTMORE DOORMAN 3857-ET	USA 73247071					C	
SCOTTMORE DOORMAN 3872-ET	USA 73247086					C	
SCOTTMORE DOORMAN 3875-ET	USA 73247089					C	
SCOTTMORE DOORMAN AURORA	USA 73538581						
SCOTTMORE DOORMAN MAUD	USA 73538608					C	
SCOTTMORE DOORMAN MIXIE	USA 73538601						
SCOTTMORE DORCY MERICA	USA 73538576						
SCOTTMORE E FIRECRACKER-ET	USA 71850652						
SCOTTMORE EARNHARDT MONICA	USA 71850715						
SCOTTMORE EPIC FASHION-ET	USA 70597509						
SCOTTMORE EPIC FLAMING-ET	USA 70597500		C				
SCOTTMORE EPIC FOXY-ET	USA 71850653		C				
SCOTTMORE EPIC FRECKLE-ET	USA 70597513		C				
SCOTTMORE GC MARITIME-ET	USA 70597484						
SCOTTMORE GC MOOVIN ON	USA 73538612						
SCOTTMORE GOLD C MIRACLE-ET	USA 70597479						
SCOTTMORE GOLD C MONACO-ET	USA 70597485						
SCOTTMORE GOLD CHIP MIRANDA	USA 70597501						
SCOTTMORE GOLD MACEDONIA-ET	USA 70597488						
SCOTTMORE GOLD MALAYSIA-ET	USA 70597491						1
SCOTTMORE GOLD MOLDOVA-ET	USA 70597486						1
SCOTTMORE GOLD MOROCCO-ET	USA 70597493						1
SCOTTMORE GOLD MYANAMAR-ET	USA 70597489						
SCOTTMORE GOLDEN D MARVEL	USA 73538567						
SCOTTMORE GOLDWYN MADRID-ET	USA 70597492						1
SCOTTMORE GOLDWYN MAUI-ET	USA 70597490						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCOTTMORE HARLEYS HERO	USA 70597512						
SCOTTMORE IOTA FLOURISH	USA 71850642						
SCOTTMORE IOTA HANUKKAH	USA 71850673						3
SCOTTMORE IOTA MILLY-ET	USA 70597441						
SCOTTMORE IOTA MISCHIEF-ET	USA 73538617						
SCOTTMORE JACEY HP	USA 73538605						
SCOTTMORE JORDAN MADDIE-ET	USA 70597432						
SCOTTMORE JORDAN MALLORY-ET	USA 70597435						
SCOTTMORE JORDAN MARGE-ET	USA 70597430						
SCOTTMORE JORDAN MAYA-ET	USA 70597425						
SCOTTMORE JOSUPER ELSA	USA 73538627						
SCOTTMORE KINGPIN DANICA	USA 73538611						
SCOTTMORE KINGPIN IVORY	USA 73538613						
SCOTTMORE KOOL GOOGLE	USA 70597478						
SCOTTMORE LANCELOT JANEY-ET	USA 61945614						
SCOTTMORE LEXOR HICCUP	USA 71850676						
SCOTTMORE LEXOR MAYBE	USA 71850657						
SCOTTMORE MACK MCKENNA	USA 73538541						
SCOTTMORE MAE BERRY-ET	USA 73538551						
SCOTTMORE MAE FLOWER-ET	USA 73538550						
SCOTTMORE MARSHMELLOW-ET	USA 68975947						
SCOTTMORE MASCALESE MIRROR	USA 73538572						
SCOTTMORE MAUNDY MIKKI	USA 70597420						
SCOTTMORE MCCUTCHEN 3863-ET	USA 73247077						
SCOTTMORE MCCUTCHEN 3866-ET	USA 73247080						
SCOTTMORE MCCUTCHEN DUSTY	USA 73538609						
SCOTTMORE MCCUTCHEN HAPPY	USA 71850728						3
SCOTTMORE MCCUTCHEN JOSIE	USA 73538599						
SCOTTMORE MCCUTCHEN MEGAN	USA 73538603						3
SCOTTMORE MCCUTCHEN MINT	USA 71850730						
SCOTTMORE MIDNITE DREAMS-ET	USA 73538598						
SCOTTMORE MIKKI MILLION-ET	USA 68975948						
SCOTTMORE MIKKI SASHA-ET	USA 73538549						
SCOTTMORE MILLION 1370-ET	USA 65898950		C				
SCOTTMORE MILLION FUSION-ET	USA 68975961		C				
SCOTTMORE MILLION K1373-ET	USA 65898953		C				
SCOTTMORE MILLION MARLIE-ET	USA 65498552						
SCOTTMORE MILLION MOOLA-ET	USA 65498551						
SCOTTMORE MINNIE MOUSE-ET	USA 70597516						
SCOTTMORE MISS WESTGATE-ET	USA 73538621						
SCOTTMORE MOCKINGJAY-ET	USA 73538552						
SCOTTMORE MOLLY-ET	USA 70597445						
SCOTTMORE OBSERVER MERCY	USA 73538533						
SCOTTMORE PLANET GOLDMINE	USA 68975965						
SCOTTMORE RAPUNZEL-ET	USA 73538591						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SCOTTMORE ROY DAFODIL	USA 63469611	C					
SCOTTMORE SANCHEZ MARBLE-ET	USA 68976031						
SCOTTMORE SH HONEYSUCKLE-ET	USA 68976027					C	3
SCOTTMORE SHAME MASQUERADE	USA 71850695						
SCOTTMORE SHOT HOLLYHOCK-ET	USA 68976026						3
SCOTTMORE SHOTT HAZELNUT-ET	USA 65498548					C	3
SCOTTMORE SHOTT HICKORY-ET	USA 65498547					C	3
SCOTTMORE SHOTT HONEYBUN-ET	USA 65498536					C	3
SCOTTMORE SILVER MODEL-ET	USA 73538616						
SCOTTMORE SUPER MOCHA	USA 70597464						
SCOTTMORE-PR DIXIE-KEL	USA 73538582					C	
SCOTTOWN LHEROS SHELLY-ET	USA 139680913						
SCOVA MISSY BRADNICK	CAN 11354552						3
SCOVA MISSY SID-ET	CAN 11354433						
SCOVA SUPERSTITION SURREAL	CAN 11037069						
SCOVA WINDBROOK MISSY-ET	CAN 11507152						
SCRATCHWELL RAELYNN P-RED	USA 71125617						1
SCRATCHWELL ROSALEE-RED	USA 66130267						1
SCRATCHWELL SNOW ESTELLA	USA 71125631						
SCRATCHWELL SUPER MARIA	USA 69626245						
SCREAMING EAGLE MORTY ANGIE	USA 62127487						
SCREAMING-EAGLE APRICOT-ET	USA 136214203						
SCREAMING-EAGLE BOOKEM MONA	USA 70599735						
SCREAMING-EAGLE BRETT 12664	USA 71216155						
SCREAMING-EAGLE CAMER 13343	USA 71679589						
SCREAMING-EAGLE CHRIS 13572	USA 72207807						
SCREAMING-EAGLE COLT SS-RED	USA 71679438						
SCREAMING-EAGLE DESTRY SOSO	USA 71679355						
SCREAMING-EAGLE FEVER SUSIE	USA 70599728						
SCREAMING-EAGLE JRRCK 12126	USA 70599518						
SCREAMING-EAGLE MAGIC-ET	USA 62627227						1
SCREAMING-EAGLE MILLION ELY	USA 71216125						
SCREAMING-EAGLE OSTYL 13263	USA 71679509						
SCRUTON GOLD CHIP CEDRIC	USA 142780565						
SCRUTON O-STYLE SCAMPI	USA 142668935						
SCRUTON TOPSIDE YROSA	USA 142780323						
SCRUTON ZEBRA MARINA	USA 142780499					C	
SCRUTON ZEBRA SNOWFLAKE	USA 142780396			C			
SCULPTURE-OF SAN ENHANCE-ET	USA 69193179						
SD-ASHVIEW F 1602 TRIXIE-ET	USA 142604386						
SD-ASHVIEW FINAL CUT 280	USA 66981408	C					1
SD-ASHVIEW GLAUCO LAVENDER	USA 71804563						
SD-ASHVIEW RUBENS SAMMY	USA 68572945						
SD-ASHVIEW TALENT SUNSHINE	USA 66981411						1
SD-ROCHER MAN-P MERRY	840003127340659						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SD-ROCHER RELIEF MELLO	USA 72790297						
SDA AFTERSHOCK MODEST BECKY	USA 143299617						
SDA FORBIDDEN MTOTO DOLL	USA 136156914						
SDDOTTE CHIP TASTY 4076-RED	840003125839919						
SDDOTTE FIRE GIRL 3528-ET	840003010543128						
SDDOTTE FREDDIE RAJIN	840003012748071						
SDDOTTE FURY GIRL 3512-ET	840003010543114						
SDDOTTE LAWNBOY TRUE-RED	USA 51608423						
SDDOTTE LOTTO RAZOR 4030-ET	840003125839873						
SDDOTTE LOTTO RORY 4013-ET	840003125839856						
SDDOTTE OLYMPAN 4009-RED-ET	840003125839852						
SDDOTTE OLYMPIAN 4027-ET	840003125839870						
SDDOTTE SYM TRUST-RED-ET	840003012718848						
SDDOTTE SYM TRUTH-ET	840003012718896						
SDG-GH GOLD CHIP GEORGIA	840003009640487						
SDG-GH GOLD XMAS COOKIE-ET	840003004050276						1
SDG-GH PEPPERMINT-ETS	USA 65526575						
SDG-GH POINSETTIA-ETS	USA 65526576						
SDG-GH TALENT BLISS-ET	840003004050278						
SDG-KRULL MD CANDY-ET	840003131903507						
SDG-KRULL MD CINDY-ET	840003131903506						
SDG-KRULL SDG DM CAMI-ET	USA 73351036						
SDG-KRULL SDG DM CANDI-ET	USA 73351037						
SE-RAN SHOTGUN SHASTA-ET	USA 141761532						
SEA-WIND HOT SHOT DIVINE	USA 69074113						
SEABAGO SHAQ LIBBY-ET	USA 141970684						
SEAGULL-BAY 8935 MARISOL-ET	840003014558935						
SEAGULL-BAY 8944 RYLAN-ET	840003014558944						
SEAGULL-BAY ADVENT RITA-ET	USA 62997240						
SEAGULL-BAY ALEXA A-ET	USA 72156725						
SEAGULL-BAY ALEXA B-ET	USA 72156730						
SEAGULL-BAY ALEXA C-ET	USA 72156735		C				
SEAGULL-BAY ALEXA CHEVY-ET	840003124720504						
SEAGULL-BAY ALEXA D-ET	USA 72156738						
SEAGULL-BAY ALEXA DEBI-ET	840003124720496						
SEAGULL-BAY ALEXA E-ET	USA 72156741		C				
SEAGULL-BAY ALEXA FOUR-ET	840003124720490						
SEAGULL-BAY ALEXA G-ET	USA 72156765						
SEAGULL-BAY ALEXA HALLE-ET	840003124720518						
SEAGULL-BAY ALEXA HALO-ET	840003124720515						
SEAGULL-BAY ALEXA HAWAII-ET	840003124720517						
SEAGULL-BAY ALEXA II-ET	USA 72156715						
SEAGULL-BAY ALEXA III-ET	USA 72156716						
SEAGULL-BAY ALEXA IV-ET	USA 72156719						
SEAGULL-BAY ALEXA L-ET	USA 72156767						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY ALEXA ONE-ET	USA 72156755						
SEAGULL-BAY ALEXA TEN-ET	840003014467610		C				
SEAGULL-BAY ALEXA THREE-ET	USA 72156760						
SEAGULL-BAY ALEXA TWO-ET	USA 72156757						
SEAGULL-BAY ALEXA UNO-ET	USA 72156745						
SEAGULL-BAY ALEXA W-ET	USA 72156768						
SEAGULL-BAY ALEXA Y-ET	840003012644243					C	
SEAGULL-BAY AM MIZZOU-ET	840003128978058						
SEAGULL-BAY ANGEL P-ET	USA 72156772						
SEAGULL-BAY ANGEL RAIN-ET	USA 72156829						
SEAGULL-BAY ARMANI SHINE	840003012644250					C	
SEAGULL-BAY ARMITAGE 1470	USA 70640503						
SEAGULL-BAY ATY ESCALADE	840003124720670						
SEAGULL-BAY ATY LAMBO	840003124720657		C				
SEAGULL-BAY AVA P-ET	840003124720615						
SEAGULL-BAY AY TIRZAH	840003128978099						
SEAGULL-BAY BALDWIN 1842	USA 72156811						
SEAGULL-BAY BALISTO 577-ET	840003124720567						
SEAGULL-BAY BALISTO 580-ET	840003124720570						
SEAGULL-BAY BALISTO 587-ET	840003124720577						
SEAGULL-BAY BALSTO 593 P-ET	840003124720583						
SEAGULL-BAY BLVR CANDY	USA 64689565						
SEAGULL-BAY BRADNICK 1818	USA 72156787						
SEAGULL-BAY BRAWLER LEXUS	840003124720683						
SEAGULL-BAY BRAWLIN RYBACK	840003128978139						
SEAGULL-BAY CAM MINNOW-ET	USA 71618791						
SEAGULL-BAY CAMARO 588-ET	840003124720578						
SEAGULL-BAY CAMARO 594-ET	840003124720584						
SEAGULL-BAY CAMERON 1504-ET	USA 71618751						
SEAGULL-BAY CAMILLA-ET	840003012644192					C	1
SEAGULL-BAY CANDY DOLL	USA 68590214						
SEAGULL-BAY CANDY JAR-ET	USA 66372154						
SEAGULL-BAY CASHMERE-ET	840003012644190						1
SEAGULL-BAY CHEVRLET 505-ET	840003124720495						
SEAGULL-BAY CHEVRLET 509-ET	840003124720499						
SEAGULL-BAY CHEVRLET 511-ET	840003124720501						
SEAGULL-BAY CHVRLET 603	840003124720593						
SEAGULL-BAY CM ELENOR-ET	USA 70640447						
SEAGULL-BAY CM ELLEN-ET	USA 70640445						
SEAGULL-BAY COLBY MAY-ET	USA 65751891		C	C			
SEAGULL-BAY CROWN JEWEL-ET	USA 68590145						
SEAGULL-BAY CROWN MYRA	USA 68590200					C	
SEAGULL-BAY D EXTREME-ET	840003128978064						
SEAGULL-BAY D SERENADE-ET	840003124720604						
SEAGULL-BAY DABNEY-ET	840003012644218						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY DAPHN CHAVON-ET	840003124720554						
SEAGULL-BAY DAPHNE OPRAH-ET	USA 69981533						
SEAGULL-BAY DARLING ONE-ET	USA 72156809						
SEAGULL-BAY DARLO ELINOR	840003128978098						
SEAGULL-BAY DAY 1907-ET	840003012644195						
SEAGULL-BAY DAY LIGHT-ET	USA 72156859					C	
SEAGULL-BAY DAYTYME	840003128978051						
SEAGULL-BAY DEFNDER 2235-ET	840003014467573						
SEAGULL-BAY DELTA FORCE	840003128978166		C				
SEAGULL-BAY DELTA JAM	840003128978104						
SEAGULL-BAY DELTA LYNSEY	840003128978133						
SEAGULL-BAY DIAMOND 1976	840003012644264			C			
SEAGULL-BAY DOTSON 3710	USA 68590215						
SEAGULL-BAY DOVER DARLA	USA 70640308		C				
SEAGULL-BAY DUCHESS P-ET	840003124720565						1
SEAGULL-BAY E DELIGHT-ET	840003128978062						
SEAGULL-BAY EHDT MAJIC-ET	USA 72156838						
SEAGULL-BAY ELAINE P-ET	840003124720572						
SEAGULL-BAY ELLEN P-ET	840003124720574						
SEAGULL-BAY EMMY P-ET	840003124720627						
SEAGULL-BAY ENYA P-ET	840003124720631						
SEAGULL-BAY EPIC 1633-ET	USA 71618880		C				
SEAGULL-BAY EX SENSATION-ET	840003128978057						
SEAGULL-BAY EX STACIA-ET	840003128978056						
SEAGULL-BAY FD AMBER-ET	USA 69981538						
SEAGULL-BAY G W ATWOOD 1494	USA 70640527						
SEAGULL-BAY GALAXY 2044	840003012644332						
SEAGULL-BAY GLXY SHAUNA-ET	USA 72156708						
SEAGULL-BAY GOLD CASTLE-ET	USA 64689499						1
SEAGULL-BAY GOLD CHRIS 1480	USA 70640513						
SEAGULL-BAY GOLD CHRIS 1506	USA 71618753						
SEAGULL-BAY GOLD CROWN-ET	USA 64689502					C	
SEAGULL-BAY GOLD DAISY-ET	USA 62768660						
SEAGULL-BAY GOLD MANDY-ET	USA 62432264						
SEAGULL-BAY GOLD MINE-ET	USA 62768677						
SEAGULL-BAY H PANDORA-ET	840003124720575						
SEAGULL-BAY HALLIE P-ET	840003124720637						
SEAGULL-BAY HALOGEN 515-ET	840003124720505						
SEAGULL-BAY HALOGEN 516-ET	840003124720506						
SEAGULL-BAY HALOGEN 547-ET	840003124720537						
SEAGULL-BAY HAVILAH P-ET	840003124720647						
SEAGULL-BAY HDLNR LYNDSY	USA 71618912				C		
SEAGULL-BAY HDLNR MAY	USA 72156752						
SEAGULL-BAY HDLNR MINNOW-ET	USA 71618888						
SEAGULL-BAY HEADLINER 1673	USA 71618920						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY HEADLINER 1745	USA 72156714						
SEAGULL-BAY HTHR CAPRICE-ET	840003124720557						
SEAGULL-BAY HTHR SIDNEY-ET	840003124720621						
SEAGULL-BAY HTHR TIMBER-ET	840003124720509						
SEAGULL-BAY HTR STOICISM-ET	840003124720680						
SEAGULL-BAY IN MARSEILLE-ET	840003128978135						
SEAGULL-BAY JABIR 656-ET	840003124720646					C	
SEAGULL-BAY JABIR 660-ET	840003124720650					C	
SEAGULL-BAY JACEY 2290-ET	840003014467628					C	
SEAGULL-BAY JANELLE-ET	840003012644342						
SEAGULL-BAY JC DARLENE-ET	840003012644353		C				
SEAGULL-BAY JCY MAJIC-ET	840003014467632					C	
SEAGULL-BAY JEEVE MINNOW-ET	USA 68590175						
SEAGULL-BAY JLN PAISLEY-ET	840003128978048						
SEAGULL-BAY JM JOANNA-ET	840003124720681						
SEAGULL-BAY JM JOSIE-ET	840003124720685					C	
SEAGULL-BAY JM RAVENNA-ET	840003128978106						
SEAGULL-BAY JOSUPER 609-ET	840003124720599						
SEAGULL-BAY JOSUPER 611-ET	840003124720601						
SEAGULL-BAY JOSUPER 682-ET	840003124720672						
SEAGULL-BAY JOSUPER KAMY-ET	840003124720671						
SEAGULL-BAY JT DIVA	840003128978130						
SEAGULL-BAY K RIMINI-ET	840003128978108						
SEAGULL-BAY K RUBIKON-ET	840003128978115						
SEAGULL-BAY KADO 596 P-ET	840003124720586						
SEAGULL-BAY KADO 598-ET	840003124720588						
SEAGULL-BAY KADO 599-ET	840003124720589						
SEAGULL-BAY KADO 600 P-ET	840003124720590						
SEAGULL-BAY KADO 602 P-ET	840003124720592						
SEAGULL-BAY KAMBREE P-ET	840003124720571						
SEAGULL-BAY KAMI P-ET	840003124720569						
SEAGULL-BAY KIA PP-ET	840003128978071						
SEAGULL-BAY KIM ROCKS-ET	840003128978102						
SEAGULL-BAY KIMBER P-ET	840003124720551			C			
SEAGULL-BAY KINDLE PP-ET	840003128978079						
SEAGULL-BAY KONA PP-ET	840003128978072						
SEAGULL-BAY LA-BRON 559	840003124720549						
SEAGULL-BAY LARS LAURA	USA 70640375						
SEAGULL-BAY LAUDEN MEGAN-ET	USA 62116051						
SEAGULL-BAY LAURIE-RED-ET	USA 70640364		C				
SEAGULL-BAY LILAC NANCY-ET	840003124720550						
SEAGULL-BAY LITHIUM 1744-ET	USA 72156713						
SEAGULL-BAY LITHIUM 1755-ET	USA 72156724						
SEAGULL-BAY LITHIUM 1758-ET	USA 72156727						
SEAGULL-BAY LITHIUM 1760-ET	USA 72156729						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY LNCLT MYRIAD-ET	USA 62116077						
SEAGULL-BAY LTMR MAGICAL-ET	USA 72156799						
SEAGULL-BAY LTMR MIRAGE-ET	USA 72156791						
SEAGULL-BAY M-O-M MINNOW	USA 68590297						
SEAGULL-BAY MAC CAMBER-ET	USA 64689460					C	
SEAGULL-BAY MAC CARAMEL-ET	USA 64689452					C	
SEAGULL-BAY MACK 513	840003124720503					C	
SEAGULL-BAY MAGNOLIA-ET	840003124720524						
SEAGULL-BAY MAJIC ACT-ET	USA 72156800						1
SEAGULL-BAY MAJIC DAY-ET	USA 72156852					C	
SEAGULL-BAY MAJIC SHOW-ET	USA 72156804						
SEAGULL-BAY MAR TRACKER	840003128978049						
SEAGULL-BAY MARION 2644-ET	USA 62768613						
SEAGULL-BAY MASSEY 502	840003124720492					C	
SEAGULL-BAY MAUREEN 510-ET	840003124720500						
SEAGULL-BAY MAUREEN 512-ET	840003124720502						
SEAGULL-BAY MAY MAKAYLA-ET	USA 66372104			C			
SEAGULL-BAY MAY MICHELLE-ET	USA 66372102			C			
SEAGULL-BAY MAY PAULA-ET	USA 66372152						
SEAGULL-BAY MAYFLOWER 2037	840003012644325						
SEAGULL-BAY MCCHN 1735-ET	USA 72156704						
SEAGULL-BAY MG KAMBREE P-ET	840003124720548						
SEAGULL-BAY MGL DARLING-ET	USA 72156789						
SEAGULL-BAY MGL DIVINE-ET	840003124720520						
SEAGULL-BAY MGL DIVINITY-ET	840003124720521						
SEAGULL-BAY MIRAGE-P-ET	840003014467549						
SEAGULL-BAY MIS UNIVERSE-ET	USA 70640282					C	
SEAGULL-BAY MISS AMERICA-ET	USA 70640281					C	
SEAGULL-BAY MISS EBY-ET	840003012644230						
SEAGULL-BAY MISS ELLEN-ET	840003012644217						
SEAGULL-BAY MISS SHAMBRY-ET	840003012644193						
SEAGULL-BAY MISS SHANDRA-ET	USA 72156850						
SEAGULL-BAY MISS SHANIA-ET	840003012644191						
SEAGULL-BAY MOGUL 1703-ET	USA 72156672				C		
SEAGULL-BAY MOGUL 1723-ET	USA 72156692						
SEAGULL-BAY MOGUL 1725-ET	USA 72156694						
SEAGULL-BAY MOGUL MAJIC-ET	USA 72156676						
SEAGULL-BAY MOGUL WINK 1897	840003125573972						
SEAGULL-BAY MON SHAMMY	840003128978168						
SEAGULL-BAY MONT MELISSA	840003128978142						
SEAGULL-BAY MRN CONNIE-ET	840003124720510						
SEAGULL-BAY MRN JUSTINE-ET	840003124720547						
SEAGULL-BAY MRN TINA-ET	840003124720507						
SEAGULL-BAY MT4651 10748-ET	840003123886071						
SEAGULL-BAY MT4651 10762-ET	840003123886023						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY MVP 526	840003124720516						
SEAGULL-BAY MVP 532-ET	840003124720522						
SEAGULL-BAY MVP 537	840003124720527						
SEAGULL-BAY MVP 543-TW	840003124720533						
SEAGULL-BAY MVP 544-TW	840003124720534						
SEAGULL-BAY MY OCTAVIA-ET	840003128978122						
SEAGULL-BAY NOMINEE 566-ET	840003124720556						
SEAGULL-BAY NOMINEE 576-ET	840003124720566						
SEAGULL-BAY NOMINEE 595	840003124720585						
SEAGULL-BAY O TAYLOR	840003128978147						
SEAGULL-BAY O YODA-ET	840003128978123						
SEAGULL-BAY O-STY LOUANN	USA 70640415						
SEAGULL-BAY OAK SHASTA-ET	840003123600895					C	
SEAGULL-BAY OHARE-P 2202-ET	840003014467540			C			
SEAGULL-BAY OHARE-P 2232-ET	840003014467570			C			
SEAGULL-BAY OLIVE OYL-ET	840003128978128						
SEAGULL-BAY OMAN MAY	USA 61712733			C			
SEAGULL-BAY OMAN MIRROR-ET	USA 62115945						
SEAGULL-BAY ONWARD 3482-TW	USA 66372158						
SEAGULL-BAY OOPSIE DAISY	840003128978097						
SEAGULL-BAY PBALL 671-ET	840003124720661						
SEAGULL-BAY PBALL 673-ET	840003124720663						
SEAGULL-BAY PBALL 704-ET	840003128978052						
SEAGULL-BAY PBALL 707-ET	840003128978055						
SEAGULL-BAY PBALL 722-ET	840003128978070						
SEAGULL-BAY PLANET 549	840003124720539						
SEAGULL-BAY PLATINUM 1931	840003012644219					C	
SEAGULL-BAY PRINCESS P-ET	840003124720561						
SEAGULL-BAY PUNCH 1667	USA 71618914						
SEAGULL-BAY R KANDACE P-ET	840003128978105						
SEAGULL-BAY R SALSA	840003128978165						
SEAGULL-BAY R SUNSET-ET	840003128978117						
SEAGULL-BAY RACER 569	840003124720559					C	
SEAGULL-BAY RB JEMMA-ET	840003128978109						
SEAGULL-BAY RBST MADRID-ET	USA 70640314						
SEAGULL-BAY RBST MANILA-ET	USA 70640309						
SEAGULL-BAY RHONDA P-ET	840003124720626						
SEAGULL-BAY ROSE PETAL-ET	840003124720513						
SEAGULL-BAY ROXY PP-ET	840003124720655						
SEAGULL-BAY ROY IZZIE	USA 62969000						
SEAGULL-BAY ROYAL DECREE-ET	840003128978107						
SEAGULL-BAY ROYAL PARADE-ET	840003128978078						
SEAGULL-BAY ROYAL SOPHIA-ET	840003128978112						
SEAGULL-BAY RUB SALUKI-ET	840003128978118						
SEAGULL-BAY RUBICON 601-ET	840003124720591						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY RUBICON 608-ET	840003124720598						
SEAGULL-BAY RUBICON KAM-ET	840003128978116						
SEAGULL-BAY S DELIGHT-ET	840003128978103						1
SEAGULL-BAY S EXCEDRIN-ET	840003128978050						
SEAGULL-BAY S JILLIAN-ET	840003013177316						
SEAGULL-BAY S PLUSH-ET	840003128978054						
SEAGULL-BAY S SHASTA-ET	840003124720606					C	
SEAGULL-BAY S THEBES P-ET	840003128978121						1
SEAGULL-BAY SALVINO 583-ET	840003124720573						
SEAGULL-BAY SALVINO 589-ET	840003124720579						
SEAGULL-BAY SALVINO 590-ET	840003124720580						
SEAGULL-BAY SALVINO 591-ET	840003124720581						
SEAGULL-BAY SALVINO 592-ET	840003124720582						
SEAGULL-BAY SARAH P-ET	840003128978075						
SEAGULL-BAY SARG MINNOW	USA 71618869						
SEAGULL-BAY SATURN JELLY	840003012644268			C		C	
SEAGULL-BAY SATURN STORM-ET	840003012644253						1
SEAGULL-BAY SCTARIAT 639-ET	840003124720629					C	
SEAGULL-BAY SEARCH 1605	USA 71618852				C		
SEAGULL-BAY SECRETAR 615-ET	840003124720605						
SEAGULL-BAY SECRETAR 617-ET	840003124720607						
SEAGULL-BAY SECRETARIAT 634	840003124720624					C	
SEAGULL-BAY SECRRIAT 638-ET	840003124720628					C	
SEAGULL-BAY SECRT 610-ET	840003124720600						
SEAGULL-BAY SH BELLA-ET	840003124720532						
SEAGULL-BAY SH CUPID-ET	840003014467471					C	
SEAGULL-BAY SH FANNY-ET	840003124720498					C	
SEAGULL-BAY SH FRANNY-ET	840003124720553						
SEAGULL-BAY SH HALO-ET	840003124720525						
SEAGULL-BAY SH HAVILAH-ET	840003124720526					C	
SEAGULL-BAY SH JANET-ET	840003013177381						
SEAGULL-BAY SH JANINE-ET	840003124720511					C	
SEAGULL-BAY SH JENNY-ET	840003012644335						
SEAGULL-BAY SH JILLIAN-ET	840003013924104					C	
SEAGULL-BAY SH JORDYN-ET	840003013923973					C	
SEAGULL-BAY SH LANA-ET	USA 72156783					C	
SEAGULL-BAY SH LILAC-ET	USA 72156679						
SEAGULL-BAY SH LOVEY-ET	840003012644267					C	1
SEAGULL-BAY SH MACADY-ET	USA 71618858					C	
SEAGULL-BAY SH MADALYN-ET	USA 71618838					C	
SEAGULL-BAY SH MADDY-ET	USA 72156732						
SEAGULL-BAY SH MAGGIE-ET	USA 72156670			C			
SEAGULL-BAY SH MALINDA-ET	USA 71618859						
SEAGULL-BAY SH MALLORY-ET	USA 71618902					C	
SEAGULL-BAY SH MARILYN-ET	USA 71618839					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY SH MARLA-ET	USA 72156846						
SEAGULL-BAY SH MARLENE-ET	840003012644210					C	
SEAGULL-BAY SH MARNI-ET	USA 71618946			C			
SEAGULL-BAY SH MAUREEN-ET	USA 71618906						
SEAGULL-BAY SH MAYBELLE-ET	840003012644209					C	
SEAGULL-BAY SH MAYLYN-ET	USA 72156669					C	
SEAGULL-BAY SH MELANIE-ET	840003012644200					C	
SEAGULL-BAY SH MILLY-ET	USA 71618943			C			
SEAGULL-BAY SH MINDY-ET	USA 71618919						
SEAGULL-BAY SH MIRANDA-ET	USA 71618863						
SEAGULL-BAY SH MISSY-ET	USA 71618864					C	
SEAGULL-BAY SH MOLLY-ET	USA 71618944			C			
SEAGULL-BAY SH MONEY-ET	USA 72156832						
SEAGULL-BAY SH MYLADY-ET	USA 72156806					C	
SEAGULL-BAY SH OLIVE P-ET	840003012644352						
SEAGULL-BAY SH RAMONA-ET	840003012644306						
SEAGULL-BAY SH TANSY-ET	840003014467477					C	
SEAGULL-BAY SHAN 503	840003124720493						
SEAGULL-BAY SHAUNA SATURN	USA 69981537					C	
SEAGULL-BAY SHAUNA VENUS-ET	USA 69981536					C	
SEAGULL-BAY SHJ DIVOT	840003128978132					C	
SEAGULL-BAY SHMRK MEG-ET	USA 70640354						
SEAGULL-BAY SHN MCKENZIE-ET	USA 71618844						
SEAGULL-BAY SHOTT CANDY-ET	USA 62432221					C	
SEAGULL-BAY SHOTTLE 2712-ET	USA 62768681					C	
SEAGULL-BAY SHOTTLE 2713-ET	USA 62768682						
SEAGULL-BAY SID CANDACE	USA 70640472						
SEAGULL-BAY SILVER 618-ET	840003124720608						
SEAGULL-BAY SILVER 620-ET	840003124720610						
SEAGULL-BAY SILVER 621-ET	840003124720611						
SEAGULL-BAY SILVER 626-ET	840003124720616						
SEAGULL-BAY SILVER 627-ET	840003124720617						
SEAGULL-BAY SILVER 629-ET	840003124720619						
SEAGULL-BAY SILVER 632-ET	840003124720622						
SEAGULL-BAY SILVER 635-ET	840003124720625						
SEAGULL-BAY SILVER 643-ET	840003124720633						
SEAGULL-BAY SILVER 644-ET	840003124720634						
SEAGULL-BAY SILVER 650	840003124720640						
SEAGULL-BAY SILVER AMY-ET	840003124720613						
SEAGULL-BAY SILVER CINI-ET	840003128978113						
SEAGULL-BAY SILVER MILAN	840003128978114						
SEAGULL-BAY SILVER RING P	840003128978091						
SEAGULL-BAY SL TULIP	840003124720687						
SEAGULL-BAY SLVR HOLLY-ET	840003124720620						
SEAGULL-BAY SNOW ANGEL-ET	USA 70640272						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY SNOW DARLING-ET	USA 70640273			C		C	
SEAGULL-BAY SOMTHNGROYAL-ET	840003012644321						
SEAGULL-BAY SONNETT-ET	840003124720623						1
SEAGULL-BAY SPR JEALOUS-ET	840003128978083						
SEAGULL-BAY SPRING RAIN-ET	840003128978092						
SEAGULL-BAY SPRSIRE 573-ET	840003124720563						
SEAGULL-BAY SR DAENERYS-ET	840003128978101						
SEAGULL-BAY SR SADIE-ET	840003128978095						
SEAGULL-BAY SS EXCALIBER	840003124720662						
SEAGULL-BAY SS KELLY P-ET	840003124720542						
SEAGULL-BAY SS KIMEE P-ET	840003124720541						
SEAGULL-BAY SSHOT JORDY-ET	840003128978084						
SEAGULL-BAY SSI PASSION-ET	840003013177458					C	
SEAGULL-BAY SSIRE DANICA-ET	USA 71618938		C				
SEAGULL-BAY SSIRE DAPHNE-ET	USA 71618930						
SEAGULL-BAY SSIRE DEBRA-ET	USA 71618933						
SEAGULL-BAY SSIRE KALLA-ET	840003124720545						
SEAGULL-BAY SSIRE KAREN-ET	840003124720538						
SEAGULL-BAY SSIRE MARSHA	840003128978111						
SEAGULL-BAY SSIRE MAY-ET	USA 71618928						
SEAGULL-BAY SSIRE MINNOW-ET	USA 71618929						
SEAGULL-BAY SSIRE MINW-ET	USA 71618941						
SEAGULL-BAY SSIRE WILMA-ET	USA 71618934						
SEAGULL-BAY SST 652-ET	840003124720642						
SEAGULL-BAY SST RAVEN-ET	840003124720656						
SEAGULL-BAY STRN CAMILLA-ET	840003124720529					C	
SEAGULL-BAY STRN CAMMY-ET	840003124720536						
SEAGULL-BAY STRN CARAMEL-ET	840003124720530						
SEAGULL-BAY STRN CARMEN-ET	840003124720528					C	
SEAGULL-BAY STRN CELESTE-ET	840003124720535					C	
SEAGULL-BAY STRN JENAMAY-ET	840003013177351					C	
SEAGULL-BAY STRN JENN-ET	840003012644372					C	
SEAGULL-BAY STRN LANA-ET	840003124720546					C	
SEAGULL-BAY STRN LENNIE-ET	840003124720540						
SEAGULL-BAY STRN OAKLEY-ET	840003013923940						
SEAGULL-BAY STRN OLIVIA-ET	840003013924024						
SEAGULL-BAY STRN OMELIA-ET	840003012644305					C	
SEAGULL-BAY STRN OPAL-ET	840003013924003						
SEAGULL-BAY SUNBELT-ET	USA 72156834						
SEAGULL-BAY SUNDANCE-ET	USA 70640322					C	
SEAGULL-BAY SUNDROP-ET	840003012644240					C	
SEAGULL-BAY SUNLIGHT-ET	USA 72156836						
SEAGULL-BAY SUNLINE-ET	840003124720519						
SEAGULL-BAY SUNNY-ET	840003012644239						
SEAGULL-BAY SUNSET-ET	USA 70640321						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEAGULL-BAY SUNSHINE-ET	USA 70640323					C	
SEAGULL-BAY SUPER ROYAL-ET	840003128978090						
SEAGULL-BAY SUPER RUBLE	USA 66112106						
SEAGULL-BAY SUPERSHT 642-ET	840003124720632						
SEAGULL-BAY SUPERSIRE 2299	840003014467637						
SEAGULL-BAY SUPERSIRE 597	840003124720587						
SEAGULL-BAY SUPERSIRE MOON	840003124720678						
SEAGULL-BAY SUPRSHOT 649-ET	840003124720639						
SEAGULL-BAY SUPRSHOT 654-ET	840003124720644						
SEAGULL-BAY SUPRSHOT 658-ET	840003124720648						
SEAGULL-BAY T CARROUSEL-ET	840003128978134						
SEAGULL-BAY TANGO 2259-ET	840003014467597		C				
SEAGULL-BAY TOUCHDOWN 624	840003124720614						
SEAGULL-BAY TOYSTORY 2811	USA 63387467						
SEAGULL-BAY TROY MIRROR-ET	840003124720682						
SEAGULL-BAY TROY URSINI	840003128978138					C	
SEAGULL-BAY VENUS MOON	840003128978167						
SEAGULL-BAY VN GALAXIE-ET	USA 72156710						
SEAGULL-BAY VN GALAXY-ET	USA 72156709						
SEAGULL-BAY VN NEPTUNE-ET	USA 72156816					C	
SEAGULL-BAY WNBRK SUNDAY-ET	USA 70640300						1
SEAGULL-BAY YODER 689-ET	840003124720679						
SEAGULL-BAY-MJ PBALL 646-ET	840003124720636						
SEAGULL-BAY-MJ PBALL 648-ET	840003124720638						
SEAGULL-BAY-MJ SIRI-ET	840003124720645						
SEAGULLBAYJJ TOYS MAE	USA 62997219						
SEBOWISHA SANCHEZ RINGO	USA 74552947						
SEBOWISHA VLADIMIR 301	USA 72711172			C			
SED-LYNNVIEW MASSEY MAUI	USA 69285380						
SEE-MORE-VIEW BOLIVER TORCH	USA 139644142						
SEE-MORE-VIEW BWM THEA	USA 135092297						
SEE-MORE-VIEW DT GIVEN	USA 142747050						
SEE-MORE-VIEW EDNA	USA 135092288						
SEE-MORE-VIEW FLAVIA CRI-ET	USA 62769100						
SEE-MORE-VIEW JIVES TONI	USA 141726258						
SEE-MORE-VIEW MOGUL FRESCA	USA 143009746						
SEE-MORE-VIEW MOGUL PIPPY	USA 142582635			C			
SEE-MORE-VIEW OS TROUBLE	USA 136024725						
SEE-MORE-VIEW SHAM POCKET	USA 142097762						
SEE-MORE-VIEW SHAM PRESTIGE	USA 141624604						
SEE-MORE-VIEW SHARKY GOLD	USA 137567126						
SEE-MORE-VIEW TS TRIBUTE	USA 137950025						
SEE-MORE-VIEW ZEN ACCORD	USA 138374161						
SEE-VOLK DURABLE DEMI-P	USA 142862188		C				3
SEE-VOLK RUSH-P RHEMA	USA 143511740						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEE-VOLK SHOTTLE RAMIE	USA 142862218						
SEEBORGERS BAILEY	DEU 357404574						
SEEFELDT-ACRES ALEX AUTUMN	USA 140915406						1
SEEFELDT-ACRES CN CASSIE-TW	USA 141112730						1
SEEFELDT-ACRES DIEDRA	USA 135072350						
SEEFELDT-ACRES GOL GABBY-ET	USA 142406997						
SEEFELDT-ACRES ROYS RAIN	USA 137993307						
SEITVIEW ADMIRAL SHYANN	USA 71428614						1
SEITVIEW AL SHERYL	USA 72250127						
SEITVIEW ALBOXER ROXY	USA 71428606						
SEITVIEW BOGART CRIMSON	USA 70741412						
SEITVIEW BOLIVER HILARY	USA 62371758						
SEITVIEW BOMBERO FARRAH-ET	840003133250728						1
SEITVIEW BOWSER BARBY	USA 71428610						
SEITVIEW CHAP FLO	USA 71428608						
SEITVIEW CHAP MADDI	USA 71428602						
SEITVIEW CHELIOS ASHLYN	USA 74202979						
SEITVIEW CM CHELSEA	USA 70741414						
SEITVIEW CM PRISCILLA	USA 71428613						
SEITVIEW CM SAMANTHA	USA 71428605						
SEITVIEW DAYTON MADISON	USA 72250131						
SEITVIEW DEMPSEY DULCIE	USA 72250129						
SEITVIEW DEMPSEY MANDI	USA 72250139						1
SEITVIEW DENVER BROOK	840003133250724						
SEITVIEW DENVER BROOKS	840003133250733						
SEITVIEW DENVER NADINE	840003133250731						
SEITVIEW DESTRY RAIN-TW	USA 72250123						
SEITVIEW DESTRY STORM-TW	USA 72250122						1
SEITVIEW DOBERMAN BELLA	USA 71428603						
SEITVIEW DOM CHRISTINE	USA 72250132						
SEITVIEW DOM REBECCA	USA 72250133						
SEITVIEW DOMINIC JILLIAN	USA 73192773						
SEITVIEW DORCY BELLA	USA 72250138						
SEITVIEW DORCY CASSY	USA 73192762						
SEITVIEW DREW NATALIE	USA 71428596						
SEITVIEW DSN ELAINE CRI-ET	USA 63285401						
SEITVIEW DURABLE MARCY	USA 74202982		C				3
SEITVIEW EAVES WHITNEY	840003133250726						
SEITVIEW EMERALD TIFFANY	USA 71428611						
SEITVIEW EPIC ANGIE	USA 71428607						
SEITVIEW FACEBOOK BEYONCE	840003133250721						
SEITVIEW FACEBOOK KYLEE	840003133250723						
SEITVIEW FEATURE CAROL	USA 74202991						
SEITVIEW GARCIA NICKI	USA 72250128						
SEITVIEW GREENWAY ANGELA	USA 74202978						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEITVIEW GUTHRIE ANDREA	USA 74202984						
SEITVIEW GUTHRIE AUTUMN	USA 72250130						
SEITVIEW GUTHRIE FAITH	USA 74202989						
SEITVIEW HUGHES TIARA	USA 72250121						
SEITVIEW IOTA BRANDY	USA 74202980						
SEITVIEW IOTA EVE	USA 73192765						
SEITVIEW IOTA MERCEDES	USA 73192767						
SEITVIEW JENKINS LEXI	USA 72250126	C					
SEITVIEW JENKINS VALORIE	USA 72250134						
SEITVIEW LASER BELLA	USA 74202981						
SEITVIEW LEVI ARIEL	USA 72250125						
SEITVIEW LUMBERJACK ELLE	USA 71428599						
SEITVIEW MALLINGER AMBERLEE	USA 74202973						
SEITVIEW MALLINGER DIXIE	USA 73192781						1
SEITVIEW MALLINGER MAGGIE	USA 73192779						
SEITVIEW MALLINGER NINA	USA 74202974						
SEITVIEW MAN-O-MAN 2 ALICE	USA 71428600						
SEITVIEW MAN-O-MAN KIMIE	USA 72250120						
SEITVIEW MAN-O-MAN MELODY	USA 70741403						
SEITVIEW MASSEY LATISHA	USA 73192764						
SEITVIEW MCCORMICK IDA	USA 70741410						
SEITVIEW MEGASIRE GOLD	USA 74202977						
SEITVIEW MEGASIRE MACY	USA 74202990						
SEITVIEW MEGASIRE SIERRA	USA 74202988	C					
SEITVIEW METEOR SHAUNA	USA 73192780						
SEITVIEW METZ SHELBY	USA 73192771						
SEITVIEW MOGUL GRETA	840003133250732						
SEITVIEW MOGUL ISABEL	840003133250727						
SEITVIEW MOVIERUSH BIDY	USA 73192766						
SEITVIEW O-STYLE KASSIE	USA 70741411						
SEITVIEW OBSERVER BELLA	840003133250720						
SEITVIEW PALERMO CARIMIE	USA 74202985	C					1
SEITVIEW PALERMO COLLEEN	USA 74202975	C					
SEITVIEW PALERMO JENI	USA 72250135	C					
SEITVIEW PIRATE CARLEY	840003133250722						
SEITVIEW PLANET RAE	USA 70741413						
SEITVIEW RACER CONNIE	USA 74202992						
SEITVIEW REG IOTA MERCEDES	USA 73192778						
SEITVIEW SANCHEZ TWYLA	USA 66393917						
SEITVIEW SHARKY MOLLIE	USA 71428597						
SEITVIEW SHOT GUNNY	USA 74202983						1
SEITVIEW SHOT LONDON	USA 74202987					C	
SEITVIEW SUGGS FAITH	840003133250729						
SEITVIEW SUGGS KALIE	840003133250730			C			
SEITVIEW SUPER DELIGHT	USA 71428598						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEITVIEW SUPER GYPSA	USA 71428612						
SEITVIEW SUPER HIANNA	USA 73192763						
SEITVIEW SUPER JESS	USA 72250137						
SEITVIEW SUPER VENUS	USA 71428601						
SEITVIEW SUPERSIRE ALEXIA	USA 73192768						
SEITVIEW SUPERSIRE WHITNEY	USA 73192776						
SEITVIEW SUPERSTITN MARSH	USA 73192777						
SEITVIEW TANGO MORGAN	USA 74202976		C				
SEITVIEW TANGO TANYA	840003133250725		C				
SEITVIEW TSTRY EAZY CRI-ET	USA 63285363						
SEITVIEW TSTRY EL CRI-ET	USA 63285375						
SEITVIEW WATSON JILL-TW	USA 73192775					C	
SEITVIEW WATSON LESLIE-TW	USA 73192774					C	
SEITVIEW WATSON TESS	USA 73192772			C		C	
SEJOUR PERREAULT SHOTTLE MISTY	CAN 105679417					C	
SEL-EM-JAKE PEMBROKE MIA	USA 68686081						
SEL-EM-JAKE YANO KORA	USA 68686109						
SELDOM-SEEN BEAST SKI JUMP	840003130323448						
SELDOM-SEEN CHOPS MAE-ET	840003013224347						
SELDOM-SEEN CHPS LIL MAE-ET	840003013224341						
SELDOM-SEEN EZ CHOPS MAE-ET	840003013224390						
SELDOM-SEEN LAUGHING SNOW	840003130323458						
SELKS ABSOLUTE 4144 ABILENE	USA 71620937	C					
SELKS DOM MINNIE MOUSE	USA 71620936						
SELLCREST AD CHAR-RED-ET	USA 63925781						
SELLCREST L DELIA P-RED-ET	USA 70843075						
SELLCREST LB MISSY-RED-ET	USA 69085955						
SELZ-PRALLE DEAN PATTY 4395	USA 71420897						
SELZ-PRALLE DERRY 2441	USA 127255316			C			
SELZ-PRALLE G PATTY 3992-ET	USA 66254088						
SELZ-PRALLE ZENITH 2543	USA 60927457						
SEMI-CHARMED ERSKINE RIPPLE	840003011512637						
SEMI-CREST DALT EVA	USA 58410286						
SEMI-CREST EVANESSANCE-ET	USA 66995960						
SEMI-CREST MOGUL ELO	840003132787854						
SEMI-CREST PADLOCK EMBER	840003012341960						
SEMI-CREST UMAN EILA	840003010318189					C	
SEMI-SWEET MAGENTA RUU-ET	840003013555059		C				3
SEMI-SWEET MOGUL RI-RI	840003127682100						
SENLAND CARUSO SAMARRA-ET	USA 142497928						
SENLAND CLARK NIKKY	USA 143137726		C				
SENLAND GABOR BLAISE	USA 140847893						
SENLAND GABOR SALAMONA	USA 140842030						
SENLAND GOLD CHIP SARAHANN	USA 142071454						
SENLAND JUROR STARLA	USA 135816961						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SENLAND MICH BELLE	USA 135135961						
SENLAND OMAN SABLE	USA 138067133						
SENLAND WIZARD BING	USA 136122919						
SEQUA LINJET JAMIE	USA 132312749						
SER-REAL ADVENT ADRIANNE	USA 141192736						
SER-REAL-JH APPLE ANNIE-RED	840003129433462						1
SERENITYHILL AIRRAID FAWN-ET	CAN 9795505						
SERENITYHILL FROSTY-ET	CAN 9544357						
SERENITYHILL MANOMAN FANTA-ET	CAN 11089743						
SERENITYHILL NIAGRA ROZ-ET	CAN 9544358						
SERENITYHILL TOPSY-ET	CAN 8948351					C	
SERIC BREWMASTER SABRINA	CAN 107946168						
SERIC EPIC MAYANA-ET	CAN 107764503						
SERIC FACEBOOK SUSAN	CAN 107946166						
SESSINK RUDOLPH TONYA	CAN 8083494						
SEVEN-GEN FINLEY DILARA	USA 61027011	C					
SEVEN-GEN LIGHTING ELTA	USA 61026973						
SEVENSISTERS AVAL AMITY-ET	840003127677989						
SEVENSISTERS L HELEN-RED-ET	USA 72881551						
SEVENSISTERS LA P BEAUTY-ET	USA 72414566						
SEVENSISTERS LHONEY-RED-ET	USA 72881553						
SEVENSISTERS LP HOPE-RED-ET	USA 72881554						
SEVENSSTER ADCTN HEROIN-RED	840003129888930						1
SEVENTY-NINE ALEXANDRA-ET	USA 71371269						1
SEVENTY-NINE ALEXNDR AVA-ET	USA 142446146						1
SEVENTY-NINE SHOT ARTILRY	840003011670215						
SEWARDS-FOLLY ABRAM 3162	840003134511612						
SEWARDS-FOLLY AXFORD 3159	840003134511609						
SEWARDS-FOLLY BRADN 3147-TW	840003134511597						
SEWARDS-FOLLY BRADN 3148-TW	840003134511598						
SEWARDS-FOLLY BRADNICK 3151	840003134511601						
SEWARDS-FOLLY BRADNICK 3163	840003134511613						
SEWARDS-FOLLY DECEIVER 3141	840003133501131			C			
SEWARDS-FOLLY GOLDCHIP 3174	840003135136558						
SEWARDS-FOLLY GOLDCHIP 3175	840003135136559						
SEWARDS-FOLLY GREENWAY 3133	840003133501123						
SEWARDS-FOLLY GREENWAY 3161	840003134511611	C					
SEWARDS-FOLLY KINGBOY 3155	840003134511605						
SEWARDS-FOLLY KINGBOY 3169	840003134511619	C					
SEWARDS-FOLLY LENOX 3134	840003133501124						
SEWARDS-FOLLY MILES 3137	840003133501127						
SEWARDS-FOLLY MILSON 3156	840003134511606						
SEWARDS-FOLLY MOGUL 3131	840003133501121						
SEWARDS-FOLLY MOGUL 3136	840003133501126						
SEWARDS-FOLLY MOGUL 3142	840003134511592						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SEWARDS-FOLLY MOGUL 3145	840003134511595						
SEWARDS-FOLLY MOGUL 3154	840003134511604						
SEWARDS-FOLLY MOGUL 3158	840003134511608						
SEWARDS-FOLLY MOGUL 3167	840003134511617						
SEWARDS-FOLLY MOGUL 3168	840003134511618						
SEWARDS-FOLLY MONTNEY 3172	840003135136556						
SEWARDS-FOLLY MONTNEY 3176	840003135136560			C			
SEWARDS-FOLLY MONTROSS 3170	840003134511620						
SEWARDS-FOLLY MONTROSS 3171	840003134511621						
SEWARDS-FOLLY OUTSIDE VELMA	USA 61942996						
SEWARDS-FOLLY PETY 3138	840003133501128						
SEWARDS-FOLLY PETY 3144	840003134511594						
SEWARDS-FOLLY PETY 3166	840003134511616						
SEWARDS-FOLLY READY PETUNIA	USA 62141620						
SEWARDS-FOLLY SHAMROCK 3140	840003133501130						
SEWARDS-FOLLY SHAMROCK 3149	840003134511599						
SEWARDS-FOLLY SHAMROCK 3150	840003134511600						
SEWARDS-FOLLY SHAMROCK 3173	840003135136557						
SEWARDS-FOLLY SPUR 3132	840003133501122						
SEWARDS-FOLLY SPUR 3135	840003133501125						
SEWARDS-FOLLY SPUR 3164	840003134511614						
SEWARDS-FOLLY SUBRARO 3153	840003134511603						
SEWARDS-FOLLY SUPERSRE 3139	840003133501129			C			
SEWARDS-FOLLY WONKA 3160	840003134511610						
SEWARDS-FOLLY YANCE 3143	840003134511593						
SEXTON LOGAN AURORA-RED	USA 55624271						
SFF ALPHA 4283	840003015018121						
SFF ALPHA 4331	840003015018169						
SFF ANTRIM 4337	840003015018175						
SFF ANTRIM 4340	840003015018178						
SFF ANTRIM 4345	840003015018183						
SFF ANTRIM 4348	840003015018186						
SFF ANTRIM 4352	840003015018190						
SFF ANTRIM 4363	840003015018201						
SFF ANTRIM 4379	840003015018217						
SFF ARMANI 4327	840003015018165			C			
SFF ARMANI 4342	840003015018180						
SFF ARMANI 4408	840003015018246						
SFF ARMANI 4441	840003015018279						
SFF BAZOOKA 3921-TW	USA 72766130						
SFF BEACON 3727	USA 72765936					C	
SFF BEACON 3876	USA 72766085					C	
SFF BEACON 3881	USA 72766090					C	
SFF BEACON 3906	USA 72766115					C	
SFF BEACON 3944	USA 72766153					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF BEACON 4014	840003015017852						
SFF BETTMAN 4471	840003015018309						
SFF BGOOD 4649	840003130003762						
SFF BGOOD 4660	840003130003773						
SFF BOWIE 4054	840003015017892						
SFF BOWIE 4141	840003015017979						3
SFF BOWIE 4158	840003015017996						
SFF BOWIE 4176-TW	840003015018014						
SFF BURLOAK 4208	840003015018046	C					
SFF BURLOAK 4276	840003015018114						
SFF BURLOAK 4304	840003015018142						
SFF BURLOAK 4325	840003015018163						
SFF BURLOAK 4361	840003015018199						
SFF BURLOAK 4445	840003015018283			C			
SFF CLARK 3680	USA 72124879						
SFF CR 4653	840003130003766						
SFF CR 4655	840003130003768						
SFF CR 4657	840003130003770						
SFF DETAIL 4669	840003130003782						
SFF DETAIL 4717	840003130003830						
SFF DETAIL 4723	840003130003836						
SFF DETAIL 4732	840003130003845			C			
SFF DOBERMAN 3747	USA 72765956						
SFF DOBERMAN 3793	USA 72766002						
SFF DOBERMAN 3855	USA 72766064						
SFF DOBERMAN 3902	USA 72766111						
SFF DOBERMAN 3926	USA 72766135						
SFF DOBERMAN 4000	840003015017838						
SFF DOM 4060	840003015017898						
SFF DOM 4133	840003015017971						
SFF DOM 4164	840003015018002						
SFF EMBASSY 4465	840003015018303						
SFF FENWICK 4228	840003015018066						
SFF FENWICK 4267	840003015018105						
SFF FENWICK 4315	840003015018153						
SFF FENWICK 4362	840003015018200						
SFF FENWICK 4367-TW	840003015018205						
SFF FENWICK 4372	840003015018210						
SFF FENWICK 4382	840003015018220	C					
SFF FENWICK 4420	840003015018258						
SFF FENWICK 4428	840003015018266						
SFF FENWICK 4431	840003015018269						
SFF FLEX 4637	840003130003750						
SFF FLEX 4638	840003130003751						
SFF FLEX 4652	840003130003765						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF FRANK 3668-TW	USA 72124867						
SFF GARRETT 3781	USA 72765990						
SFF GARRETT 3882	USA 72766091						
SFF GARRETT 3899	USA 72766108						
SFF GARRETT 3905	USA 72766114						
SFF GARRETT 3915	USA 72766124						
SFF GARRETT 3941	USA 72766150						3
SFF GARRETT 4008	840003015017846						
SFF GARRETT 4025	840003015017863						
SFF GERARD 3907	USA 72766116						
SFF GERARD 3912	USA 72766121						
SFF GERARD 3924	USA 72766133						
SFF GERARD 3970	USA 72766179						
SFF GERARD 4018	840003015017856						
SFF JACKMAN 4286	840003015018124						
SFF JACKMAN 4288	840003015018126						
SFF JACKMAN 4292	840003015018130						
SFF JACKMAN 4297	840003015018135						
SFF JACKMAN 4299	840003015018137			C			
SFF JACKMAN 4301	840003015018139			C			
SFF JACKMAN 4308	840003015018146						
SFF JACKMAN 4314	840003015018152						
SFF JACKMAN 4347	840003015018185						
SFF JACOB 3681	USA 72124880						
SFF JOHNSON 4188	840003015018026						
SFF JOHNSON 4193-TW	840003015018031						
SFF JOHNSON 4194-TW	840003015018032			C			
SFF JOHNSON 4215	840003015018053						
SFF JOHNSON 4220-TW	840003015018058						
SFF JOHNSON 4221	840003015018059			C			
SFF JOHNSON 4229	840003015018067			C			
SFF JULY 4004	840003015017842						
SFF JULY 4028	840003015017866						
SFF JULY 4034	840003015017872						
SFF KADO 4646	840003130003759						
SFF KADO 4826	840003130003939						
SFF LEAF 4654	840003130003767						
SFF LEAF 4677	840003130003790						
SFF LEAF 4684	840003130003797						
SFF LEAF 4689	840003130003802						
SFF LEAF 4722	840003130003835						
SFF LEAF 4729	840003130003842						
SFF LEAF 4764	840003130003877						
SFF LEAF 4792	840003130003905						
SFF LEAF 4819	840003130003932			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF LEAF 4833	840003130003946						
SFF MERCI 4279	840003015018117						
SFF MERCI 4287	840003015018125						
SFF MERCI 4300	840003015018138						
SFF MERCI 4338	840003015018176						
SFF NETBOOK 4204	840003015018042						
SFF NETBOOK 4227	840003015018065						
SFF ONESHOT 4022	840003015017860						
SFF ONESHOT 4029	840003015017867						
SFF PITA 4633	840003130003746						
SFF PITA 4639	840003130003752						
SFF PITA 4658	840003130003771						
SFF PITA 4661	840003130003774						
SFF PITA 4667	840003130003780						
SFF PITA 4674	840003130003787						
SFF PITA 4676	840003130003789						
SFF PITA 4686	840003130003799						
SFF PITA 4693	840003130003806						
SFF PITA 4700	840003130003813						
SFF PITA 4707	840003130003820						
SFF PITA 4708	840003130003821						
SFF PITA 4719	840003130003832						
SFF PITA 4725	840003130003838						
SFF PITA 4727	840003130003840						
SFF PITA 4735	840003130003848						
SFF PITA 4739	840003130003852						
SFF PITA 4741	840003130003854						
SFF PITA 4744	840003130003857						
SFF PITA 4748	840003130003861						
SFF PITA 4751	840003130003864						
SFF PITA 4752	840003130003865						
SFF PITA 4753	840003130003866						
SFF PITA 4766-TW	840003130003879						
SFF PITA 4767-TW	840003130003880						
SFF PITA 4785	840003130003898						
SFF PITA 4790	840003130003903						
SFF PITA 4801	840003130003914						
SFF PITA 4814	840003130003927						
SFF PLANO 4217-TW	840003015018055						
SFF PLANO 4218-TW	840003015018056						
SFF PLANO 4266	840003015018104			C			
SFF PLANO 4284	840003015018122						
SFF PLANO 4290	840003015018128			C			
SFF PLANO 4291	840003015018129						
SFF PLANO 4293	840003015018131						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF PLANO 4303	840003015018141						
SFF PLANO 4307	840003015018145						
SFF PLANO 4339	840003015018177						
SFF PLANO 4353	840003015018191						
SFF PONDER 3756	USA 72765965						
SFF PONDER 3901	USA 72766110						
SFF PRESET 4468	840003015018306						
SFF RAY 4294	840003015018132						
SFF RAY 4343	840003015018181						
SFF ROBLE 4765	840003130003878						
SFF ROBLE 4779	840003130003892						
SFF ROBLE 4798	840003130003911						
SFF ROCCO 4317	840003015018155						
SFF ROCCO 4358	840003015018196						
SFF ROCCO 4369	840003015018207						
SFF ROCCO 4371	840003015018209						
SFF ROCKMAN 4636	840003130003749						
SFF ROCKMAN 4640	840003130003753						
SFF ROCKMAN 4644	840003130003757						
SFF ROCKMAN 4668	840003130003781						
SFF ROCKMAN 4683	840003130003796						
SFF ROCKMAN 4685	840003130003798						
SFF ROCKMAN 4687	840003130003800						
SFF ROCKMAN 4688	840003130003801						
SFF ROCKMAN 4690	840003130003803						
SFF ROCKMAN 4692	840003130003805						
SFF ROCKMAN 4697	840003130003810						
SFF ROCKMAN 4702	840003130003815						
SFF ROCKMAN 4703	840003130003816						
SFF ROCKMAN 4705	840003130003818						
SFF ROCKMAN 4716	840003130003829						
SFF ROCKMAN 4720	840003130003833						
SFF ROCKMAN 4721	840003130003834						
SFF ROCKMAN 4731	840003130003844						
SFF ROCKMAN 4734	840003130003847						
SFF ROCKMAN 4740	840003130003853						
SFF ROCKMAN 4755	840003130003868						
SFF ROCKMAN 4760	840003130003873						
SFF ROCKMAN 4771	840003130003884						
SFF ROCKMAN 4773	840003130003886						
SFF ROCKMAN 4774	840003130003887						
SFF ROCKMAN 4782	840003130003895						
SFF ROCKMAN 4786	840003130003899						
SFF ROCKMAN 4810	840003130003923						
SFF ROCKMAN 4812-TW	840003130003925						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF ROCKMAN 4813-TW	840003130003926						
SFF ROCKMAN 4821	840003130003934						
SFF ROCKMAN 4827	840003130003940						
SFF ROCKMAN 4832	840003130003945						
SFF SANFORD 4467	840003015018305						
SFF SEDARA 4277	840003015018115						
SFF SEDARA 4295	840003015018133						
SFF SEDARA 4311-TW	840003015018149						
SFF SHOUT 3895	USA 72766104	C					
SFF SHOUT 3916	USA 72766125						
SFF SHOUT 3963	USA 72766172						
SFF SONOMA 4026	840003015017864						
SFF SPRING 4666	840003130003779						
SFF SPRING 4671	840003130003784						
SFF SPRING 4695	840003130003808						
SFF SPRING 4696	840003130003809						
SFF SPRING 4698	840003130003811						
SFF SPRING 4704	840003130003817						
SFF SPRING 4713	840003130003826						
SFF SPRING 4714	840003130003827						
SFF SPRING 4724	840003130003837						
SFF SPRING 4728	840003130003841						
SFF SPRING 4738	840003130003851						
SFF SPRING 4742	840003130003855						
SFF SPRING 4745	840003130003858						
SFF SPRING 4759	840003130003872						
SFF SPRING 4761	840003130003874						
SFF SPRING 4770	840003130003883						
SFF SPRING 4775-TW	840003130003888						
SFF SPRING 4776-TW	840003130003889			C			
SFF SPRING 4784	840003130003897						
SFF SPRING 4797	840003130003910						
SFF SPRING 4802	840003130003915						
SFF SPRING 4805	840003130003918						
SFF SPRING 4815	840003130003928						
SFF SPRING 4824	840003130003937						
SFF SPRING 4829	840003130003942						
SFF ST GEN PURSUE 71075	840003123614864						
SFF STEWART 4059	840003015017897						
SFF STEWART 4080	840003015017918						
SFF STEWART 4088	840003015017926						
SFF STEWART 4092	840003015017930						
SFF STEWART 4170	840003015018008						
SFF TERRA 4310	840003015018148						
SFF TERRA 4319	840003015018157						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SFF TERRA 4322	840003015018160						
SFF TERRA 4336	840003015018174						
SFF TERRA 4373	840003015018211						
SFF TERRA 4400	840003015018238		C				
SFF TYSON 4056	840003015017894					C	
SFF TYSON 4058	840003015017896					C	
SFF TYSON 4129	840003015017967						
SFF TYSON 4137	840003015017975						
SFF TYSON 4144	840003015017982						
SFF TYSON 4181	840003015018019			C			
SFF TYSON 4207	840003015018045						
SFF UNESCO 4157	840003015017995						
SFF VULCAN 4020	840003015017858			C			
SFF WISEMAN 4354	840003015018192			C			
SFF WISEMAN 4355	840003015018193						
SFF WISEMAN 4357	840003015018195						
SFF WISEMAN 4374	840003015018212						
SFF WISEMAN 4415	840003015018253						3
SG PAULA	DNK 4317101144				C		
SGD 15338	840003010231186						
SGD 15339-ET	840003010231187					C	
SGD 15576	840003011288899						
SGD 16210	840003011658009						
SGD 16283	840003011658082						
SGD 16309	840003011658108						
SGD 16332	840003011658131						
SGD 16335	840003011658134						
SGD 16356	840003011658155	C					
SGD 16394	840003011658193						
SGD 16404	840003011658203					C	
SGD 16406	840003011658205						
SGD 16409	840003011658208						
SGD 16413	840003011658212						3
SGD 16414	840003011658213						
SGD 16446	840003011658245						
SGD 16447	840003011658246						
SGD 16451	840003011658250						
SGD 16457	840003011658256						
SGD 16466	840003011658265						
SGD 16501	840003012994514						
SGD 16502	840003012994515						
SGD 16510	840003012994523						
SGD 16521	840003012994534	C					
SGD 16525	840003012994538						
SGD 16532	840003012994545						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SGD 16536	840003012994549						
SGD 16542	840003012994555						
SGD 16548	840003012994561		C				
SGD 16556	840003012994569						
SGD 16672	840003012994685						
SGD 16698	840003012994711						
SGD 16701	840003012994714						
SGD 16702	840003012994715						
SGD 16714	840003012994727						
SGD 16864	840003012994877						
SGD 16871	840003012994884						
SGD 16928	840003012994941						
SGD 17015	840003123621425						
SGD 17063	840003123621473						
SGD 17090	840003123621500		C				
SGD 17141	840003123621551						
SGD 17161	840003123621571						
SGD 17164	840003123621574	C					3
SGD 17172	840003123621582						
SGD 17176	840003123621586						
SGD 17178	840003123621588			C			
SGD 17181	840003123621591						
SGD 17186	840003123621596						
SGD 17197	840003123621607						
SGD 17208	840003123621618	C					
SGD 17221	840003123621631						
SGD 17225	840003123621635						
SGD 17239	840003123621649						
SGD 17240	840003123621650						
SGD 17247	840003123621657						
SGD 17291	840003123621701					C	
SGD 17301	840003123621711						
SGD 17304	840003123621714			C			
SGD 17345	840003123621755						
SGD 17352	840003123621762						
SGD 17371	840003123621781						
SGD 17376	840003123621786			C			
SGD 17398	840003123621808						
SGD 17410	840003123621820						
SGD 17421	840003123621831						
SGD 17486	840003123621896						
SGD 17497	840003123621907						3
SGD 17518	840003125211458						
SGD ABERLIN 14138	840003009259302						
SGD ACCOUNT 19488	840003132622918	C					1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SGD ACCOUNT 19498	840003132622928						1
SGD ACTUAL 17188	840003123621598						
SGD ACTUAL 17190	840003123621600						
SGD AIDAN 17576	840003125211516						
SGD ALTAALLEGRO 8482	USA 62257003			C			
SGD ALTAALLY 7719	USA 61879289						
SGD ALTAVERGLADE 16619	840003012994632						
SGD ANAHIEM 17885	840003125211825						
SGD ANTEUP 18976	840003130079296						
SGD ANTEUP 19022	840003132622452						
SGD ANTEUP 19126	840003132622556						
SGD APPEAL 18586	840003130078906						
SGD BIRCH 19474	840003132622904						
SGD BOMBERO 18472	840003127914389						
SGD BOXER 17079	840003123621489						
SGD CAPTAIN 19461	840003132622891						
SGD CASHBACK 19416	840003132622846					C	3
SGD CAVIAR 18546	840003130078866						
SGD CENTRIC 17914	840003125211854						
SGD CERTAIN 18897	840003130079217						
SGD CR 19269	840003132622699						
SGD CR 19412	840003132622842						
SGD CR 19435	840003132622865						
SGD DAMAGE 17520	840003125211460			C		C	
SGD DANTE 19486	840003132622916						
SGD DEFENDER 17792	840003125211732						
SGD DEFENDER 18022	840003127913939						
SGD DEFENDER 18038	840003127913955						
SGD DELTA 18740	840003130079060						
SGD DEUCE 19245	840003132622675						
SGD DIE-HARD 7060	USA 61544766						
SGD DIE-HARD 7160	USA 61544866						
SGD DIECAST 18874	840003130079194					C	
SGD DONATELLO 17998	840003125211938						
SGD DONATELLO 18025	840003127913942						
SGD DOORMAN 17313	840003123621723						
SGD DREW 16570	840003012994583	C					
SGD DURANGO 17517	840003125211457						
SGD EACH ONE 17388	840003123621798			C			
SGD ELEGANT 17033	840003123621443						
SGD EMERALD 18112	840003127914029						
SGD EQUITY 19451	840003132622881						
SGD EQUITY 19509	840003135301414						
SGD FACEBOOK 14836-ET	840003009719478						
SGD FACEBOOK 17133	840003123621543						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SGD FACEBOOK 17336	840003123621746			C			
SGD FACTOR 19460	840003132622890						
SGD FIREWALL 19175	840003132622605						
SGD GENUINE 19195	840003132622625						
SGD HALEY 17048	840003123621458						
SGD HALEY 17442	840003123621852						
SGD HOLIDAY 17605	840003125211545					C	
SGD JACKMAN 17510	840003125211450						
SGD JACKMAN 18375	840003127914292						
SGD JACKMAN 18388	840003127914305						
SGD JAX-P 19537	840003135301442						
SGD JETSET 17659	840003125211599						
SGD JETSET 17940	840003125211880					C	
SGD JUSTWAY 17454	840003123621864						
SGD KADO 18363	840003127914280						
SGD KADO 18717	840003130079037						1
SGD LA-BRON 17645	840003125211585						
SGD LANCOME 18563	840003130078883						
SGD LANCOME 18744	840003130079064						
SGD LANCOME 18748	840003130079068						
SGD LANGDON 18523	840003130078843						
SGD LASER 18101	840003127914018						
SGD LOKI 17080	840003123621490						
SGD LOTUS 19155	840003132622585						
SGD MADEA 18937	840003130079257						
SGD MAGNATE 18517	840003130078837						
SGD MAYFIELD 17204	840003123621614			C			
SGD MAYFIELD 17522	840003125211462						
SGD MAYFIELD 17526	840003125211466						1
SGD MCCUTCHEN 16853	840003012994866						
SGD MCCUTCHEN 17392	840003123621802						
SGD MCCUTCHEN 18037	840003127913954						
SGD MCCUTCHEN 18040	840003127913957						
SGD MCCUTCHEN 18074	840003127913991						
SGD MCCUTCHEN 18225	840003127914142						
SGD MCCUTCHEN 18226	840003127914143			C			
SGD MCCUTCHEN 18240	840003127914157						
SGD MCCUTCHEN 18273	840003127914190						
SGD MCCUTCHEN 19481	840003132622911						
SGD MEL 16867	840003012994880					C	
SGD MESMER 19255	840003132622685						
SGD MILES 18232	840003127914149						
SGD MOGUL 17379	840003123621789						
SGD MOGUL 17535	840003125211475	C					
SGD MOGUL 18084	840003127914001						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SGD MOSCATO 19193	840003132622623						
SGD MYOMY 19515	840003135301420						
SGD MYSPACE 18311	840003127914228						
SGD NOMINEE 17803	840003125211743						
SGD NUMERO UNO 17391	840003123621801						
SGD OAK 17794	840003125211734						
SGD OBSERVER OLGA	840003009259419						
SGD OOMBERG 18746	840003130079066						
SGD OOMBERG 19080	840003132622510						
SGD OOMBERG 19158	840003132622588						
SGD PEPPERJACK 19189	840003132622619						
SGD PEPPERJACK 19224	840003132622654						
SGD PEPPERJACK 19238	840003132622668						
SGD PONTOS 19240	840003132622670						
SGD PONTOS 19253	840003132622683						
SGD PRODUCTION 18405	840003127914322						
SGD RADAR 19300	840003132622730						
SGD RAMOS 7179	USA 61544885						
SGD RAMOS 7275	USA 61711567						
SGD ROCKMAN 19324	840003132622754						
SGD SAINT 18446	840003127914363						
SGD SAINT 18450	840003127914367						
SGD SAMPSON 19421	840003132622851	C					
SGD SARNIA SALLY	840003009259370						
SGD SHAMROCK 17503	840003125211443						
SGD SHAN 16775	840003012994788						
SGD SHEP 19386	840003132622816						
SGD SKYMONT 17833	840003125211773						
SGD SKYMONT 17954	840003125211894						
SGD SOCIETY 19235	840003132622665						
SGD SPLAN 18928	840003130079248						
SGD SUPERSEDE 17844	840003125211784						1
SGD SUPERSIRE 18847	840003130079167						
SGD SUPERSIRE 19077	840003132622507						
SGD SUPERSIRE 19215	840003132622645						
SGD SUPERSIRE 19352	840003132622782						
SGD TEDDY 17552	840003125211492						
SGD TENACITY 18667	840003130078987			C			
SGD UNO 17709	840003125211649						
SGD VINO 18709	840003130079029			C			
SGD VINO 19278	840003132622708						
SGD VINO 19285	840003132622715						
SGD YENNY 19480	840003132622910						
SH-LG ARMANI LIBBI-ET	USA 143556387						
SH-LG CAP GAIN LIQUOR-ET	USA 143336170						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SH-SW SHOTTLE REASON-ETS	USA 140395873					C	
SHA-D-RICK PROMTO EDIE	USA 140633429						
SHA-VIEW LOTHARIO ALICE	USA 70587529			C			
SHACIR 6455-ET	DEU 1403576455		C				3
SHADOW-RIDGE B MISCHIEF-ET	USA 65901139						
SHADOW-RIDGE JS MISS-ET	USA 65901134						
SHADOW-W ASTRO BIANCA	USA 137404373						
SHADOW-W SID SERENTY-ET	USA 142457809						
SHADY-HOPE PRINCETON HOPE	USA 78286712						
SHADY-LAND ADV ARDEL-RED-ET	USA 64124164						
SHADYCREST ELTON EMBASSY-ET	USA 15523937						
SHADYCREST FEVER CHILL	USA 74192617						
SHADYCREST FREDDIE CABARET	USA 56282497						
SHADYCREST ROEBUCK ELLIE	USA 15169740	C					
SHADYCREST SKYMONT CRUZ	USA 74192616						
SHADYCREST WB AVIATOR	USA 56517565						
SHADYCREST-1 BLVR LAUREN-ET	USA 66893879						
SHADYCREST-1 BURT MARGE-ET	USA 61892686						
SHADYCREST-1 O-MAN JEWELS	USA 61892664						
SHADYCREST-1 SOSA FLIRT-ET	USA 61892660						
SHADYCREST-E WIZARD KRISTYN	USA 61817353						
SHADYCREST-H 2357	USA 62345162						
SHADYCREST-H 3001	USA 73300662			C			
SHADYCREST-H 3003-TW	USA 73300664			C			
SHADYCREST-H 3009	USA 73300670						
SHADYPASSION BOOKEM 5211	USA 69830909						
SHADYPASSION DENIM 5420	USA 70273832						
SHADYPASSION HERO 5690	USA 70274102			C			
SHADYPASSION JARMIL 5168-TW	USA 69830866						
SHADYPASSION JARMIL 5169-TW	USA 69830867						
SHADYPASSION MASSEY 5917	USA 72146595						
SHADYPASSION MAURICE 7005	USA 72146683						
SHADYPASSION MAURICE 7151	USA 72146829						
SHADYPASSION MAURICE 7165	USA 72146843						
SHADYPASSION NIFTY 4116	USA 65895620						
SHADYPASSION SEATTLE 5768	USA 72146446						
SHADYPASSION SHAMROCK 5762	USA 72146440						
SHADYTOP MAGNETO AROLAM	USA 142974805						
SHALE-RIDGE LAWN 1732-RED	USA 66866314						
SHAMDALE DEAN MITZY	USA 73075784						
SHAMDALE REALITY VINE	USA 66762083						1
SHANA-RAE JT ZENYATA-RED-ET	840003004722551						
SHANICE-ET	NLD 570437514			C			
SHANICE-ET	NLD 570437608						
SHANKS 1016 AVERY 105	USA 72706027			C			1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHANKS 1016 DICKEY 1424	USA 71534718						
SHANKS 1016 JURYMAN 1372	USA 65725129						
SHANKS 1372 ALEXANDR 121-TW	840003013514777						
SHANKS 1372 CENA 1462	USA 72288820						
SHANKS 1424 APPLES ACT 122	840003013514778						
SHANNONDOAH MADISON CARRIE	USA 128381780						
SHANNONDOAH PETALS	USA 15867607						
SHANTINE ALTAPLANO LUCY	840003127745109						
SHAR-RICH APPLE CRISP LORI	USA 143375029						
SHAR-RICH CASHMN POKEY-RED	USA 141251165						3
SHAR-RICH DOMINANT DABS	USA 143126915					C	
SHARO-DAN DAKKER 808-RED	USA 74425493						
SHARON 15	NLD 488168089						
SHAWNEE BRAXTON ALLEY-ET	USA 71767517						3
SHAWNEE GOLDWYN SAVINA-ET	USA 62679796						
SHAWNEE LANCELOT STYLISH-ET	USA 61977988						
SHAWNEE SHOTTLE SHINEY-ET	USA 61978045					C	
SHAWNEE-BOB LADD BRANDY-RED	USA 142917534						1
SHB MRSPOL-ET	DEU 940315261						
SHE-KEN ACME REBA	USA 142057157						1
SHE-KEN APPLE DUMPLE-RED-ET	USA 72713009					C	3
SHE-KEN ARMANI MADRID	840003013217543						
SHE-KEN BEEMER BROOK	USA 143610702						
SHE-KEN BUTZ BRAX FOR-EVER	USA 141729439						
SHE-KEN NMERO UNO BONNIE-ET	USA 71085954						1
SHE-KEN NUMERO UNO BARB-ET	USA 71085949						
SHE-KEN NUMERO UNO BAYLE-ET	USA 71085947						
SHE-KEN NUMERO UNO BREA-ET	USA 71085951						
SHE-KEN PATS SS PENELOPE	USA 72313140						
SHE-KEN SANCHEZ GRACIOUS	USA 141314712						
SHE-KEN SHAMROCK BRACE-TW	USA 71290840						
SHE-KEN SHAMROCK BRADY-TW	USA 71290841						
SHE-KEN SHOWDOWN VIOLET-RED	USA 142400928						1
SHE-KEN SUPER BLUE-ET	USA 72127456						
SHE-KEN UNO DARLING-ET	USA 72713023						1
SHE-KEN YANO BROCA	USA 71085944						
SHE-KEN-BUTZ BARBIE DOLL	USA 72713016						
SHE-KEN-CARPS HOTSHOT-ET	USA 142118261						
SHEA-HI BUCKEYE HEATHER-ET	USA 62860153						
SHEA-HI DAMION AMBER	USA 64714932						1
SHEA-HI INTEGRITY HETA	USA 72375878						
SHEA-ROCK ADV AMBER-RED-ET	USA 66220660						
SHEA-ROCK GOLDWYN ADI-ET	USA 66220651						
SHEA-ROCK GOLDWYN AVA-ET	USA 66220652						
SHEA-ROCK SHOTTLE ALLIE-ET	USA 66220653						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHEA-ROCK SHOTTLE AVERY-ET	USA 66220654					C	
SHEAOLA SPRING 5338-ET	840003133227869						
SHEBS GOLDWYN HAWAII-ET	USA 140802135						
SHEDD C RLTY ALLEY III-RED	840003130799796						1
SHEEKNOLL ABRAM BENITA	USA 68777363						
SHEEKNOLL ATWOOD 2562-ET	840003126634689						
SHEEKNOLL ATWOOD 2565-ET	840003126634692						
SHEEKNOLL ATWOOD 2566-ET	840003126634693						
SHEEKNOLL ATWOOD EMPRESS	USA 72790571						
SHEEKNOLL BEEMER 2577-ET	840003126634704						
SHEEKNOLL BEEMER 2580-ET	840003126634707						
SHEEKNOLL BEEMER 2587	840003126634714						
SHEEKNOLL BEEMER 2596-ET	840003126634723						
SHEEKNOLL BEEMER 2597-ET	840003126634724						
SHEEKNOLL BRET SUPER	USA 61868932						
SHEEKNOLL BRONCO BETHANY	USA 70287096						
SHEEKNOLL DAKKER 1552-RED	USA 71581083						1
SHEEKNOLL DENIM 1496	USA 70908162						
SHEEKNOLL DENIM 1512	USA 71581043						
SHEEKNOLL DISGUISE 1950	840003127341067						
SHEEKNOLL DISTINCT 1465	840003125088054						
SHEEKNOLL DOORMAN 2563-ET	840003126634690						
SHEEKNOLL DOORMAN 2564-ET	840003126634691						
SHEEKNOLL DOORMAN 2571-ET	840003126634698					C	
SHEEKNOLL DOORMAN 2583	840003126634710					C	
SHEEKNOLL DORCY ELISE	USA 72790577						
SHEEKNOLL DURHAM ARROW	USA 66406394						
SHEEKNOLL DURHAM ROXY	USA 61604856						
SHEEKNOLL EMERALD 1985	840003127341102						
SHEEKNOLL FEVER 1951	840003127341068						
SHEEKNOLL FEVER FIREFLY	840003014296211						
SHEEKNOLL FREDDIE CHELSA	USA 69402572						
SHEEKNOLL FRM DAKKER 1431	840003014324961						1
SHEEKNOLL FRM MAN-O-MA 1439	840003014324969						
SHEEKNOLL G-CHIP CINDERELLA	USA 70287143						
SHEEKNOLL GOLD CHERISH-ET	USA 70287128						1
SHEEKNOLL GOLD CRYSTAL-ET	USA 70287129						
SHEEKNOLL HERO COOKIE	USA 70287155						
SHEEKNOLL HILL 1449	840003014324979						
SHEEKNOLL HILL 1600	USA 71581131						
SHEEKNOLL HILL 1956	840003127341073						
SHEEKNOLL HONEYBEE 1955	840003127341072						
SHEEKNOLL JACEY 1981	840003127341098						
SHEEKNOLL JACEY 2573	840003126634700						
SHEEKNOLL JACKMAN FROSTING	840003014296223						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHEEKNOLL JEEVES ANGEL	USA 66406388						
SHEEKNOLL JITTERBUG 1978	840003127341095						
SHEEKNOLL JOSUPER 2599	840003126634726						
SHEEKNOLL KINGBOY 2601	840003133895602						
SHEEKNOLL KINGBOY 2605	840003133895606						
SHEEKNOLL KINGBOY 2606	840003133895607						
SHEEKNOLL KINGBOY 2615	840003133895616						
SHEEKNOLL KINGBOY 2616	840003133895617						
SHEEKNOLL KINGPIN 2602	840003133895603						
SHEEKNOLL LADD-P 1972	840003127341089						
SHEEKNOLL LARSON 1497-RED	USA 70908163						4
SHEEKNOLL LAUDAN ABBY-ET	USA 66406376						
SHEEKNOLL MANOSHAN BRONX	USA 72315554						
SHEEKNOLL MASSEY 1751-ET	USA 72971991						
SHEEKNOLL MAYFIELD DESTINY	USA 70287173						
SHEEKNOLL MOGUL 1593	USA 71581124						
SHEEKNOLL MOGUL 1952	840003127341069			C			
SHEEKNOLL MOGUL 1979	840003127341096						
SHEEKNOLL MOGUL ENCHANT	USA 72790583						
SHEEKNOLL MONTEREY 1980	840003127341097						
SHEEKNOLL NATASHA CRI-ET	USA 64541732						
SHEEKNOLL O-S CELEBRITY-ET	USA 70287110			C			
SHEEKNOLL O-S CUPCAKE-ET	USA 70287114			C			
SHEEKNOLL O-S DIAMOND-ET	USA 70908104						
SHEEKNOLL O-STYLE CHRISTINE	USA 70287139						
SHEEKNOLL O-STYLE DANICA-ET	USA 70287167						
SHEEKNOLL O-STYLE DIXIE-ET	USA 70908096			C			
SHEEKNOLL O-STYLE DOT-ET	USA 70287140			C			
SHEEKNOLL OLYMPIAN 2558	840003126634685			C			
SHEEKNOLL PERRY CRICKET	USA 70287158						
SHEEKNOLL PETRONE 1756	USA 72971996						
SHEEKNOLL PLANET BEVERLY	USA 68777401						
SHEEKNOLL RAGER 1744	840003131695924						
SHEEKNOLL REBEL 1688-TW	840003129406761					C	
SHEEKNOLL REBEL 1690-TW	840003129406763					C	
SHEEKNOLL RODGERS 1965	840003127341082						
SHEEKNOLL RODGERS 1970	840003127341087						
SHEEKNOLL SAVE 1689	840003129406762						
SHEEKNOLL SAVE 1961	840003127341078						
SHEEKNOLL SHAN DAY-ET	USA 72790568						3
SHEEKNOLL SHAN DEZ-ET	USA 72790569						3
SHEEKNOLL SHOTTLE 1962	840003127341079						
SHEEKNOLL SHOTTLE 1975-TW	840003127341092						
SHEEKNOLL STU 1617	USA 72158395						
SHEEKNOLL SUPER CINDY	USA 69402570						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHEEKNOLL SUPERSIRE 2546	840003014296207						
SHEEKNOLL SUPERSIRE 2554	840003126634681						
SHEEKNOLL TANGO 1954	840003127341071		C				
SHEEKNOLL TROY 1953	840003127341070						
SHEEKNOLL TUFFENUFF 1960	840003127341077						
SHEEKNOLL UNO DIANA-ET	USA 70287169						
SHEEKNOLL UNO DREAM-ET	USA 70287168						
SHEEKNOLL YODER 2603	840003133895604			C			
SHEEKNOLL YODER 2607	840003133895608						
SHEILA-ET	NLD 524236415						
SHEL-CREEK DRMAN GENEAVA-ET	840003131060856					C	
SHEL-CREEK MCADET GENNY-ET	840003125229435						
SHEL-CREEK MCADET GENOVI-ET	840003125229437						
SHEL-CREEK MCT GEORGETTA-ET	840003125229432						
SHEL-CREEK MSCDT GEORGIA-ET	840003125229433						
SHELAND BOMBERO TIPSY-ET	840003126482280						
SHELAND BOXER BIANCA	USA 72901993						
SHELAND CAVIAR BEA-ET	840003126482284						
SHELAND CAVIAR ELSA	840003126482302						
SHELAND DAY TINSEL	USA 72041496						
SHELAND DEDUCTIVE BRILLIANT	840003126482269						
SHELAND DEDUCTIVE CHARM	840003126482273						
SHELAND DENVER LACY-ET	840003133601511						
SHELAND DENVER LALA-ET	840003126482315						
SHELAND DENVER LAVA-ET	840003133601510						
SHELAND DENVER LUNA-ET	840003133601507						
SHELAND DENVER TRACKER-ET	840003133601532						
SHELAND DENVER TRUDY-ET	840003133601531						
SHELAND HALOGEN MOONLITE-ET	USA 72901997						
SHELAND HILL ANNIE	USA 141762421						
SHELAND JACEY LOLA	840003126482268						
SHELAND JACEY TILDA	USA 72901998					C	1
SHELAND JACEY TRACY	USA 72901999						
SHELAND JETSET CELIA	840003126482283						
SHELAND JETSET SPARKLE	840003126482267						
SHELAND KARSTEN TESSA	USA 71462885						
SHELAND KINGBOY MARTHA-ET	840003133601520						
SHELAND KINGBOY MAXINE-ET	840003133601518						
SHELAND KINGBOY MIA-ET	840003133601517						
SHELAND KINGBOY MYA-ET	840003133601519						
SHELAND LAWMAN DAFFODIL	840003126482274						
SHELAND MASSEY LUSK	USA 72901995						
SHELAND MCCUTCHEN BEAUTY	USA 72041489						
SHELAND MCCUTCHEN BELLA-ET	USA 72121032						
SHELAND MCCUTCHEN TAFFY-ET	USA 72121030						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHELAND MCCUTCHEN TALLY-ET	USA 72121031						
SHELAND MCCUTCHEN TARA-ET	USA 72041488						
SHELAND MCCUTCHEN TAZZY-ET	840003126482278						
SHELAND MNTREY LORAIN-ETS	840003126482288						
SHELAND MOGUL INDIANA	840003126482266						
SHELAND MOGUL LINDA-ET	840003133601516						
SHELAND MOGUL LULU-ET	840003126482301						
SHELAND MOGUL MANDY	USA 72041492	C					
SHELAND MOGUL SADIE	USA 72901992						
SHELAND MONTEREY MELON	840003126482292						
SHELAND MONTROSS BOUNTY	840003126482293						
SHELAND OBSERVER TANGERINE	USA 72901994						
SHELAND OLYMPIAN STANDOUT	840003126482285						
SHELAND PLANET ABBY-ET	USA 71463029						
SHELAND PLANET ROSETTE	USA 72041491						
SHELAND PLANET SARAH	USA 71462949						
SHELAND PLANET TAMMY-ET	USA 71463034						
SHELAND PLANET TARIKA-ET	USA 72121024						
SHELAND PRESIDENT TASHA-ET	USA 72902003						
SHELAND PROFIT LADDER-ET	840003133601529						
SHELAND PROFIT LEADER-ET	840003133601530						
SHELAND PROPER MAY	USA 71462898	C					
SHELAND PURE PASSION	840003126482282			C			
SHELAND PURE SHANNON-ET	840003126482297						
SHELAND PURE SHAWNA-ET	840003126482300						
SHELAND PURE TRIVIA-ET	840003126482279						
SHELAND REFLECTOR BELL-ET	840003126482312						
SHELAND REFLECTOR BRANDY-ET	840003126482313						
SHELAND REFLECTOR BRIGHT-ET	840003133601508						
SHELAND REFLECTOR LIBBY-ET	840003126482314						
SHELAND REFLECTOR LILA-ET	840003126482311						
SHELAND REFLECTOR LIVELY-ET	840003133601509						
SHELAND REFLECTOR LIZZY-ET	840003126482310						
SHELAND REMARK BONNIE-ET	840003126482294						
SHELAND REMARK BRYN-ET	840003126482290						
SHELAND RODGERS LINETTE-ET	USA 72902005						
SHELAND RUBICON LACY-ET	840003133601521						
SHELAND RUBICON LAINY-ET	840003133601522						
SHELAND RUBICON LALLY-ET	840003133601526						
SHELAND RUBICON LANA-ET	840003133601523						
SHELAND SHAMPOO ROSA	USA 141762449						
SHELAND SHAMPOO SHAWNA	USA 141762430						
SHELAND SHAMROCK LUCIFER	USA 72901991						
SHELAND SHAMROCK SHENANIGAN	USA 72121029						
SHELAND SHOTTLE ASHLEY-ET	USA 71462879						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHELAND SHOTTLE TANSY-ET	USA 72121025						
SHELAND SILVER BELL	840003133601514						
SHELAND SPEEDY JUMPER	USA 72902002						
SHELAND SPRING LILAC-ET	840003126482287						
SHELAND SPRING LILLY-ET	840003126482299						
SHELAND SPRING LITE-ET	840003126482298						
SHELAND SUPER ROSIE	USA 71462874						
SHELAND SUPER SEELY	USA 72121022						
SHELAND SUPER TABBY	USA 141770958						
SHELAND SUPERSIRE ANGEL	USA 72041495						
SHELAND SUPERSIRE LIZA	USA 72041494						
SHELAND SUPERSIRE LIZZY-ET	USA 72041490						
SHELAND SUPERSIRE MIDGE	840003126482303						
SHELAND SUPERSIRE TASSLE	USA 72901990						
SHELAND TANGO SHELBY	USA 72901996						
SHELAND TANGO WITH GRACE-ET	840003126482270						
SHELAND TOYSTORY CINDY	USA 141739771						
SHELAND YODER BAMBI-ET	840003126482306						
SHELAND YODER LADY-ET	840003126482291						
SHELIMAR SHAN REALITY-RED	840003127340650						
SHELMADINE BOMAZ 506	USA 72641972						
SHELMADINE BOMAZ 548	USA 72897211						
SHELMADINE DERAY 597	USA 74489621						
SHELMADINE FINAL 214	USA 72641970						
SHELMADINE LUCKY STAR 537	USA 72641974						
SHELMADINE MADMAN 547	USA 72897210						
SHELMADINE ROLEX 508-TW	USA 72641973						
SHELMAR-ACERS PALERMO 376	USA 57078184						
SHEMA ATWOOD CHASSITY	USA 66747532						
SHEMA ATWOOD CHRISTMAS-ET	USA 69628135						
SHEMA BAXTER FIRELITE	USA 64465192						
SHEMA BOWSER CAMMI	USA 71230769					C	
SHEMA CACTUS CRI-ET	USA 70272996						
SHEMA CAMERON CAYLEE-TW	USA 71230790						
SHEMA CAMERON CELESTE	USA 71230800						
SHEMA CAMERON CHARDEA	USA 71230809						
SHEMA CAMERON CRIS	USA 71230784						
SHEMA CAMERON CRISPY	USA 71230786						1
SHEMA CAMERON DIXIE	USA 71230808						
SHEMA CAMERON FAITHFUL	USA 71230814						
SHEMA CAMERON FLO	USA 71230772						
SHEMA CAMERON JANA	USA 71230785						
SHEMA CAMERON MINNIE	USA 71230801						
SHEMA CAMERON RASHEDA-ET	USA 71230792						
SHEMA CAMERON RHIONNA	USA 71230806						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHEMA CAMERON ROSETTA-ET	USA 71230811						
SHEMA CAMERON RYIA	USA 71230789						
SHEMA CAMERON RYSHA	USA 71230783						
SHEMA CAMERON SARA	USA 71230791						
SHEMA CASINO CALIA-ET	USA 69628154						
SHEMA CHEER CRI-ET	USA 70272986						
SHEMA CHIEF MARBLE	USA 71230755			C			
SHEMA CHIEF REFLECTION	USA 71230760						
SHEMA CHOCOLATE-CHIP-ET	USA 71230774						
SHEMA CLAYBORN REITA	USA 71230798						
SHEMA COLBY CAYLA-ET	USA 64465199		C				
SHEMA COLT RAISA	USA 71230816						
SHEMA CRIMSON BAILY	USA 71230782					C	
SHEMA CRIMSON CAITLYN	USA 71230773						
SHEMA CRIMSON CHERYL	USA 71230770						3
SHEMA CRIMSON LUCY	USA 71230778						
SHEMA CROWN CASSIE-ET	USA 69628217						
SHEMA CROWN CHANEL F173-ET	USA 71381020						
SHEMA DESTIN DREAM	USA 71230797						
SHEMA DETERMINE RITZY-ET	USA 71230841						
SHEMA DOMAIN CAROLINE	USA 71230758						
SHEMA DOMAIN CASEY	USA 71230759						1
SHEMA DOMAIN CHARLISA	USA 71230761						
SHEMA DOMAIN DOLLY	USA 71230757						
SHEMA DYKS LB RAE-RED	USA 68730924						3
SHEMA EXPLODE CHARLA	USA 69628202						
SHEMA GOLD CHIP CALEO-ET	USA 71230775						
SHEMA GOLD CHIP CALICO-ET	USA 71230777						
SHEMA GOLD CHIP CALLIE	USA 71230781						
SHEMA GOLD CHIP CASSEO-ET	USA 71230776					C	
SHEMA GOLD CHIP CELEBRATION	USA 71230764						
SHEMA GOLD CHIP CICILY	USA 71230767						
SHEMA GOLD CHIP CUPCAKE	USA 71230771						
SHEMA GOLD CHIP DEE	USA 71230805						1
SHEMA GOLD CHIP FREEZE	USA 71230779						
SHEMA GOLD CHIP RAVIN	USA 71358852						
SHEMA GOLD CHIP SANDRA	USA 71230765						
SHEMA GOLD CHIP STARLA	USA 71230787						
SHEMA GOLDWYN CELESTE-ET	USA 66747498						1
SHEMA HEADLINER SNOWY	USA 71230817						
SHEMA IOTA 568-ET	USA 68911394						
SHEMA IOTA CACTUS-ET	USA 71230812						1
SHEMA IOTA CALISA-ET	USA 69628195					C	
SHEMA IOTA CEDALIA-ET	USA 69628200					C	
SHEMA IOTA CLARITY-ET	USA 69628212						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHEMA IOTA CLASSY-ET	USA 69628210						
SHEMA IOTA CLEMINTINE-ET	USA 69628213						
SHEMA IOTA CORINA-ET	USA 69628209						
SHEMA IOTA CRISTY-ET	USA 69628193					C	
SHEMA IOTA CRYSTAL-ET	USA 71230835						
SHEMA IOTA SONYA	USA 71230788						
SHEMA LONG P SHARLA	USA 71230846						
SHEMA LOU RITZ	USA 71230834						
SHEMA MAC CAMILLE-ET	USA 64465130					C	
SHEMA MAC RALONDA-ET	USA 64465149	C					
SHEMA MAC ROSE	USA 64465171						
SHEMA MAN-O-MAN CHELSY-ET	USA 66747533						
SHEMA MARBACH COCOA-ET	USA 64465138					C	
SHEMA MCCUTCHEN FELICIA-ET	USA 71230833						
SHEMA MCCUTCHEN MARY-ET	USA 71230837						
SHEMA MCCUTCHEN SHADY-ET	USA 71230850						
SHEMA MR BURNS CRYSTAL-ET	USA 64465143		C			C	3
SHEMA MURPH BILOXIE CRI-ET	USA 62030900						
SHEMA P-CHASSITY CRIMSON-ET	USA 71809421						
SHEMA PRONTO CRISSY	USA 64465162						
SHEMA PRONTO FANTASIA-ET	USA 64465172						
SHEMA PRONTO FELICIA-ET	USA 64465173						3
SHEMA PRONTO FRANCESCA-ET	USA 64465174						
SHEMA PRONTO FRANCESCO-ET	USA 64465177						3
SHEMA PRONTO FROST-ET	USA 64465187						3
SHEMA RAVISH CHLOE-ET	USA 69628187					C	
SHEMA RAVISH COCA-COLA-ET	USA 69628211						
SHEMA RAVISH COCOA-LATTE-ET	USA 69628214						
SHEMA RCH SHAN SAN FRAN-ET	USA 73208288						
SHEMA RCH SNOWDEN WHITE-ET	USA 71823632						
SHEMA RELISH	USA 71230796						
SHEMA SHAMROCK FELICIANA-ET	USA 69628206						
SHEMA SHAMROCK SHARLA	USA 69628208						
SHEMA SHOTTBOLT HANNAH	USA 69628188	C					
SHEMA SHOTTBOLT ROSALIA	USA 69628203						
SHEMA SHOTTLE CARIE	USA 71230830					C	
SHEMA SHOTTLE CAYLEE	USA 71230832					C	
SHEMA SHOTTLE FREEDOM	USA 137458925					C	
SHEMA SNOWY	USA 71230804						
SHEMA SUPERSIRE COLLETTE	USA 71230821						
SHEMA SUPSR RYLIE A 1288-ET	USA 72692190					C	
SHEMA SUPSR SHARON 1280-ET	USA 72692182					C	
SHEMA SUPSR SHELLEY 1273-ET	USA 72692175						
SHEMA TALENT FAIRY-ET	USA 66747444						1
SHENDA HEADLINER 8209	840003126969214						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHENDA HEADLINER 8324	840003126969329						
SHENDA HEADLINER 8420	840003126969425						
SHENDA KRUNCH IZZY 5591	USA 72675152						
SHENDA TABLE 8332	840003126969337						
SHENDA TABLE 8573	840003126969578						
SHER-EST PATRON SAUCY-ET	USA 18057209						
SHER-EST PRELUDE SWEET-ET	USA 15421158						
SHER-EST RUDOLPH STRIPES-TW	USA 18057221						
SHER-FINE RAY SHEENA	USA 143216681					C	
SHERAY 2-ET	NLD 932869388					C	
SHERCAL MCCUTCHEN 855	USA 72808319						
SHERDALE BOXER DREW	USA 56444047			C			
SHERDALE KRAMER TONI	USA 55952920			C			
SHERI-KAY WIZARD 217	USA 62492790						
SHERIDAN-TL MULT LIBBY-RED	840003130622273						1
SHERLAND ADDITION KATELYN	840003014228309			C			
SHERLAND ADRIAN BELLE	840003132503818						
SHERLAND ADRIAN GINA	840003012972371						
SHERLAND AL BECCA	840003012972239						1
SHERLAND AL LINDA	840003012972243						
SHERLAND ALEXA	840003012972340					C	
SHERLAND AMAK BRIANNA	840003014228380			C			
SHERLAND APPLE ADRIAN GINA	840003132503816						
SHERLAND ARMANI KALIN	840003012972329					C	3
SHERLAND AVRO MARISE	840003012972210						
SHERLAND BOMBERO DOROTHY	840003012972293						
SHERLAND BOMBERO GABRIELL	840003012972315						
SHERLAND BOMBERO KAILEE	840003012972309						
SHERLAND BOMBERO MS DOROTHY	840003012972313						
SHERLAND BRENDAN MARIE	840003127161049						
SHERLAND CABRIOLET AERWYNA	840003012972279						
SHERLAND CABRIOLET ALEXA	840003012972280						
SHERLAND CABRIOLET JORJA	840003012972277						
SHERLAND CALVIN BEL	USA 69466869						
SHERLAND CALVIN FREDA	840003012972242						
SHERLAND CALVIN JUDITH	USA 69466870						1
SHERLAND CALYPSO CORALIE	840003014228395						
SHERLAND CHARIOT DIANTHA	840003014228277						
SHERLAND CHELIOS EMELYN	840003014228362						
SHERLAND CHELIOS GABRIELL	840003012972202						
SHERLAND COACH MINDY	USA 69466843						
SHERLAND COACH PAMELIA	USA 69466859						
SHERLAND CONSTABLE JILLIANE	840003012972355						
SHERLAND CORY CHINA	840003127161036						
SHERLAND CYPRUS KACY	840003014228306						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND CYPRUS LEANA	840003014228295						
SHERLAND DASHAWN IMMY	840003014228343		C				
SHERLAND DASHAWN SADIE	840003014228330		C	C			
SHERLAND DAY CAROL	USA 69466888						
SHERLAND DAY PAULENE	USA 69466838						
SHERLAND DAY SHERYL	840003012972107						
SHERLAND DAY TONI	840003012972106						
SHERLAND DEDUCTIVE ASHLEE	840003012972261						
SHERLAND DEDUCTIVE BELLE	840003012972255			C			
SHERLAND DEDUCTIVE WENDI	840003012972258						
SHERLAND DEXTERMAN ASHLEEN	840003014228400						
SHERLAND DIGGER CHRISTINA	840003014228430						3
SHERLAND DIGGER ELEANOR	840003014228253						
SHERLAND DIRECTION KAILEE	840003012972386						
SHERLAND DIRECTION LYNN	840003012972331						
SHERLAND DIVO JAYDE	840003012972337						
SHERLAND DOM LIZ	840003014228268						
SHERLAND DON BEL	840003012972257						
SHERLAND DON BELINDA	840003127161037						
SHERLAND DON LIL	840003012972228			C			
SHERLAND DON MYCHAELA	840003012972229			C			
SHERLAND DOORMAN ALEXA	840003012972320			C			
SHERLAND DOORMAN AMY	840003012972234						
SHERLAND DOORMAN JESS	840003012972125						
SHERLAND DOORMAN KALIE	840003012972311					C	
SHERLAND DOORMAN PENNY	840003012972154						
SHERLAND DOORMAN VIXEN	840003012972163						
SHERLAND ELETHIA	840003014228378					C	
SHERLAND EMERALD ABRIELLE	840003012972350						
SHERLAND ERDMAN AUDRIE	840003012972306						
SHERLAND ERDMAN CALLI	840003012972305						
SHERLAND EVERETT AVELINA	840003014228273						
SHERLAND FACEBOOK AVELINA	840003012972235						
SHERLAND FACEBOOK CIDNEY	840003012972385						
SHERLAND FACEBOOK IRENE	840003014228435						
SHERLAND FACEBOOK JACKI	840003014228425						
SHERLAND FACEBOOK LIZ	840003012972232			C			
SHERLAND FACEBOOK MANDA	840003127161038						
SHERLAND FACEBOOK TRACI	840003012972379						
SHERLAND FAIRGROUND EMERALD	840003132503815						
SHERLAND FEVER MS GAILA	840003012972307						
SHERLAND FLAWLES MS DERRICA	840003012972268						
SHERLAND FLAWLESS ALLISON	840003012972276						
SHERLAND FLAWLESS ANITA	840003012972179	C					
SHERLAND FLAWLESS CORDELIA	840003014228436			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND FLAWLESS DERRICA	840003012972175						
SHERLAND FLAWLESS JORDANNE	840003012972178						
SHERLAND FLAWLESS KALIN	840003012972259						
SHERLAND FLAWLESS KAYLEN	840003012972181						
SHERLAND FLAWLESS KISHA	840003012972275						
SHERLAND FLAWLESS MS ANITA	840003012972272						
SHERLAND FLAWLESS NORA	840003127161054						
SHERLAND FLAWLESS TAURA	840003014228235						
SHERLAND FRED GALAXY ANITA	840003012972248						
SHERLAND FREDDIE ALLYSE	840003014228372						
SHERLAND FREDDIE BREANA	USA 64794073					C	
SHERLAND FREDDIE CASSY	840003014228369						
SHERLAND FREDDIE CECILIA	840003014228329						
SHERLAND FREDDIE EMERALD	USA 64794062						
SHERLAND FREDDIE HOLLIE	840003014228383						
SHERLAND FREDDIE JOLINE	840003014228327						
SHERLAND FREDDIE TAMMIE	840003014228379						
SHERLAND GALAXY AUDRIE	840003012972193						
SHERLAND GALAXY CADEE	840003012972205						
SHERLAND GALAXY CATRICE	840003012972207						
SHERLAND GALAXY CINDY	840003012972249						
SHERLAND GALAXY JILLIANE	840003012972189						
SHERLAND GALAXY LILIBETH	840003012972215						
SHERLAND GALAXY LILLA	USA 69466885						
SHERLAND GALAXY ORA	USA 69466884						
SHERLAND GALAXY ROSEANNA	840003012972223						
SHERLAND GINNY	840003014228381					C	
SHERLAND GLOSSY KAELAH	840003014228317						
SHERLAND GLOSSY LISA	840003014228307						
SHERLAND GOLD CHIP GEORGIA	840003012972245						
SHERLAND GOLD CHIP JAYDE	840003012972244					C	
SHERLAND GREENDAY LORI	840003014228261						
SHERLAND GREENDAY ROSEANNA	840003014228255						
SHERLAND HALGEN JILLIANE-TW	840003012972302						
SHERLAND HALOGEN ABRIELLE	840003012972298						
SHERLAND HALOGEN ALEXA	840003012972300						
SHERLAND HALOGEN ANNIE	840003012972318						
SHERLAND HALOGEN AUDRIE	840003012972286						
SHERLAND HALOGEN CADEE	840003012972372						
SHERLAND HALOGEN CALLI	840003012972358						
SHERLAND HALOGEN ELEANOR	840003012972335						
SHERLAND HALOGEN EMELYN	840003012972346						
SHERLAND HALOGEN GAILA	840003012972287						
SHERLAND HALOGEN GINA	840003012972316						
SHERLAND HALOGEN INDA	840003012972304						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND HALOGEN JODIE	840003012972342						
SHERLAND HALOGEN JORJA	840003012972297						
SHERLAND HALOGEN JOY	840003012972310						
SHERLAND HALOGEN LILLA	840003012972328						
SHERLAND HALOGEN MS JOY	840003012972363						
SHERLAND HALOGEN TANITH	840003012972343						
SHERLAND JABIR AERWYNA	840003012972373						
SHERLAND JABIR ALLISON	840003012972252						
SHERLAND JABIR CADEE	840003012972253						
SHERLAND JABIR JOY	840003012972321						
SHERLAND JABIR KAYLEN	840003012972250						
SHERLAND JABIR MARISE	840003012972332						
SHERLAND JAMES JACI	840003127161042						
SHERLAND JAMES SHERRY	840003012972236						
SHERLAND JETSET ALICE	840003012972341	C					
SHERLAND JETSET ASHLEAH	840003012972260						
SHERLAND JETSET EMERALD	840003012972317						
SHERLAND JETSET LILAH	840003012972319						
SHERLAND JETSET VIRGINIA	840003012972301						
SHERLAND JETT AIR BRIANA	840003014228345			C			
SHERLAND JETT AIR DISH	840003012972094	C					
SHERLAND JETT AIR GAY	840003014228346						
SHERLAND JETT AIR GEORGIA	840003012972168						
SHERLAND JETT AIR GINNIE	840003012972164						
SHERLAND JETT AIR JANAYE	840003014228339						
SHERLAND JETT AIR KRIS	840003012972165						
SHERLAND JETT AIR MARGE	840003012972153						
SHERLAND JETT AIR TRACI	840003012972283						
SHERLAND JOCLASSIC CAMELLA	840003012972334					C	
SHERLAND LADD P LEANA	840003012972247						1
SHERLAND LAVAMAN MIMMIE	840003012972129						3
SHERLAND LEGAL DANNELLE	840003014228408						1
SHERLAND LIQUID GOLD AMY	840003014228271						
SHERLAND LOBERRY BECCA	840003012972265						
SHERLAND LOBERRY BROOKLYNNE	840003012972262						1
SHERLAND LOBERRY TAMI	840003012972256						
SHERLAND MAN-O-MAN2 ANNIE	840003012972167						
SHERLAND MAN-O-MAN2 CECILIA	USA 69466871						
SHERLAND MAN-O-MAN2 CINDY	840003012972180						
SHERLAND MAN-O-MAN2 DOROTHY	USA 69466858						
SHERLAND MAN-O-MAN2 EMERALD	840003012972203						
SHERLAND MAN-O-MAN2 KAT-TW	840003012972172						
SHERLAND MAN-O-MAN2 M CINDY	840003014228240						
SHERLAND MAN-O-MAN2 MINX	840003012972166						
SHERLAND MAN-O-MAN2 PAM	840003012972103						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND MAN-O-MAN2 PAMELA	840003012972174						
SHERLAND MAN-O-MAN2 PATTY	840003012972105						
SHERLAND MAN-O-MAN2 POLLY	840003012972109						
SHERLAND MAN-O-MAN2 TYNE	840003014228245						
SHERLAND MANIFOLD ALICE	840003012972266			C			
SHERLAND MANIFOLD IVY	840003012972264			C			1
SHERLAND MASTERFUL CASSY	840003012972347						
SHERLAND MASTERFUL JORJA	840003012972349						
SHERLAND MC GRAW CIDNEY	840003012972308						1
SHERLAND MIXER ALIX-TW	840003012972225						
SHERLAND MIXER ANNETTE	840003012972220						
SHERLAND MIXER DIANDRA	840003012972208						
SHERLAND MIXER LACIE	840003012972230						
SHERLAND MIXER LORI-TW	840003012972226						
SHERLAND MIXER TAURA	840003012972213		C				
SHERLAND MIXER TRACEE	840003012972222						
SHERLAND MOGUL PAMELIA	840003012972390						
SHERLAND MONSOON LAURAL	840003014228367			C			
SHERLAND MONSOON MAREE	840003014228377	C		C			
SHERLAND MOZALIO INDA	840003014228259						
SHERLAND MUSCADET TRACI	840003012972356	C					
SHERLAND MUSCADET VIRGINIA	840003012972354						
SHERLAND NOMINEE ADDA	840003014228428						
SHERLAND NOMINEE CADI	840003127161051						
SHERLAND NOMINEE CALLI-TW	840003014228410						
SHERLAND NOMINEE DIANTHA	840003012972237		C				
SHERLAND NOMINEE ELIZABETH	840003014228418						
SHERLAND NOMINEE INA	840003127161044						
SHERLAND NOMINEE JANEY	840003014228406						
SHERLAND NOMINEE JOANNE	840003014228417						
SHERLAND NOMINEE TAMMIE	840003014228431						
SHERLAND NOMINEE TERI	840003014228405						
SHERLAND NUMERO UNO ANNIE	840003014228421						
SHERLAND NUMERO UNO AUDELIA	840003127161056						
SHERLAND NUMERO UNO CORAL	840003012972233						
SHERLAND NUMERO UNO CORISSA	840003014228402						
SHERLAND NUMERO UNO DERRICA	840003127161039						
SHERLAND NUMERO UNO DOLL-ET	USA 69466825						
SHERLAND NUMERO UNO EDITH	840003014228366			C			
SHERLAND NUMERO UNO ELEANOR	840003012972221			C			
SHERLAND NUMERO UNO GINA	840003012972204						
SHERLAND NUMERO UNO GINGER	840003012972211			C			
SHERLAND NUMERO UNO INDA	840003012972224						
SHERLAND NUMERO UNO ISABEL	840003014228420						
SHERLAND NUMERO UNO IVIE	840003014228401						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND NUMERO UNO JACQUI	840003012972231		C				
SHERLAND NUMERO UNO JANICE	840003014228340						
SHERLAND NUMERO UNO JANIECE	840003014228411						
SHERLAND NUMERO UNO JENAI	840003127161050						
SHERLAND NUMERO UNO JEWEL	840003014228404						
SHERLAND NUMERO UNO JOY	840003012972197						
SHERLAND NUMERO UNO KADI	840003012972217						
SHERLAND NUMERO UNO KAILIN	840003014228324						
SHERLAND NUMERO UNO KALIE	840003012972198			C			
SHERLAND NUMERO UNO KISHA	840003014228305						
SHERLAND NUMERO UNO LONA	840003014228414						
SHERLAND NUMERO UNO LYNN	840003012972212						
SHERLAND NUMERO UNO MAMIE	840003014228437						
SHERLAND NUMERO UNO MILDRED	840003014228376						
SHERLAND NUMERO UNO MOLLY	840003014228398						
SHERLAND NUMERO UNO PAMELA	840003127161045						
SHERLAND NUMERO UNO PAMELIA	840003012972201						
SHERLAND NUMERO UNO TANITH	840003014228328						
SHERLAND NUMERO UNO TARIN	840003014228373						
SHERLAND NUMERO UNO WILLOW	840003014228413						
SHERLAND NUMEROUNO ABRIELLE	840003012972278			C			
SHERLAND NUMEROUNO ANNIE	840003012972269						
SHERLAND NUMEROUNO JOY	840003012972290			C			
SHERLAND NUMEROUNO PAMELIA	840003012972314						
SHERLAND NUMUNO DEBRA-ET	USA 69466831						
SHERLAND NUMUNO DELLA-ET	USA 69466832						
SHERLAND O-STYLE BROOKLYNNE	840003012972216						
SHERLAND O-STYLE GALA	840003014228403						
SHERLAND O-STYLE LORETTA	840003014228394						
SHERLAND PAGEWIRE TYNE	840003012972218						
SHERLAND PAYTON ASHLEE	840003012972330						
SHERLAND PETRONE GEM	USA 69466833						
SHERLAND PLANET MARGARET-ET	USA 69466782						
SHERLAND PLANET MARSHA-ET	USA 69466788					C	
SHERLAND PLATINUM AERWYNA	840003012972351						
SHERLAND PLATINUM ALEXA	840003012972352						
SHERLAND PLATINUM AUDRIE	840003012972383						
SHERLAND PLATINUM GABRIELL	840003012972323						
SHERLAND PLATINUM GAILA	840003012972360						
SHERLAND PLATINUM KATELYN	840003012972339						
SHERLAND PONDER TRACI	840003012972303						
SHERLAND PREDESTINE ANNIE	840003012972176						3
SHERLAND PREDESTINE GAILA	840003012972194						
SHERLAND PRODUCTION AERWYNA	840003012972299						
SHERLAND PULSAR ANTOINETTE	840003012972365						1

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SHERLAND PULSAR CIDNEY	840003012972361			C			
SHERLAND PULSAR DOROTHY	840003012972366						
SHERLAND PULSAR KALIE	840003012972364		C				
SHERLAND PUZZLE ALEXA	840003014228310						
SHERLAND RAYFULL CIDNEY	840003012972288						
SHERLAND RED-OAK IVY	840003012972238			C			
SHERLAND RED-OAK QUEENY	840003012972240			C			
SHERLAND REDBRST SHERRI-RED	USA 69466792						1
SHERLAND ROVER KISHA	840003012972295						
SHERLAND RYKER JILLIANE	840003012972282						
SHERLAND RYKER KIRSTEN	840003012972241						
SHERLAND RYKER LILAH	840003012972270			C			
SHERLAND RYKER MS VIRGINIA	840003012972281						
SHERLAND RYKER TRACI	840003012972190						
SHERLAND RYKER VIRGINIA	840003012972188			C			
SHERLAND SALVINO CINDY	840003012972273						
SHERLAND SATORI-RED-P JORJA	840003014228325	C					
SHERLAND SEQUOIA SHERRY	840003012972263						
SHERLAND SHAKESPEARE ALEXA	840003014228386					C	
SHERLAND SHAKESPEARE KAYLYN	840003014228407						
SHERLAND SHAKESPERE LAUREEN	840003012972219	C					
SHERLAND SHAMELESS TESS	840003012972102						
SHERLAND SHAMROCK TINSEL	840003012972095						
SHERLAND SHOUT ALIX	840003014228260						
SHERLAND SONNY ABRIELLE	840003012972185	C		C			
SHERLAND SONNY ALEXA	840003012972187	C					
SHERLAND SONNY ANITA-TW	840003014228363						
SHERLAND SONNY ANNABELLE	840003012972227						
SHERLAND SONNY DOROTHY	840003012972200						
SHERLAND SONNY ELIZABETH	840003014228392	C					
SHERLAND SONNY LYNNA	840003014228315	C					
SHERLAND SUPER JILLIANNA	840003014228360						
SHERLAND SUPER JOLIE	840003014228354	C					
SHERLAND SUPER MELODY	USA 64794051	C					
SHERLAND SUPER NANETTE	840003014228347						
SHERLAND SUPER RUTH	840003012972096						
SHERLAND SUPER TAYNA	USA 69466891						
SHERLAND SUPER THELMA	840003014228357						
SHERLAND SUPERSONIC ANITA	840003014228236						
SHERLAND SUPERSONIC NELL	840003012972131						
SHERLAND SUPRSTITON CAMELLA	840003014228370			C			
SHERLAND TANGO JACQUI	840003014228266						
SHERLAND TANGO LACIE-TW	840003014228265						
SHERLAND TANGO MYCHAELA-TW	840003014228264			C			
SHERLAND TANGO SHERRY	840003014228276						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHERLAND TAURINO ALLISON	840003012972296						
SHERLAND TAURINO ANTOINETTE	840003012972292						
SHERLAND TAURINO CALLI-TW	840003012972285						
SHERLAND TAURINO INDA-TW	840003012972284			C			
SHERLAND TAURINO KAILEE	840003012972289						
SHERLAND TAURINO KAYLEN	840003012972294						
SHERLAND TRIVIA GAY	840003012972345						
SHERLAND TRIVIA JENNIFER	840003012972344						
SHERLAND UNIX AMY	840003012972336						
SHERLAND UNIX KACY	840003012972338						
SHERLAND WHITEFACE MINDI	USA 69466791						
SHERLAND WHITEFACE OPRAH	USA 69466787					C	
SHERLAND XAIRY TRACEE	840003014228254						
SHERLAND YANO KISHA	840003012972251						
SHERONA-HILL ASHLEE	USA 70605607						
SHERONA-HILL GLITZ-RED-ET	USA 70605620						1
SHERONA-HILL LILLIANNE	840003013721047					C	
SHERONA-HILL LJ SKYLAR-ET	USA 139358481						
SHERONA-HILL SHELBY	USA 138546919						1
SHERONA-HILL-S ALEXANDRA-ET	USA 70605612						3
SHERONA-HILL-S HANNAH-ET	USA 70605610						
SHERONA-HILL-S HELENA-ET	USA 70605609						
SHI-LA DURHAM POKER	USA 132752154						
SHI-LA FORTUNE GOLDIE	USA 139908828	C					
SHILOH-USA 5G 1496	USA 73362280						
SHILOH-USA AIRNET 8825	USA 71764049						
SHILOH-USA ARMITAGE 8269	USA 71130843						
SHILOH-USA AVT ROWAN-RED-ET	USA 71130755						
SHILOH-USA BANFF 8854	USA 71764078						
SHILOH-USA BIG TIME 7235	USA 69879932						
SHILOH-USA BIG TIME 7398	USA 69880095						
SHILOH-USA BIG TIME 7489	USA 69880186						
SHILOH-USA BIG TIME 7523	USA 70594167						
SHILOH-USA BIG TIME 7589	USA 70594233						
SHILOH-USA BIG TIME 7707	USA 70594351						
SHILOH-USA BKEM PATSY CLINE	USA 71130888						
SHILOH-USA BOOKEM 8435	USA 71131009		C				
SHILOH-USA BOOKEM CLARA	USA 71131006						
SHILOH-USA BOOKEM DANAE-ET	USA 71130821						
SHILOH-USA BWR REGAN-RED-ET	USA 71763852					C	3
SHILOH-USA CALIBER 7269	USA 69879966						
SHILOH-USA CALIBER 7359	USA 69880056						
SHILOH-USA CALIBER 7507	USA 70594151	C					
SHILOH-USA CALIBER 7745	USA 70594389						
SHILOH-USA CALIBER 7754	USA 70594398						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHILOH-USA CALIBER 7865	USA 70594509						
SHILOH-USA CALIBER 8001	USA 71130575						
SHILOH-USA CAMERON 8891	USA 71764115						
SHILOH-USA CAMERON MISTY	USA 71764212						
SHILOH-USA CASCADE 8768	USA 71763992						
SHILOH-USA CASCADE 8776	USA 71764000						
SHILOH-USA CASCADE 8831	USA 71764055						
SHILOH-USA CASSINO 8030	USA 71130604						
SHILOH-USA CASSINO PALOMA	USA 69085636						
SHILOH-USA CELEB 7808	USA 70594452						
SHILOH-USA DADDY 8970	USA 71764194		C				
SHILOH-USA DAY 9123	USA 72341472						
SHILOH-USA DAY 9139	USA 72341488						1
SHILOH-USA DAY 9417	USA 72341766						
SHILOH-USA DELTA 2277	USA 73959407						1
SHILOH-USA DELTA 2641	840003131563592						
SHILOH-USA DELTA 2660	840003131563611						
SHILOH-USA DELTA 2697	840003131563648						
SHILOH-USA DELTA 2714	840003131563665						
SHILOH-USA DOORMAN 9866	USA 72342215						
SHILOH-USA DORCY 7438	USA 69880135						
SHILOH-USA EPIC 9613-ET	USA 72341962						
SHILOH-USA EPIC 9614-ET	USA 72341963						
SHILOH-USA EPIC 9678-ET	USA 72342027						
SHILOH-USA EPIC MELISSA-ET	USA 71763821						
SHILOH-USA EXACTER 7034	USA 69879731					C	
SHILOH-USA GALAXY 9693	USA 72342042						
SHILOH-USA GALAXY 9775	USA 72342124						
SHILOH-USA GOLDCHP ADELA-ET	USA 71130940						
SHILOH-USA JACEY 1060	USA 73361844						
SHILOH-USA JACEY BLOSSOM	USA 73361942						3
SHILOH-USA JACEY DARIA-ET	USA 73361874						
SHILOH-USA JACEY DARLA-ET	USA 73361869						
SHILOH-USA JACEY ECHO-ET	USA 72342309						
SHILOH-USA JACEY ECLIPSE-ET	USA 73361886						
SHILOH-USA JACEY ELEKTRA-ET	USA 73362076						
SHILOH-USA JACEY ELEXXA-ET	USA 73362127						
SHILOH-USA JACEY NORA-ET	USA 73361795						
SHILOH-USA JACKMAN 1491	USA 73362275						
SHILOH-USA JACKMAN ADAIR-ET	USA 72341864			C			
SHILOH-USA JADE 7905	USA 70594549						
SHILOH-USA JAUNTY 1477	USA 73362261						
SHILOH-USA JAUNTY 1565	USA 73958695						
SHILOH-USA JCY JILLY CLINE	USA 73362040						
SHILOH-USA JIVES 7910	USA 70594554	C					

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHILOH-USA JIVES 8129	USA 71130703						
SHILOH-USA JOHNSON 9616-ET	USA 72341965			C			
SHILOH-USA JOHNSON 9618-ET	USA 72341967						
SHILOH-USA JOHNSON 9629-ET	USA 72341978	C					
SHILOH-USA JOSUPER DAWSYN	840003131563561						
SHILOH-USA KINGBOY AVA-ET	USA 73959478						
SHILOH-USA KINGBOY CALLA-ET	USA 73959364						
SHILOH-USA KINGBOY MITZI	USA 73959482						
SHILOH-USA LARGE 8698	USA 71763922						
SHILOH-USA LITHIUM 9542	USA 72341891						
SHILOH-USA MAIN EVENT 2543	840003131563494						
SHILOH-USA MAN-O-MAN MIA	USA 71130659						
SHILOH-USA MANOMAN DIXIE-ET	USA 69085535						
SHILOH-USA MCCUTCHEN 9373	USA 72341722						
SHILOH-USA MERIDIAN DAWN-ET	USA 72341484						
SHILOH-USA MERIDIAN DYNA-ET	USA 72341485						
SHILOH-USA MERIDIAN PRIA-ET	USA 72341641						
SHILOH-USA MERIDIAN SUKI-ET	USA 72341728						
SHILOH-USA METEOR 7517	USA 70594161						
SHILOH-USA METEOR 7735	USA 70594379						
SHILOH-USA MG MARLOWE-ET	USA 73958943						
SHILOH-USA MIXER LANDRY	USA 71763885						
SHILOH-USA MIXER SHYLA	USA 71763966						
SHILOH-USA MN EVENT ADAH-ET	840003131563508			C			
SHILOH-USA MOGUL 1180	USA 73361964						
SHILOH-USA MOGUL 1483-TW	USA 73362267						
SHILOH-USA MOGUL 1484-TW	USA 73362268						
SHILOH-USA MOGUL 1526	USA 73958656						
SHILOH-USA MOGUL 8963	USA 71764187						
SHILOH-USA MOGUL 9017	USA 72341366						
SHILOH-USA MOGUL 9037	USA 72341386						
SHILOH-USA MOGUL 9145	USA 72341494						
SHILOH-USA MOGUL 9201	USA 72341550						
SHILOH-USA MOGUL 9571	USA 72341920						
SHILOH-USA MOGUL 9785	USA 72342134						
SHILOH-USA MOGUL 9903	USA 72342252						
SHILOH-USA MOGUL EDEN	USA 72342040						
SHILOH-USA MOGUL HARLOW	USA 73958807						
SHILOH-USA MOGUL LOLA	USA 71764204					C	
SHILOH-USA MOGUL MOONDREAM	USA 72342067						
SHILOH-USA MOGUL MOONSHADOW	USA 72342286						
SHILOH-USA MOGULS MOONDREAM	USA 72342295						
SHILOH-USA MONTROSS 2755	840003131563706						
SHILOH-USA MONTROSS 2772	840003131563723						
SHILOH-USA MONTROSS 2800	840003131563751						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHILOH-USA MOONGLOW-ET	USA 71130756			C			
SHILOH-USA MOONSTYLE-ET	USA 71130607			C			
SHILOH-USA MORGAN 1269	USA 73362053						
SHILOH-USA MT JULIANA CLINE	840003131563451						
SHILOH-USA NMR UNO MILLY-ET	USA 71763884						
SHILOH-USA NUMERO UNO TALLY	USA 72342045						
SHILOH-USA OAK 1446	USA 73362230						
SHILOH-USA OBSERVER 1510	USA 73958640						
SHILOH-USA OBSERVER 8172	USA 71130746						
SHILOH-USA OBSERVER 8330	USA 71130904						
SHILOH-USA OBSERVER 8886	USA 71764110						
SHILOH-USA OBSERVER 9320	USA 72341669						
SHILOH-USA OBSERVER BOOBOO	USA 70594581						
SHILOH-USA OBSERVER GISELLA	USA 70594618						
SHILOH-USA OBSERVER PALA-ET	USA 70594480						
SHILOH-USA OBSVR TRINKET-ET	USA 70594555						
SHILOH-USA OLYMPIAN 1942	USA 73959072						
SHILOH-USA OSMOND HAYLEY	USA 70594421						
SHILOH-USA PARTYROCK 1473	USA 73362257						
SHILOH-USA PETRONE 1260	USA 73362044						
SHILOH-USA PETRONE 1262	USA 73362046						
SHILOH-USA PETRONE 1303	USA 73362087		C				
SHILOH-USA PETY HALO	840003131563540						
SHILOH-USA PETY SHAUNAVON	840003131563730						
SHILOH-USA PLAN DESIREE-ET	USA 71131031						
SHILOH-USA PONDER 2284	USA 73959414						
SHILOH-USA PRESIDENT 1904	USA 73959034						
SHILOH-USA PTRNE JODY CLINE	USA 73362038						
SHILOH-USA PUNCH 8784	USA 71764008						
SHILOH-USA PURE 2163	USA 73959293						
SHILOH-USA PURE 2260	USA 73959390						
SHILOH-USA PUZZLE 1447	USA 73362231						
SHILOH-USA PUZZLE 1548	USA 73958678						
SHILOH-USA RAMOS MITZI	USA 65457401						
SHILOH-USA REFLECTOR 2093	USA 73959223						
SHILOH-USA SEBASTIAN 7326	USA 69880023						
SHILOH-USA SHAMROCK 8531	USA 71763755						
SHILOH-USA SHAMROCK 8603	USA 71763827						
SHILOH-USA SHAMROCK 8611	USA 71763835	C					
SHILOH-USA SHAMROCK 8697	USA 71763921						
SHILOH-USA SHAMROCK 8704	USA 71763928						
SHILOH-USA SHAMROCK 8760	USA 71763984						
SHILOH-USA SHAMROCK 8789	USA 71764013						
SHILOH-USA SHAMROCK 8877	USA 71764101						
SHILOH-USA SHAMROCK 9031	USA 72341380						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHILOH-USA SHAMROCK 9854	USA 72342203						
SHILOH-USA SHAMROCK HARPER	USA 71763883						
SHILOH-USA SHKSPR ARABEL-ET	USA 73362052						
SHILOH-USA SHMRCK DARBIE-ET	USA 71130805						
SHILOH-USA SHMRCK DARCIE-ET	USA 71130780						
SHILOH-USA SHOTTLE EDEN-ET	USA 68583004						
SHILOH-USA SMK JULIET CLINE	USA 71764175						
SHILOH-USA SMRK JENNA CLINE	USA 71764093						
SHILOH-USA SPARK ELEXUS-ET	840003131563934						
SHILOH-USA SPRING HEAVEN-ET	USA 73959479						
SHILOH-USA SS MILLICENT-ET	USA 73958638						
SHILOH-USA SUPERB 8671	USA 71763895						
SHILOH-USA SUPERSIRE 1913	USA 73959043						
SHILOH-USA SUPERSIRE 2813	840003131563764						
SHILOH-USA SUPERSIRE 9560	USA 72341909						
SHILOH-USA SUPERSIRE 9573	USA 72341922						
SHILOH-USA SUPERSIRE MOLLY	USA 73959084						
SHILOH-USA SUPLEX 1117	USA 73361901						
SHILOH-USA TABLE 1289	USA 73362073						
SHILOH-USA YODER 3253	840003133184646					C	
SHINEY-ET	DEU 662733957	C				C	
SHIPS-HOLM CHAP GEM	USA 71824053						
SHIR-MAN BUXTON BLIZZARD	840003127031742						
SHOEMAKER PLANET LULU	USA 140513864						
SHOEMAKER SOCRATES MARY-ANN	USA 139761601						
SHOREMAR FORTUNE ALYSSA-ET	USA 62738492	C					
SHORESBROOK ADV POSH-RED	USA 140472503						
SHORESBROOK ARMANI ARTSY	USA 73720437						2
SHORESBROOK ATWOOD ANGULAR	USA 141450881						
SHORESBROOK BOX OZZIE-ET	USA 141227469			C			
SHORESBROOK BRADY MERCEDES	USA 73720432						
SHORESBROOK DUR PIT-ET	USA 138889551						
SHORESBROOK FACEBOOK JOY-ET	USA 143400873						
SHORESBROOK HV BERNING-RED	USA 141233686						
SHORESBROOK SS BLOSSY-ET	USA 139599394						1
SHORESBROOK SS BOOMY-ET	USA 139599376						1
SHORESBROOK STORM ANT-ET	USA 71256239				C		1
SHOTTI 56-ET	DEU 350009368	C					
SHOTTLE JANNA	NLD 443146754	C				C	
SHOTTLE SILVER	NLD 428046042					C	
SHOW-CASE BRAXTON HOLLY-ET	USA 73790126						
SHOW-MAR HAM 1159	USA 136396518						
SHOW-MAR ICE PACK OMLET	USA 69514409						
SHOW-MAR ICE PACK TINA	USA 69514402		C				
SHOW-MAR IRIS 1263	USA 141416115		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SHOW-MAR LEE NENERS	USA 69514404	C					3
SHOW-MAR SANDY 1351-ET	USA 142990270						
SHOW-MAR SUGAR 1344	USA 142980264						
SHUB BEAU FANTASTIC	USA 72668966						
SHUB CAMERON FABLE-ET	USA 71219510						
SHUB CAMERON FREEZE-ET	USA 71219518						
SHUB DORCY FINE	USA 73261089						
SHUB SHAN FLUKE-ET	USA 72333405						
SHUB SYMPATICO FINALE-ET	USA 72333382			C			
SHUB WINDBROOK FAMOUS-ET	USA 71219502						1
SHUB WINDBROOK FUN-ET	USA 71219501						
SHUFARMS SANCHEZ ALEX	840003008673202						
SHYLO CYCLONE LOURIE-ET	USA 68961063						1
SHYLO CYCLONE MS LORI-ET	USA 68961032						
SI-RHON BLAZE VALENTINE-RED	USA 63786624						3
SIBCULO OUTSIDE GIN	CAN 7720202						
SIBERT ALEXANDER MARCELLA	USA 52821579						
SIBERT B SHAELA-ET	USA 51562950						
SIBERT BOGART SIMONE-ET	USA 52821591						1
SIBERT BOGART STACIA	USA 52821589						
SIBERT BOGART STYLE	USA 66649702			C			
SIBERT BOOKEM STROWENA-ET	USA 56491917						
SIBERT CHELIOS SNOCONE	USA 142974944						
SIBERT DOMINANT SUNBLOCK	USA 142975217	C					
SIBERT DURHAM SAPPHIRE	USA 51581908						
SIBERT GOLDWYN STACEY-ET	USA 52821546						1
SIBERT GOLDWYN STELLA-ET	USA 52821548						1
SIBERT GOLDWYN STEVIE-ET	USA 52821549						
SIBERT GOLDWYN STILLETTA-ET	USA 52821550						1
SIBERT LAUTHORITY SUZIE-ET	USA 142975196						1
SIBERT LAVANGUARD SYLVEY	USA 56491905	C					
SIBERT LEVI CLARIBELLE	USA 142974935			C			
SIBERT LEVI SABRINA	USA 143137454			C			1
SIBERT MARSHALL SARAH	USA 51833548						
SIBERT NIAGRA MARTINA	USA 56491915						
SIBERT NIAGRA SADIE	USA 56491907						1
SIBERT NIAGRA SILVANA	USA 56491902						
SIBERT SUPER SALENA-ET	USA 52821597						1
SIBERT SUPER SALVIA-ET	USA 52821596						1
SIBERT VALOR SUNNY-RED	USA 142975208	C					1
SIBIC DELTA GRACIOUS	840003132381958						
SIBIC MATT-DARI BOURBAN	USA 68958543						
SIBIC MATT-DARI MIXER BUNNY	USA 71667899						
SIBIC MD BELUGA BOULET	USA 73727219					C	
SIBIC RUBICON CAMILLE 2522	USA 74551038						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SICY ARIANNE GOLDWYN	CAN 107485478						1
SIDS ATLANTA GILDA	USA 135724417						
SIEMERS 1ST BROOKE-F1-ET	840003130920062						
SIEMERS 1ST BROOKE-F2-ET	840003130920068						
SIEMERS 1ST BROOKE-F3-ET	840003130920073						
SIEMERS 1ST BROOKE-F4-ET	840003130920091						
SIEMERS 1ST BROOKEFIELD-ET	840003130920051						
SIEMERS 1ST BROOKELYN-ET	840003130920048						
SIEMERS 1ST BROOKENESS-ET	840003130920052						
SIEMERS 1ST BROOKINA-ET	840003130920044						
SIEMERS 1ST D-ROZETE-ET	840003126125990						
SIEMERS 1ST D-ROZETI-ET	840003126126015						
SIEMERS 1ST D-ROZETTA-ET	840003126125995						
SIEMERS 1ST D-ROZETTE-ET	840003126125978						
SIEMERS 1ST ROZ-QUEENY-ET	840003130920050						
SIEMERS 1STCLAS D-ROZETT-ET	840003126125983						
SIEMERS 1STCLS S-ROZ-ANN-ET	840003126126048						
SIEMERS ABERLIN 17268	USA 70784983						
SIEMERS ABOUT GREAT-ONE-ET	840003126126196						
SIEMERS ACE CHARM 17168	USA 70784883						
SIEMERS ADAM 5014 7785	USA 61726295						
SIEMERS ADAM HONEY 8527	USA 62375934						
SIEMERS ADAM LENA 8089	USA 61726599						
SIEMERS ADRENALIN 18033	USA 71359610						
SIEMERS ADRENALIN BERRINA	USA 71359840						
SIEMERS ADRENALIN BOO 17612	USA 71104672			C			
SIEMERS ADRENALIN BREN	USA 70784827						
SIEMERS ADRENALIN GEMINI	USA 70784839						
SIEMERS ADRENALIN GENEE-TW	USA 71104912						
SIEMERS ADRENALIN GENIA-TW	USA 71104911						
SIEMERS ADRENALIN HELOISE	USA 70408590						
SIEMERS ADRENALIN HIA-STAR	USA 71359826						
SIEMERS ADRENALIN HULA	USA 71104998						
SIEMERS ADRENALIN KARI	USA 70784753						
SIEMERS ADRENALIN SISSY	USA 71359635						
SIEMERS ADRNLN DENISE 18359	USA 71359936						
SIEMERS AHEAD HOSTE	840003125519447						
SIEMERS AL HIA-PELLA-ET	USA 68667895						
SIEMERS ALCHEMY BE-DAZ-ET	USA 71359597						
SIEMERS ALCHEMY BEDAZLIN-ET	USA 71360070						
SIEMERS ALCHEMY HAZEL-SKY	840003010660167						
SIEMERS ALCHEMY WAI 18733	840003010660249		C				3
SIEMERS ALCHMY BEDAZ-RAY-ET	USA 71359638						
SIEMERS ALCHMY BEDAZGIRL-ET	USA 71359665						
SIEMERS ALCHMY BEDAZLADY-ET	USA 71359663						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS ALCHMY DEANN-GAL-ET	840003010660130						1
SIEMERS ALCHMY MIRZ-RED-ET	840003010660119						1
SIEMERS ALCMY BEDAZLSTAR-ET	840003011130237						
SIEMERS ALCMY MIRRORSTAR-ET	840003010660102						1
SIEMERS ALEX BEAUTIFUL-ET	USA 68667662						1
SIEMERS ALEX BEDAZZLIN-ET	USA 66734401						
SIEMERS ALEX BOUNTIFUL-ET	USA 68667638						
SIEMERS ALEX BRILLIANT-ET	USA 68667629						
SIEMERS ALEX EBONY-ET	USA 68667480						1
SIEMERS ALEX ELECTRIC-ET	USA 68667497						
SIEMERS ALEX ELLUSION-ET	USA 68667567						
SIEMERS ALLTHAT 18381	USA 71359958						
SIEMERS ALRIGHT ROZ-ANN-ET	840003123738055						
SIEMERS ALRIGHT ROZ-ET	840003123738040						
SIEMERS ALTA5G 22435	840003123738724						
SIEMERS ALTA5G 22738	840003125519631						
SIEMERS ALTA5G 22829	840003125519722						
SIEMERS ALTA5G BEDAZL-ANN	840003123738710						
SIEMERS ALTA5G DIA	840003125519776						
SIEMERS ALTA5G ELEGANT	840003125519717						
SIEMERS ALTA5G GLOB	840003126126051						
SIEMERS ALTA5G HALLALUH	840003125519743						
SIEMERS ALTA5G KASSIDY	840003125519565						
SIEMERS ALTA5G OLIVE	840003125519712						
SIEMERS ALTAOAK 21335	840003013844642						
SIEMERS ALTAOAK 22281	840003123738570						
SIEMERS ALTAOAK ADELE	840003123738147						
SIEMERS ALTAOAK ATLE-CARA	840003123738419						
SIEMERS ALTAOAK CENT-ET	840003013010443						
SIEMERS ALTAOAK COUNTES	840003123737872						
SIEMERS ALTAOAK HAYDENS	840003123738628						
SIEMERS ALTAOAK HOSTE2	840003123738684						
SIEMERS ALTAOAK JIPSEE-DILL	840003123738053						
SIEMERS ALTAOAK KASSY	840003123737866						
SIEMERS ALTAOAK PREMIUM	840003123738606	C					
SIEMERS ALTAOAK PREVUE	840003013844801						
SIEMERS ALTAOAK ROZ-ET	840003013844476						
SIEMERS ALTAOAK ROZZA-ET	840003013844482						
SIEMERS ALTAOAK SHE-RAZE	840003013010695						
SIEMERS ALTAOAK TOLL 22250	840003123738539						
SIEMERS ALTON 9128	USA 62663412						
SIEMERS ANAHIEM ABLAZE-RED	840003126126301						
SIEMERS ANANDO 3850 7291	USA 61725801						
SIEMERS ARCH LADY-SUE-ET	840003131528323						1
SIEMERS ARCH MOLLY-ET	840003132662646						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS ARCH WHIP-ET	840003131528138						
SIEMERS ARCH WHIPLASHER-ET	840003132662663						
SIEMERS ARGON HAST-BELL	USA 71359909						
SIEMERS ARM FROSTY-SNOW-ET	840003126125928						1
SIEMERS ARMANI ANGEL-LIN	840003123738196						1
SIEMERS ARMITAGE DELICIOUS	USA 71104853						
SIEMERS ARMITAGE JOLAN	USA 71104931						
SIEMERS ART JUBA-LEE	840003123737972						
SIEMERS ATW HAYA-DREAM	840003123738480						
SIEMERS ATW HAYAS-DIVA-ET	USA 70408155						
SIEMERS ATW HILDALICIOUS-ET	USA 69854510						
SIEMERS ATW SCARLET-LOVE-ET	840003126126157						
SIEMERS ATWOOD BEYONCE	USA 70784758		C				
SIEMERS ATWOOD CATE	USA 70785115						
SIEMERS ATWOOD ENERGETIC	USA 71359835						
SIEMERS ATWOOD ENSTANT	840003013010752						
SIEMERS ATWOOD FENOM 17072	USA 70784787						
SIEMERS ATWOOD GERTANNA	840003131528023						
SIEMERS ATWOOD HAY-GIRL-ET	USA 70115001						
SIEMERS ATWOOD JOY	840003131528246						1
SIEMERS ATWOOD MARTINI	840003123738022						
SIEMERS ATWOOD MONALISA	USA 70784729						
SIEMERS ATWOOD ROZALUTE	840003123737995						
SIEMERS AVERY AVON 17420	USA 70785135			C			1
SIEMERS AVERY MOON 17539	USA 71104599						
SIEMERS AVERY VIVAT 17351	USA 70785066			C			
SIEMERS AWESM APPLEBLOOM-ET	840003132662750						
SIEMERS AWESOM APPLESTAR-ET	840003132662714						
SIEMERS BALISTO JIPSEGAL-TW	840003130920466						
SIEMERS BALSTO JIPSEGALS-TW	840003130920465						
SIEMERS BARBWIRE MARINA-RED	USA 71359595					C	
SIEMERS BAYONET 24491	840003131528437						
SIEMERS BAYONET 24636	840003132662670						
SIEMERS BAYONET BOMBIANNA	840003130920170						
SIEMERS BAYONET DESIRE	840003132662554						
SIEMERS BAYONET HANNA-ET	840003131528253						
SIEMERS BAYONET HANNAH-ET	840003131528272						
SIEMERS BAYONET STARLET-ET	840003131528282						
SIEMERS BAYONET STARS-ET	840003131528238						
SIEMERS BEAU 18299	USA 71359876						
SIEMERS BEAU HOLLISTIC	USA 71359709						
SIEMERS BEN 21515	840003123737804						
SIEMERS BEN HILSE	840003012170519						
SIEMERS BEN ROZANNE-BABE-ET	840003011589665						
SIEMERS BEN ROZANNE-ET	840003011589625						

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SIEMERS BEN ROZANNE-GAL-ET	840003011589630						
SIEMERS BEN ROZANNE-STAR-ET	840003011589647						
SIEMERS BLAKE SCARLENE-ET	840003132662662						
SIEMERS BMBRO REAL-DREAM-ET	840003123738490						
SIEMERS BMRO BROOKESTONE-ET	840003123738701						
SIEMERS BMRO REAL-DESIRE-ET	840003123738491						
SIEMERS BOMBERO ALLE-DAY	840003130920227						
SIEMERS BOMBERO ANGEL-LEE	840003130920049						
SIEMERS BOMBERO BOMBI-ET	840003123738523						
SIEMERS BOMBERO BOMBIE	840003126125921						
SIEMERS BOMBERO BROOKE-ET	840003123738700						
SIEMERS BOMBERO BROOKES-ET	840003123738735						
SIEMERS BOMBERO CANDY	840003126126031						
SIEMERS BOMBERO DANA-GIRL	840003126125958						
SIEMERS BOMBERO DIANA	840003126126282						
SIEMERS BOMBERO ELLA	840003126126333						
SIEMERS BOMBERO EXCITING	840003126126119						
SIEMERS BOMBERO FAITHE	840003126125900						
SIEMERS BOMBERO GALI	840003125519736						
SIEMERS BOMBERO HONNA	840003130920126						
SIEMERS BOMBERO PETY-ET	840003125519720						
SIEMERS BOMBERO PHAWNA-ET	840003123738669						
SIEMERS BOMBERO ROZANNA-ET	840003125519401						
SIEMERS BOMBERO ROZANNE-ET	840003123738731						
SIEMERS BOMBERO ROZATOR-ET	840003123738705						
SIEMERS BOMBR BRNZE11043-ET	840003126218740						
SIEMERS BOMBRO REAL-NEAT-ET	840003123738464						
SIEMERS BOMRO BROOKINA-ET	840003123738772						
SIEMERS BOMRO REAL-PRIDE-ET	840003123738509						
SIEMERS BOOKEM 17055	USA 70784770						
SIEMERS BOOKEM 17104	USA 70784819	C					
SIEMERS BOOKEM 18215	USA 71359792						
SIEMERS BOOKEM 18222	USA 71359799						
SIEMERS BOOKEM 18398	USA 71359975						
SIEMERS BOOKEM ASH-LEI	840003010660505					C	
SIEMERS BOOKEM ATLEE-ONE-ET	USA 69854860						
SIEMERS BOOKEM BEU 17297	USA 70785012						
SIEMERS BOOKEM CHANTEL-ET	USA 70784992						
SIEMERS BOOKEM DANIKA 17349	USA 70785064					C	1
SIEMERS BOOKEM DELIGHT	USA 71104561					C	
SIEMERS BOOKEM DESIRE 18255	USA 71359832						
SIEMERS BOOKEM DIANE 17942	USA 71105002						
SIEMERS BOOKEM GLAMOUR	840003010660377						
SIEMERS BOOKEM HAPPINESS	USA 71104891						
SIEMERS BOOKEM HONEY	USA 70785055						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS BOOKEM HONOR	USA 71104632						
SIEMERS BOOKEM HOPE-GIRL	840003010660181						
SIEMERS BOOKEM LIZ 18372	USA 71359949						
SIEMERS BOOKEM LOVE1 18127	USA 71359704						
SIEMERS BOOKEM ROZ 18034	USA 71359611						
SIEMERS BOOKEM SILVIA	840003010660246						
SIEMERS BOXER AMIE 17385	USA 70785100						
SIEMERS BOXER JOLAN 17352	USA 70785067						
SIEMERS BOXER ROSY 17387	USA 70785102						
SIEMERS BOXER SIENA	USA 71104898						
SIEMERS BOYOBOY 18682	840003010660198						
SIEMERS BRADNCK DIANA 18066	USA 71359643						1
SIEMERS BRADNCK MARAGRET-ET	USA 71359706						
SIEMERS BRADNICK ABIGAIL	USA 71359730						
SIEMERS BRADNICK AGI 17990	USA 71105050						
SIEMERS BRADNICK BEDAZ-ANN	840003010660036						
SIEMERS BRADNICK HALLASTAR	840003011589420					C	
SIEMERS BRADNICK HAYA-ANN	USA 71359810						
SIEMERS BRADNICK HAZELSTAR	840003010660250						
SIEMERS BRADNICK HIA-ANNA	840003010660304						
SIEMERS BRAX FEAR-HOT-ET	USA 70408565						
SIEMERS BRAXTON MARINA-ET	USA 71359732						
SIEMERS BRDNK FROSTY-1-ET	USA 71359903						
SIEMERS BRDNK FROSTY-GAL-ET	USA 71359900						
SIEMERS BRDNK FROSTY-MUG-ET	USA 71359925						
SIEMERS BRETT 17161	USA 70784876						
SIEMERS BRETT 17172	USA 70784887						
SIEMERS BRETT 17319	USA 70785034						
SIEMERS BRETT GAY 17227	USA 70784942						
SIEMERS BRETT HARRIET 17259	USA 70784974						
SIEMERS BRETT HAZE 17217	USA 70784932						
SIEMERS BRETT JUNE 17163	USA 70784878						
SIEMERS BRETT PREVUE 17140	USA 70784855						
SIEMERS BRIGHAM 23710	840003130920178						
SIEMERS BRIGHAM 23992	840003130920460						
SIEMERS BRIGHAM AMBITIOUS	840003130920084						1
SIEMERS BRIGHAM AR-GAL	840003130920242					C	
SIEMERS BRIGHAM HELINA	840003130919972					C	
SIEMERS BRIGHAM JUBA-LEE	840003130920445						
SIEMERS BRIGHAM KARY	840003126126369						
SIEMERS BRIGHAM M-ROZ	840003130920446						
SIEMERS BRIGHAM ROZ	840003126126306						
SIEMERS BRIGHM D-ROZETTE-ET	840003126126186						
SIEMERS BRKW FOOLS-BRITE-ET	840003123737807						3
SIEMERS BRKW SCARLET-ELI-ET	840003130920351						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS BROKAW LADY-SARA-ET	840003131528085						1
SIEMERS BROMINE 17815	USA 71104875						
SIEMERS BROMINE HAY 17800	USA 71104860						
SIEMERS BRONO 19978	840003011589726						
SIEMERS BRST AZALIEA-RED-ET	840003011129877						1
SIEMERS BRST AZALINA-RED-ET	840003011129878						1
SIEMERS BURST APPLE-RED-ET	840003011130104		C				1
SIEMERS BURST APPLES-RED-ET	840003011130090						1
SIEMERS BURST AZALEA-ET	840003011129862		C				1
SIEMERS BURST AZALEE-ET	840003011129892						1
SIEMERS BW FOOLSGOLD-RED-ET	840003123737809						3
SIEMERS CAMERON 19340	840003011130188						
SIEMERS CAMERON HIL-BEE	840003010660149						
SIEMERS CAMERON KASSIDY	840003010660300						
SIEMERS CASHCOIN 21859	840003123738148						
SIEMERS CASHCOIN DALIA	840003123738259						
SIEMERS CASHCOIN HOSANNA	840003123738017						
SIEMERS CASHCOIN ROZ-ET	840003012170809						
SIEMERS CASHMONEY HOOPJE	840003013844676						1
SIEMERS CASPIAN SIENNA	840003130920249						
SIEMERS CASUAL KIT	840003013010548						
SIEMERS CASUAL SHAN-GIRL-ET	840003013010590						
SIEMERS CASUAL SHANA-ET	840003013010513						
SIEMERS CASUAL SHANGHAI-ET	840003013010635						
SIEMERS CASUAL SHANGHI-ET	840003013010552						
SIEMERS CASUAL SHANGRILL-ET	840003013010589						
SIEMERS CHARLIE 17638	USA 71104698						
SIEMERS CHEVROLET DULCE-ET	840003123738023						
SIEMERS CHINOOK HAY 12816	USA 66298044						
SIEMERS CIRCUIT NICKY 17383	USA 70785098						
SIEMERS CLARK 17271	USA 70784986					C	
SIEMERS CLARK 17295	USA 70785010						
SIEMERS CLARK HAST-ELLA	USA 70784723						
SIEMERS CLARK VALLER-TW	USA 71359967						
SIEMERS CLARK VALLER1-TW	USA 71359966						
SIEMERS CLEARCUT 22594	840003125519487						
SIEMERS CLEVELAND AVON	USA 68667939						
SIEMERS COBRA PREVUE	USA 71104743			C			
SIEMERS COLBY GLOB 17170	USA 70784885		C				
SIEMERS COLBY HARPER-ET	USA 65960232		C				
SIEMERS COLBY HAYDEN-ET	USA 65960214						
SIEMERS COLBY HAZEL-ET	USA 65960223						
SIEMERS COLT JACHE-ET	840003013844373						
SIEMERS COLT JACHEIA-ET	840003013844387						
SIEMERS COMET COUNTINA-ET	USA 71359625						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS COMMANDER MONI-C	840003132662610						
SIEMERS CONSTANTINE 17422	USA 70785137						
SIEMERS CONSTANTINE 17460	USA 70785175						3
SIEMERS COREY BOMBI-STAR	840003131528186						
SIEMERS CORVETTE ASHLYN-ET	840003123738584						
SIEMERS CORVETTE HILACIOUS	840003125519609						
SIEMERS CRANK 24227	840003131528173						
SIEMERS CRANK HAYDEN	840003131528212						
SIEMERS CRANK JUNE	840003131528430						
SIEMERS CRANK KEOTA	840003131528164						
SIEMERS CROWN HALLE-KAY	840003011130079						1
SIEMERS CROWN HERSHEY	USA 71359863			C			1
SIEMERS CROWN LASINA	USA 71105048						1
SIEMERS CRWNP APPLESTAR-RED	840003125519594						1
SIEMERS D-MAN COOL-WHIP-ET	840003131528093						
SIEMERS D-MAN LADY-WHIP-ET	840003131528105						
SIEMERS D-MAN SCARLENE-ET	840003130920161						1
SIEMERS DADDY 19661	840003011589409						
SIEMERS DADDY 19831	840003011589579		C				3
SIEMERS DADDY BOMBACIOUS-ET	840003011130262						
SIEMERS DADDY BOMBI-GAL-ET	840003011130244						
SIEMERS DADDY BOMBI-GIRL-ET	840003011130246		C				
SIEMERS DADDY BOMBILIOUS-ET	840003011130249		C				
SIEMERS DADDY BOMBINESS-ET	840003011130276						
SIEMERS DADDY BOMBIOUS-ET	840003011130279						
SIEMERS DADDY BOMBTASTIC-ET	840003011130258		C				
SIEMERS DADDY SULTRY	840003011589626	C					
SIEMERS DAKKER MIRAGE-RED	840003011130089						
SIEMERS DAKR MIRAGE-STAR-ET	840003010660312						1
SIEMERS DAMION MARRIETT-ET	USA 70114860						
SIEMERS DAMION SCAR-LET-ET	840003010660286						
SIEMERS DAY 20504	840003013010326	C					
SIEMERS DAY ANGEL-LEE	840003012170901						
SIEMERS DAY CENTER-ET	840003011589584						
SIEMERS DAY CENTERFOLD-ET	840003011589574						
SIEMERS DAY CENTURIA-ET	840003011589569						
SIEMERS DAY CENTURY-ET	840003011589557			C			
SIEMERS DAY DEE	840003011589599						
SIEMERS DAY DELIGHT	840003011589442						
SIEMERS DAY FERRY	840003011589507						
SIEMERS DAY HERSHEY	840003012170799						
SIEMERS DAY HIL-ANN	840003012170523						
SIEMERS DAY SPICE	840003012170543						
SIEMERS DAY T-HIASTAR	840003013010426						
SIEMERS DAYSTAR HAYDINA	840003010660084						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS DEAN 19417	840003011130265						
SIEMERS DEAN PERU	840003011589274						
SIEMERS DEDCTIVE ROZETTE-ET	840003123737848						
SIEMERS DEDUCTIVE CONNIE	840003123738640						
SIEMERS DEDUCTIVE DAZZLE	840003125519576						
SIEMERS DEDUCTIVE ROZ-ET	840003123737818						
SIEMERS DEFENDER CENTERFOLD	840003126126293						
SIEMERS DEFENDER ROZ-THE-1	840003130920005						
SIEMERS DEFIANT LAURYN-ET	840003123737943						
SIEMERS DEFNT 1GRETCHEN-ET	840003013844765						
SIEMERS DEFNT GREAT-RED-ET	840003013844312						
SIEMERS DELTA B-ROZ-ET	840003130920410						
SIEMERS DELTA B-ROZE-ET	840003130920429		C				
SIEMERS DELTA BAILEY	840003131528063						
SIEMERS DELTA BROOKE-D1-ET	840003131528229						
SIEMERS DELTA BROOKE-D2-ET	840003131528254						
SIEMERS DELTA BROOKE-D3-ET	840003131528287						
SIEMERS DELTA BROOKE-D4-ET	840003131528288						
SIEMERS DELTA BROOKE-D5-ET	840003131528298						
SIEMERS DELTA BROOKE-D6-ET	840003131528309						
SIEMERS DELTA BROOKE-D7-ET	840003131528358						
SIEMERS DELTA COUNTESS	840003132662998						
SIEMERS DELTA EXCITING	840003132662861						
SIEMERS DELTA S-ROZ-ANN-ET	840003130920358						
SIEMERS DELTA S-ROZ-ANNE-ET	840003131527977						
SIEMERS DELTA S-ROZZANN-ET	840003131527951						
SIEMERS DELTA SHANAS	840003131528216						
SIEMERS DELTA SHANGRY	840003131528376						
SIEMERS DELTA SHE-RAZE	840003131528290						
SIEMERS DELTA U-BOMBA-ET	840003130920455						
SIEMERS DEMPSEY JADE 17856	USA 71104916						
SIEMERS DENVER 24675	840003132662709						
SIEMERS DENVER BOMBIA	840003132662573						
SIEMERS DENVER D-ROUTE-ET	840003132662825						
SIEMERS DENVER D-ROZ-ET	840003132662859						
SIEMERS DENVER DESIRE	840003132662911						
SIEMERS DENVER DESIREE	840003132662760						
SIEMERS DENVER DONALITE	840003132662583						
SIEMERS DENVER JACHEIA	840003132662780						
SIEMERS DENVER M-ROZ-ET	840003131528304						
SIEMERS DENVER OLIVE	840003132662677						
SIEMERS DENVER PARINI-ET	840003132662843						
SIEMERS DENVER PARIS-ET	840003132662839						
SIEMERS DENVER PARROT-ET	840003132662853						
SIEMERS DESTRY SUNNY-RED-ET	USA 69660572						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS DETERMINE ROZ-1-ET	840003012170864						
SIEMERS DETERMINE ROZ-ET	840003012170847						
SIEMERS DETERMINE ROZA-ET	840003012170869						
SIEMERS DETERMINE ROZZ-ET	840003012170855						
SIEMERS DETERMN SHE-RAZE-ET	840003012170834						
SIEMERS DETRMIN GLORIANA-ET	840003012170844						
SIEMERS DETRMN SHE-RAZES-ET	840003012170837						
SIEMERS DEYJA KASSY	840003130920338						
SIEMERS DICKEY 17056	USA 70784771						
SIEMERS DICKEY 17101	USA 70784816						
SIEMERS DICKEY 17285	USA 70785000						
SIEMERS DICKEY IOWA 17273	USA 70784988						
SIEMERS DIE-HARD 4974 6849	USA 60811359						
SIEMERS DIE-HARD 5127 6984	USA 60811494						
SIEMERS DIEHARD JOLAN 11421	USA 64886879						
SIEMERS DMAIN BRILLIANCE-ET	USA 69660445						
SIEMERS DMAN FROSTLANE-ET	840003013010473					C	
SIEMERS DNVR T-ROZ-DREAM-ET	840003131528303		C				
SIEMERS DOMAIN 17066	USA 70784781						
SIEMERS DOMAIN BEAUTIFY-ET	USA 69660446						
SIEMERS DOMAIN TERRI 17534	USA 71104594						
SIEMERS DOORMAN 21261-TW	840003013844568					C	
SIEMERS DOORMAN 21262-TW	840003013844569						
SIEMERS DOORMAN 21600	840003123737889					C	
SIEMERS DOORMAN 21672	840003123737961					C	
SIEMERS DOORMAN 21763	840003123738052					C	
SIEMERS DOORMAN 22014	840003123738303					C	
SIEMERS DOORMAN 22178	840003123738467						
SIEMERS DOORMAN 22261	840003123738550					C	
SIEMERS DOORMAN 22329	840003123738618					C	
SIEMERS DOORMAN 22340	840003123738629						
SIEMERS DOORMAN ALEXI-LYN	840003123738392						
SIEMERS DOORMAN ALLEXIS	840003123738449					C	
SIEMERS DOORMAN ANDREA	840003123738290					C	
SIEMERS DOORMAN ASHLEYKAY	840003123738018						
SIEMERS DOORMAN ATLE-KATE	840003125519399						1
SIEMERS DOORMAN ATLE-WHIZ	840003123738664						
SIEMERS DOORMAN ATLEESONE	840003013844554						
SIEMERS DOORMAN BOMBETTE-ET	840003013010364					C	
SIEMERS DOORMAN BOMBI-1-ET	840003012170591					C	
SIEMERS DOORMAN BOMBIA-ET	840003012170596					C	
SIEMERS DOORMAN BOMBINA-ET	840003012170936						
SIEMERS DOORMAN DAY 21820	840003123738109					C	
SIEMERS DOORMAN DELITE	840003123738750			C			
SIEMERS DOORMAN DIANE	840003013844430					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS DOORMAN EXCITED-ET	840003013010454					C	
SIEMERS DOORMAN EXCITING-ET	840003013010447					C	
SIEMERS DOORMAN FROSTYLIOUS	840003013844391					C	
SIEMERS DOORMAN GAY	840003123737970	C				C	
SIEMERS DOORMAN GLAM-DIVA	840003126125949					C	1
SIEMERS DOORMAN GLAM-STAR	840003126126138						
SIEMERS DOORMAN GLAMSTHE1	840003123737983					C	
SIEMERS DOORMAN GLOBAL	840003125519526						
SIEMERS DOORMAN HANNALYN	840003123738282						
SIEMERS DOORMAN HELMA	840003125519480						
SIEMERS DOORMAN HIA-FIRE	840003123738775						
SIEMERS DOORMAN HOLYCOW	840003123738083						
SIEMERS DOORMAN HOSA 22439	840003123738728						
SIEMERS DOORMAN JUNE	840003125519648					C	1
SIEMERS DOORMAN KARI	840003123738748						
SIEMERS DOORMAN MARRITTA-ET	840003012170706						
SIEMERS DOORMAN MOONLIGHT	840003123738624						
SIEMERS DOORMAN ROZ-ET	840003012170601						
SIEMERS DOORMAN ROZ-GIRL-ET	840003013010377						
SIEMERS DOORMAN ROZ-STAR-ET	840003013010392						
SIEMERS DOORMAN ROZETTE-ET	840003012170586					C	
SIEMERS DOORMAN ROZINA-ET	840003012170617						
SIEMERS DOORMAN SERENE	840003123738430						
SIEMERS DOORMAN SHANAS-ET	840003013010641						
SIEMERS DOORMAN SHANGRIL-ET	840003013010668						
SIEMERS DOORMAN SIDNEY	840003125519567					C	
SIEMERS DOORMAN SPARKIE	840003123738388						
SIEMERS DOORMAN WHISP-ET	840003131528145					C	
SIEMERS DOORMAN WHISPER-ET	840003131528158					C	
SIEMERS DOORMAN WHITNEY-ET	840003131528169					C	
SIEMERS DOORMN ROZS-GIRL-ET	840003013010357					C	
SIEMERS DOORMN SHANGRI-ET	840003013010705						
SIEMERS DOORMN SHANGRILA-ET	840003013010655						
SIEMERS DOORMN SHANGRILL-ET	840003013010692					C	
SIEMERS DOORS HANKERA-ET	840003131527971	C				C	
SIEMERS DOORS S-ROZANE-ET	840003131528019						
SIEMERS DOORS S-ROZANNN-ET	840003131528032						
SIEMERS DORCY BETTY-ET	USA 69660660						
SIEMERS DOZER DESIGNER	840003132662742						
SIEMERS DOZER HAN-JEWEL-ET	840003132662775						
SIEMERS DOZER HANKERIN-ET	840003132662711						
SIEMERS DRACO BROOKE-ET	840003130920291						1
SIEMERS DRACO BROOKIE-ET	840003130920317						
SIEMERS DRACO D-ROZ-GIRL-ET	840003130920297						
SIEMERS DRACO HANKER-ET	840003130920406						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS DRACO HANKERIN-ET	840003130920422						
SIEMERS DRACO HANKERINA-ET	840003130920438						
SIEMERS DRACO HANKERNESS-ET	840003130920407						1
SIEMERS DRACO HANKIE-ET	840003131527959						1
SIEMERS DRACO HANNA-ET	840003131527947						1
SIEMERS DRACO HANNAH-ET	840003130920462						
SIEMERS DRACO HANRIETTA-ET	840003130920450						
SIEMERS DRACO MARY-KAY-ET	840003130920327						
SIEMERS DRACO MERRY-ET	840003130920298						1
SIEMERS DRACO MERRY-MAE-ET	840003130920313						
SIEMERS DRACO REAL-ONE	840003132662993						1
SIEMERS DRACO ROZ-QUEEN-ET	840003130920364						
SIEMERS DRACO ROZ-QUIN-ET	840003131527985		C				1
SIEMERS DRACO S-ROZANNE-ET	840003130920373						1
SIEMERS DRACO STAR-ET	840003130920399						
SIEMERS DRACO STARBRIGHT-ET	840003130920461						1
SIEMERS DRACO STARLIGHT-ET	840003130920439						
SIEMERS DRACO STARLITE-ET	840003130920447						
SIEMERS DREAMS BOMBI-ET	840003123738206						
SIEMERS DREAMS BOMBIA-ET	840003123738237						
SIEMERS DRMAN BOMBI-HOPE-ET	840003012170610						
SIEMERS DRMAN BOMBI-STAR-ET	840003012170615						
SIEMERS DRMAN BOMBTASTIC-ET	840003012170929						
SIEMERS DRMN FROSTY-STAR-ET	840003013844322						
SIEMERS DRMN FROSTYDREAM-ET	840003013844309					C	
SIEMERS DSTRY SUNRAYGAL-ET	USA 70408584						
SIEMERS DUDE BERI	USA 71359928						
SIEMERS DUDE CANDY	840003132662871			C			
SIEMERS DUNDEE GOLDN-ONE-ET	USA 69854787						1
SIEMERS DURBIN HIAS-DIVA	840003125519541						
SIEMERS DURBIN JOLAN	840003125519513						
SIEMERS DURBIN SASHA-ET	840003131528327						
SIEMERS DWEAVER BROOKE-ET	840003130920055						
SIEMERS DWEAVER BROOKIE-ET	840003130920058						
SIEMERS DWEAVR BROOKE-D4-ET	840003130920078						
SIEMERS DWEAVR BROOKE-D5-ET	840003130920086						
SIEMERS DWEAVR BROOKE-D6-ET	840003130920088						
SIEMERS ECOYNE 18416	USA 71359993						
SIEMERS ENFORCER CENTS-ET	840003013010650						
SIEMERS ENFORCER CENTURY-ET	840003013010660						
SIEMERS ENTAIL DAZZLE	840003132662976						
SIEMERS ENTAIL DELICATE	840003132662601						
SIEMERS ENTAIL DOLBY-ET	840003131528126						
SIEMERS ENTAIL DOLCE-ET	840003130920454						
SIEMERS ENTAIL HIL-ANN	840003131528184						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS ENTAIL HONOR	840003131528400						
SIEMERS ENTAIL S-ROZANNE-ET	840003130920434						
SIEMERS ENTAIL U-BOMBET-ET	840003131527958						
SIEMERS ENTAIL U-BOMBI-ET	840003130920440						
SIEMERS ENTAIL U-BOMI-ET	840003131527954						
SIEMERS ENTAIL U-BOMM-ET	840003131528016						
SIEMERS ENTAIL WAI	840003132662707						
SIEMERS ENTL APPLE-STAR-ET	840003132662556						
SIEMERS ENTL HANKER-GAL-ET	840003132662589						
SIEMERS ENTL HANKER-GIRL-ET	840003132662553						
SIEMERS ENTL HANKER-MOON-ET	840003132662564						
SIEMERS EPIC 20342	840003012170790						
SIEMERS EPIC ATLEE-1-ET	840003010660396						
SIEMERS EPIC ATLEE-ONE-ET	840003010660364						
SIEMERS EPIC ATLEEONE-ET	840003010660439						
SIEMERS EPIC HALLE-ANN	840003012170749						
SIEMERS EPIC JIPSEENA-ET	USA 71360001						
SIEMERS EPIC KASSA-ET	840003011129893						
SIEMERS EPIC KASSIDY-ET	840003011129866						
SIEMERS EPIC KASSINA-ET	840003011129889						
SIEMERS EPIC KASSINE-ET	840003011129902						
SIEMERS EPIC KASSY-ET	840003011129894						
SIEMERS EPIC PETY-MAE-ET	840003010660168						
SIEMERS EPIC ROZ-HOPE-ET	USA 71359985						
SIEMERS ERASER DUCHESS-ET	840003125519589						
SIEMERS ESCALADE 17445	USA 70785160						
SIEMERS ESCALADE 17583	USA 71104643						
SIEMERS EVENING MUFFIN	840003126126097						
SIEMERS EVENING SANDI-ANN	840003126126334						1
SIEMERS EVERET 4513 7427-TW	USA 61725937						
SIEMERS EXPLD HAZELLINA-ET	USA 71104681						
SIEMERS EXPLD HAZELSTAR-ET	USA 71104722						
SIEMERS EXPLD MARGARITA-ET	USA 70408401						
SIEMERS EXPLODE 17057	USA 70784772						
SIEMERS EXPLODE 17930	USA 71104990						
SIEMERS EXPLODE HANNA-MAY	USA 70785093						
SIEMERS EXPLODE HAZEY-ET	USA 71104688						
SIEMERS EXPLODE HONNA 17850	USA 71104910						
SIEMERS FABRIC BARN-RED	840003013844630						
SIEMERS FEVER FOOLINHOT-RED	840003123737944						3
SIEMERS FLAME BRANDY	840003123738431						
SIEMERS FLAME ROZ-ET	840003123737868						
SIEMERS FLAME ROZ-HOT-ET	840003123737882						
SIEMERS FLAME ROZAM-ET	840003123737905						
SIEMERS FLORES 22292	840003123738581						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS FOOLIN-AROUND-ET	840003013010721						
SIEMERS FORMOST SCORE-ET	840003132662650						2
SIEMERS G W ATWOOD KARI	USA 70785094						
SIEMERS GAIN U-BOMBI-ET	840003125519656						
SIEMERS GAIN U-BOMBIA-ET	840003125519833						
SIEMERS GALAXY BOMBI-1-ET	840003012170556						
SIEMERS GALAXY BOMBI-ANN-ET	840003012170570						
SIEMERS GALAXY BOMBI-ET	840003012170535						
SIEMERS GALAXY BOMBI-GAL-ET	840003012170546						
SIEMERS GALAXY BOMBI-MAE-ET	840003012170583						
SIEMERS GALAXY FRONTIA	840003012170737						
SIEMERS GALAXY GLASS	840003013844529						
SIEMERS GALAXY HARRIET	840003012170784						
SIEMERS GALAXY HAYDENS	840003013010379						
SIEMERS GALAXY HIANA	840003012170687						
SIEMERS GALAXY NORA	840003012170897						
SIEMERS GALAXY ROZ-ET	840003012170653						
SIEMERS GALAXY ROZETA-ET	840003012170656						
SIEMERS GALAXY ROZINA-ET	840003012170663						
SIEMERS GAUGE ATLE-CARA-TW	840003130920320						
SIEMERS GAUGE ATLE-CARA2-TW	840003130920321						
SIEMERS GAVIN LOVING 7877	USA 61726387						
SIEMERS GCHIP BEDAZL-AN-ET	USA 71359620						
SIEMERS GCHIP BEDAZL-GAL-ET	USA 71359822						
SIEMERS GCHIP BEDAZLINA-ET	USA 71359695						
SIEMERS GCHIP BEDAZLING-ET	USA 71359677						
SIEMERS GCHIP BEDAZLYN-ET	USA 71359830						
SIEMERS GCHIP BEDAZLYNN-ET	USA 71359831						
SIEMERS GCHIP BEDAZZLIN-ET	USA 71359837						
SIEMERS GCHIP DE-ANNIE-ET	USA 71359712						
SIEMERS GCHIP GLAM-GIRL-ET	USA 71359853						
SIEMERS GCHIP GLAM-PRIDE-ET	USA 71359858						
SIEMERS GCHIP GLAMORIZE-ET	USA 71359637						
SIEMERS GCHIP GLAMSTHE1-ET	USA 71359606						
SIEMERS GCHIP JIPSE-DILL-ET	USA 71359651						
SIEMERS GCHIP JIPSE-GAL-ET	USA 70785167						
SIEMERS GDCHIP SHE-GREAT-ET	USA 71104950					C	
SIEMERS GENOMICPRO BOODLES	840003008461893						
SIEMERS GLDCHIP ASH-LYN-ET	USA 71104921						
SIEMERS GLDCHIP ASHLEE-ET	USA 71104919						
SIEMERS GLDCHIP CONCERTA-ET	USA 71104882						
SIEMERS GLDCHIP CONTESTA-ET	USA 71104858						
SIEMERS GLDCHIP COUNTESS-ET	USA 71104857						
SIEMERS GLDCHP SHE-ROCKS-ET	USA 71104648					C	
SIEMERS GLXY BOMBI-DREAM-ET	840003012170557						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS GLXY BOMBI-QUEEN-ET	840003012170558						
SIEMERS GOLD HALLALUH-ET	USA 64886549						1
SIEMERS GOLD HAPPENING-TW	USA 66298207						
SIEMERS GOLD HAPPINESS-ET	USA 66297736						1
SIEMERS GOLD HAPPY-TW	USA 66298208						
SIEMERS GOLDCHIP 18529	840003010660045						
SIEMERS GOLDCHIP ASHLEY-ET	840003010660032						
SIEMERS GOLDCHIP CALLISTA	840003010660189						
SIEMERS GOLDCHIP COSMO-ET	USA 71104953						
SIEMERS GOLDCHIP COUNTES	840003011589578						
SIEMERS GOLDCHIP DE-ANN-ET	USA 71359687						
SIEMERS GOLDCHIP DEANA-ET	USA 71359807						
SIEMERS GOLDCHIP DEANNA-ET	USA 71105014						
SIEMERS GOLDCHIP DEANNE-ET	USA 71359824						
SIEMERS GOLDCHIP JIPSEES-ET	USA 71359629						
SIEMERS GOLDCHIP LUXURY	USA 71104831						
SIEMERS GOLDCHIP TALENT	840003011130151						
SIEMERS GOLDCHIP URSA	840003012170577						
SIEMERS GOLDN HANNA-ET	USA 64886575						
SIEMERS GOLDWYN ADDISON-ET	USA 65960277						1
SIEMERS GOLDWYN BOMBY-ET	840003011589497						1
SIEMERS GOLDWYN DAHLIA-ET	USA 66297899						1
SIEMERS GOLDWYN DANA-ET	USA 65960589					C	
SIEMERS GOLDWYN DANIKA-ET	USA 65960630					C	1
SIEMERS GOLDWYN DELIGHT-ET	USA 65960355					C	
SIEMERS GOLDWYN DIANA-ET	USA 64886923						1
SIEMERS GOLDWYN GALAXY-ET	USA 66297738						
SIEMERS GOLDWYN GENA 12922	USA 66298150						
SIEMERS GOLDWYN GENNY-ET	USA 65960586						1
SIEMERS GOLDWYN GISELLE-ET	USA 65960281						1
SIEMERS GOLDWYN GLAMOUR-ET	USA 65960291						
SIEMERS GOLDWYN GLAMS-ET	USA 66298083						1
SIEMERS GOLDWYN GLAZE-ET	USA 66297867						1
SIEMERS GOLDWYN GLITTER-ET	USA 66297737						1
SIEMERS GOLDWYN GLOBAL-ET	USA 66298082						
SIEMERS GOLDWYN GODIVA-ET	USA 66297922						1
SIEMERS GOLDWYN GOLDIE-ET	USA 66297834						1
SIEMERS GOLDWYN GRACIOUS-ET	USA 65960461						1
SIEMERS GOLDWYN HALLEE-ET	USA 66297831						1
SIEMERS GOLDWYN HAPPY-ET	USA 66297833						
SIEMERS GOLDWYN HARRIET-ET	USA 64347393						
SIEMERS GOLDWYN HAYLINA-ET	USA 66298084						1
SIEMERS GOLDWYN HELINA-ET	USA 66297895						
SIEMERS GOLDWYN HIANA-ET	USA 66297735						
SIEMERS GOLDWYN HIANLY-ET	USA 68893753						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS GOLDWYN SABRINA-ET	USA 66297790						3
SIEMERS GOLDWYN SHELLY-ET	USA 66297794						
SIEMERS GOLDWYN WHIPPY-ET	840003013844552						1
SIEMERS GREGARIOUS AMERICA	840003131528368	C					
SIEMERS GUN IVA	840003130920292						
SIEMERS GUTHRIE DELITEFUL	USA 70784886						
SIEMERS GUTHRIE HIA-GIRL	USA 71359649					C	
SIEMERS GWYN FROSTY-STAR-ET	840003013844736						1
SIEMERS HALOGEN 23063	840003126125941						
SIEMERS HALOGEN 23185-TW	840003126126063						
SIEMERS HALOGEN 23186-TW	840003126126064						
SIEMERS HALOGEN APPLES-ET	840003123738216						
SIEMERS HALOGEN ATLEENA	840003130920125						
SIEMERS HALOGEN BEDAZLIN	840003125519478						
SIEMERS HALOGEN BOMBATIOUS	840003126125974						
SIEMERS HALOGEN BOMBTASTIC	840003125519870						
SIEMERS HALOGEN BOMBY	840003125519825						
SIEMERS HALOGEN EXCITING-ET	840003013844679						
SIEMERS HALOGEN HALLA-GIRL	840003126125890						
SIEMERS HALOGEN HALLINA	840003125519449						
SIEMERS HALOGEN HIL-BEE	840003126126377						
SIEMERS HALOGEN PERU	840003130920243						
SIEMERS HALOGEN REAL-ONE-ET	840003013844655						
SIEMERS HALOGEN ROZANNA	840003125519685						
SIEMERS HALOGEN SHEE-RAY	840003126125984						
SIEMERS HALOGEN TIGRE	840003126126328						
SIEMERS HAMPTON HOL 21582	840003123737871						
SIEMERS HAMPTON JIPSEE	840003013844464						
SIEMERS HARVIN 22647	840003125519540						
SIEMERS HEATER 22495	840003123738784						
SIEMERS HEATER HEIGHT	840003123738678						
SIEMERS HERO ANGEL-LEE	USA 71359580						
SIEMERS HERO BEDAZ-MAY-ET	USA 71359817						
SIEMERS HERO GLAM 17857	USA 71104917						
SIEMERS HERO HAZE-ET	USA 70785195						
SIEMERS HERO HOSTA	USA 71359873						
SIEMERS HERO HUNTER	USA 66088849						
SIEMERS HERO KIT 18345	USA 71359922					C	
SIEMERS HERO LASINA-AN	USA 71105008						
SIEMERS HERO SHES A DIVA-ET	USA 71104581						
SIEMERS HERO WHIP-IT-GOOD	840003011589251						
SIEMERS HEZTRY JUBILINA-ET	840003012170941						3
SIEMERS HILL 17886	USA 71104946						
SIEMERS HILL 17931	USA 71104991						
SIEMERS HILL 18220	USA 71359797						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS HILL HELGA 17703	USA 71104763						
SIEMERS HILL SIDNEY 17525	USA 71104585						
SIEMERS HILL TIGRE 17958	USA 71105018						
SIEMERS HILL ZIPPO 17795	USA 71104855						
SIEMERS HLGN APPLE-BRITE-ET	840003123738235						
SIEMERS HLGN APPLE-DREAM-ET	840003123738248						
SIEMERS HLGN APPLE-LOVE-ET	840003123738238						
SIEMERS HLGN APPLE-STAR-ET	840003123738215						
SIEMERS HLINER 21165	840003013844472						
SIEMERS HLINER ATLEE-RAE	840003013844453						
SIEMERS HLINER DORA	840003123738471						
SIEMERS HLINER MIRRORZ	840003123738168						
SIEMERS HLINER ROZ-ET	840003011589663						
SIEMERS HLINER ROZ-IS-IT-ET	840003011589683						
SIEMERS HLINER ROZ-THE-1-ET	840003011589692						
SIEMERS HOWE FOXY 12812	USA 66298040					C	
SIEMERS HUNGER DE-ANNIE	840003123738078						
SIEMERS HUNGER FOOLS-RED-ET	840003013844493						3
SIEMERS ICE BEDAZL-STAR	840003125519849						
SIEMERS ICE BOMBI	840003125519638						
SIEMERS INTEGRAL BRANDY-RED	840003130920254						
SIEMERS INTEGRAL ROZETTE	840003130920306					C	
SIEMERS INTEGRAL SHOWSTAR	840003131528429			C			
SIEMERS IOTA 19190	840003011130038						
SIEMERS IOTA COUNT-BABE-ET	USA 71104996						
SIEMERS IOTA COUNT-ON-ET	USA 70785171						
SIEMERS IOTA COUNTESS-ET	840003011130281						
SIEMERS IOTA DIANA 17204	USA 70784919					C	1
SIEMERS JABIR ARLEEN	840003013844786						
SIEMERS JABIR BEAUTIFY	840003123737890						
SIEMERS JABIR CENTURINA-ET	840003013010743						
SIEMERS JABIR DEANNA	840003013844746						
SIEMERS JABIR SUGAR	840003123738424						
SIEMERS JACEY 1EXCITING-ET	840003013844600						
SIEMERS JACEY 21624-TW	840003123737913						
SIEMERS JACEY 21625-TW	840003123737914						
SIEMERS JACEY 21656	840003123737945						
SIEMERS JACEY ATLE-BABY	840003123737842						
SIEMERS JACEY ATLEE-MAE	840003013844730						
SIEMERS JACEY BETSY	840003123737986						
SIEMERS JACEY BOMBI-ET	840003123738011						
SIEMERS JACEY BOMBIA-ET	840003123738024						
SIEMERS JACEY BOMBIANN-ET	840003123738042						
SIEMERS JACEY CENTURY-ET	840003013844613						
SIEMERS JACEY CONTESTA	840003123738025						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS JACEY DELICIOUS	840003123737996						
SIEMERS JACEY FAR 21826	840003123738115						
SIEMERS JACEY HIANLY-TW	840003123738335						
SIEMERS JACEY HIANLY2-TW	840003123738336						
SIEMERS JACEY JACHEIA-ET	840003013844553						
SIEMERS JACEY JACHEINA-ET	840003013844614						
SIEMERS JACEY JIPSEEN-ET	840003123738030						
SIEMERS JACEY JIPSEENA-ET	840003123738010						
SIEMERS JACEY REAL-NICE-ET	840003013844591						
SIEMERS JACEY ROZ-ET	840003013844647						
SIEMERS JACKMAN 21676	840003123737965			C			
SIEMERS JACKMAN 21696	840003123737985						
SIEMERS JACKMAN 21893	840003123738182			C			
SIEMERS JACKMAN 21995	840003123738284			C			
SIEMERS JACKMAN BOMBI-ET	840003013844311						
SIEMERS JACKMAN BOMBINA-ET	840003013010767						
SIEMERS JACKMAN ROZ-ET	840003013010759			C			
SIEMERS JACKMAN ROZ-STAR-ET	840003013010744			C			
SIEMERS JACKMAN SHANA-ET	840003013010738						
SIEMERS JACKMAN SHANG-ET	840003013010740						
SIEMERS JACKMAN SHANGRA-ET	840003013010762						
SIEMERS JACKMAN SHANGRIL-ET	840003013010746			C			
SIEMERS JACKMAN SHANGRY-ET	840003013010745			C			
SIEMERS JACKMAN SHANRILA-ET	840003013010734			C			
SIEMERS JEDI HANINE-ET	840003132663010					C	
SIEMERS JEDI HANKER-ET	840003132662937					C	
SIEMERS JEDI M-BOMBYA-ET	840003134506415						
SIEMERS JEDI MS HANKER-ET	840003132662989					C	
SIEMERS JEDI STARCHARM-ET	840003132663018					C	
SIEMERS JEDI STARDOM-ET	840003132663027					C	
SIEMERS JEDI STARDREAM-ET	840003132662973					C	
SIEMERS JEDI STARQUEEN-ET	840003132662999					C	
SIEMERS JEEVES 13009	USA 66734009						
SIEMERS JEEVES DAKOTA 12773	USA 66298001						
SIEMERS JEEVES DELANEY-ET	USA 66734033						
SIEMERS JEEVES ELEGANCE-ET	USA 68893861						
SIEMERS JEEVES ELEGANTLY-ET	USA 68893828						
SIEMERS JEEVES ENTICE-ET	USA 68893867						
SIEMERS JEEVES LAURA 12918	USA 66298146						
SIEMERS JETSET LIZ	840003123737864						
SIEMERS JETSET SIDNEY	840003013844734						
SIEMERS JETSET VIVAT	840003123737827						
SIEMERS JIVES KILA 17533	USA 71104593						
SIEMERS JIVES URSULA	USA 71104697						
SIEMERS JOSUPER DULCE	840003131528292						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS JOSUPER HIL-BEE	840003131528263						
SIEMERS JOSUPER JIPSEENA	840003130920215						
SIEMERS JOSUPER NICA	840003130920302						
SIEMERS JOSUPER ROZINA	840003130920185						
SIEMERS JOSUPER S-BOOMBA-ET	840003126126267						
SIEMERS JOSUPER SHE-ROCKS	840003130920409						
SIEMERS JOSUPER U-BLOOM-ET	840003126126320						
SIEMERS JSUPER S-BOOMBAY-ET	840003126126289						
SIEMERS KARTOON 22719	840003125519612						1
SIEMERS KARTOON 22988	840003125519881						
SIEMERS KARTOON HAZEL-ONE	840003125519821						
SIEMERS KARTOON JIPSEE	840003125519770						
SIEMERS KBOY U-BOMBERO-ET	840003126126233						
SIEMERS KIAN BELWO	840003126126046						
SIEMERS KIAN DIANA	840003126125901						1
SIEMERS KIAN FABULOUS	840003126126111						
SIEMERS KIAN HALLA-LUH	840003126126000						
SIEMERS KINGB BROOKE-12-ET	840003131528180						
SIEMERS KINGB BROOKE-K10-ET	840003131528161						
SIEMERS KINGB BROOKE-K11-ET	840003131528174						
SIEMERS KINGBOY 24985	840003132663019						
SIEMERS KINGBOY 24997	840003132663031						
SIEMERS KINGBOY BOMBEE	840003131528439						
SIEMERS KINGBOY BOMBI-ONE	840003132662536	C					
SIEMERS KINGBOY BRASS-ET	840003126125894						
SIEMERS KINGBOY BRASSY-ET	840003125519879						
SIEMERS KINGBOY BRONZE-ET	840003125519887						
SIEMERS KINGBOY BRONZER-ET	840003126125888						
SIEMERS KINGBOY BROOK-ET	840003125519771						
SIEMERS KINGBOY BROOKA-ET	840003125519802						
SIEMERS KINGBOY BROOKE-ET	840003125519590						
SIEMERS KINGBOY BROOKEIN-ET	840003125519816						
SIEMERS KINGBOY BROOKEY-ET	840003125519588						
SIEMERS KINGBOY CENTS	840003132662799						
SIEMERS KINGBOY DESIGNEE	840003132662793						
SIEMERS KINGBOY DONA-LYN	840003131528281						
SIEMERS KINGBOY FOOLS-RED	840003132662807						
SIEMERS KINGBOY G-ROZE-ET	840003126126037						
SIEMERS KINGBOY G-ROZET-ET	840003126126035		C				
SIEMERS KINGBOY GERTANN	840003131528247						
SIEMERS KINGBOY LARLIE	840003132662565						
SIEMERS KINGBOY PHAWN-ET	840003123738420						
SIEMERS KINGBOY PHAWNY-ET	840003123738429						
SIEMERS KINGBOY ROCKSTAR-ET	840003130920011		C				
SIEMERS KINGBOY ROZ-GIRL-ET	840003123738630						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS KINGBOY ROZ-LOVE-ET	840003123738717						
SIEMERS KINGBOY ROZANNE-ET	840003123738756						
SIEMERS KINGBOY ROZANNE1-ET	840003125519515						
SIEMERS KINGBOY ROZANNE2-ET	840003125519586						
SIEMERS KINGBOY ROZANNE3-ET	840003125519597						
SIEMERS KINGBOY ROZDREAM-ET	840003123738661						
SIEMERS KINGBOY ROZET-ET	840003126125988		C				
SIEMERS KINGBOY ROZETA-ET	840003126125998						
SIEMERS KINGBOY ROZREGAL-ET	840003123738687						
SIEMERS KINGBOY S-BOMBI-ET	840003126126078						
SIEMERS KINGBOY S-BOMBIA-ET	840003126126055						
SIEMERS KINGBOY SHANA	840003132662671						
SIEMERS KINGBOY SHANGRILA	840003131528200						
SIEMERS KINGBOY SHE-RAY	840003131528390						
SIEMERS KINGBOY T-HIA-GAL	840003132662961						
SIEMERS KINGBOY U-BABE-ET	840003126126238						
SIEMERS KINGBOY U-BLOOM-ET	840003126126250						
SIEMERS KINGBOY U-BOMBI-ET	840003126125947						
SIEMERS KINGBOY U-BOMBIE-ET	840003125519863						
SIEMERS KINGBOY U-BOOM-ET	840003126125977						
SIEMERS KINGBOY VANESSA-ET	840003123738460						
SIEMERS KINGBOYROZ-ET	840003123738503						
SIEMERS KINGBOYS-ROZINI-ET	840003125519804						
SIEMERS KINGBY BOMBIANNA-ET	840003126125987						
SIEMERS KINGBY BROOKE-K1-ET	840003126126042						
SIEMERS KINGBY BROOKE-K2-ET	840003126126044						
SIEMERS KINGBY BROOKE-K3-ET	840003126126058						
SIEMERS KINGBY BROOKE-K4-ET	840003126126029						
SIEMERS KINGBY BROOKE-K5-ET	840003126126067						
SIEMERS KINGBY BROOKE-K6-ET	840003126126074						
SIEMERS KINGBY BROOKE-K7-ET	840003126126105						
SIEMERS KINGBY BROOKEANN-ET	840003125519571						
SIEMERS KINGBY D-ROZMOON-ET	840003126126371						
SIEMERS KINGBY ROZAMANIA-ET	840003130920046		C				
SIEMERS KINGBY S-BOMBIAN-ET	840003126126050						
SIEMERS KINGBY S-BOMBINI-ET	840003126126062						
SIEMERS KINGBY U-BARBIE-ET	840003126126213						
SIEMERS KINGBY U-BOMBINA-ET	840003125519824						
SIEMERS KINGPIN BOMBIA	840003130920033						
SIEMERS KINGPIN BOMBY	840003126126269						
SIEMERS KINGPIN SHE-RAZE	840003126126188					C	
SIEMERS KNG REAL-PERFECT-ET	840003125519837						
SIEMERS KOOL 20735	840003013010557						
SIEMERS KOOL ASTA 18412	USA 71359989						
SIEMERS KOOL DEE	840003010660034						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS KRAMER JIPSE-ET	USA 70785047			C			
SIEMERS KRAMER JIPSEE-ET	USA 70785048			C			
SIEMERS KRAMER JIPSY-ET	USA 70785045						
SIEMERS KRUSADER 17528	USA 71104588	C					
SIEMERS KRUSADER MARI 17530	USA 71104590	C					
SIEMERS KYLE VIVATA 13184	USA 66734184						
SIEMERS LADD 19336-RED-TW	840003011130184						1
SIEMERS LADD 19337-RED-TW	840003011130185						
SIEMERS LADD BEDAZL-ET	USA 71359717						1
SIEMERS LADD BEDAZLING-ET	USA 71359715						1
SIEMERS LANCM REALBEAUTY-ET	840003123738009						
SIEMERS LANCOME 22592	840003125519485						
SIEMERS LANCOME AMIE	840003125519555						
SIEMERS LANCOME CELESTE	840003125519535						
SIEMERS LANCOME COUNTESSA	840003123738551						
SIEMERS LANCOME GILA	840003123738660						
SIEMERS LANCOME GLORY	840003123738781						
SIEMERS LANCOME GOLD 1	840003125519665						
SIEMERS LANCOME HOEKA	840003123738657						
SIEMERS LANCOME HONEY	840003125519652						
SIEMERS LANCOME T-HIA-MAY	840003123738495						
SIEMERS LANDSHARK HULA	840003126126241						
SIEMERS LARGE 18630	840003010660146						
SIEMERS LARGE 18662	840003010660178						
SIEMERS LARGE 18844	840003010660360						
SIEMERS LARGE BEAUTIFY-ET	840003010660059						
SIEMERS LARGE BEAUTIMUS-ET	840003011129873						
SIEMERS LARGE BEDAZ-RAE-ET	USA 71359815						
SIEMERS LARGE BEDAZ-ZLE-ET	USA 71359765						
SIEMERS LARGE BEDAZZLE-ET	USA 71359774						
SIEMERS LARGE DAZ 18183	USA 71359760						
SIEMERS LARGE DELISH 18314	USA 71359891						
SIEMERS LARGE GLOB 18394	USA 71359971						
SIEMERS LARGE HALLA-MAE-ET	840003010660409						
SIEMERS LARGE HALLA-RAE-ET	840003010660430						1
SIEMERS LARGE HANDLIN	840003010660140						
SIEMERS LARGE HOLI	840003010660331						
SIEMERS LARGE PRESS	840003010660197						
SIEMERS LARGE SISSY 18346	USA 71359923						
SIEMERS LARGE SUPER 18334	USA 71359911						
SIEMERS LATIMER 20244	840003012170692						1
SIEMERS LATIMER BOMBI-ET	840003011589458						
SIEMERS LATIMER BOMBIA-ET	840003011589572						1
SIEMERS LATIMER BOMBIE-ET	840003011589532						1
SIEMERS LATIMER BOMBY-ET	840003011589540						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS LATIMER ROZINA-ET	840003011589602						
SIEMERS LATIMER ROZZI-ET	840003011589589						1
SIEMERS LATROY 18150	USA 71359727						
SIEMERS LATROY PATTY	USA 71359734						
SIEMERS LAUDAN HASTA-ET	USA 61726545						
SIEMERS LAVAMAN SPICE	USA 71360035						
SIEMERS LAYNE BEDAZZLES-ET	USA 71359759						
SIEMERS LAYNE HI-ANNA	840003011129964						
SIEMERS LAYNE MIRRORZ-ET	USA 71359736						
SIEMERS LAYNE MONA-STAR	840003011130072						
SIEMERS LAYNE WAI 18679	840003010660195						
SIEMERS LEAF 23811	840003130920279						
SIEMERS LEAF 23846	840003130920314						
SIEMERS LEAF ARLEEN	840003130920296						
SIEMERS LEAF HOLLY-ANA	840003130920237						
SIEMERS LEXOR BOMBI-ET	840003011130114						
SIEMERS LEXOR BOMBINA-ET	840003012170590						
SIEMERS LEXOR EMOTION	840003012170704						
SIEMERS LGOLD 21730	840003123738019	C					
SIEMERS LGOLD 22533	840003125519426						
SIEMERS LGOLD ADELE-ET	840003013010687						
SIEMERS LGOLD ALYSIA	840003123738176						
SIEMERS LGOLD BEDAZLING	840003123738066						
SIEMERS LGOLD HAY-LEE	840003123738267						
SIEMERS LGOLD NEWLY	840003123738565						
SIEMERS LIGHT DELICIOUS-ET	USA 66297973						
SIEMERS LIGHT DYNASTY-ET	USA 66297986						
SIEMERS LIGHTNING ALANNA-ET	USA 66298209						
SIEMERS LIGHTNING DANTY-ET	USA 66297976						
SIEMERS LIGHTNING DINAH-ET	USA 66298153						
SIEMERS LINGO HAYDEN	840003013010398						
SIEMERS LINGO MERINA	840003013010406						
SIEMERS LINK-UP ATLEEONE	840003131528295			C			
SIEMERS LINK-UP BERTHA	840003131528314						
SIEMERS LINK-UP BOMBA-TW	840003132662754			C			
SIEMERS LINK-UP BOMBI-TW	840003132662755		C	C			
SIEMERS LINK-UP BOMBY	840003132662765						
SIEMERS LINK-UP DEDE	840003132662679						
SIEMERS LINK-UP HI-ANNA	840003131528340						
SIEMERS LINK-UP JIPSEE	840003134506410						
SIEMERS LINK-UP KASSIDY	840003131528257						
SIEMERS LINK-UP KAY	840003132662997			C			
SIEMERS LINK-UP KEOTA	840003132662809			C			
SIEMERS LINK-UP MAVI	840003132662772			C			
SIEMERS LINK-UP OGEE	840003134506407			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS LINK-UP SHE-RAY	840003132662947			C			
SIEMERS LINK-UP SHEE-RAY	840003132662960			C			
SIEMERS LIQUDGLD PETYSUN-ET	840003013010599						
SIEMERS LITHIUM CENTER-ET	840003011589279			C			
SIEMERS LITHIUM CENTS-ET	840003011589289			C			
SIEMERS LITHIUM CENTURIA-ET	840003011130283						
SIEMERS LITHIUM CONTESTA	840003011589519						
SIEMERS LITHIUM GENIUS	840003011589612						
SIEMERS LITHIUM GENTLE	840003011589473						
SIEMERS LITHIUM IVA	840003011589705						
SIEMERS LITHIUM REAL 19595	840003011589343						
SIEMERS LITTLETON 23764	840003130920232						
SIEMERS LITTLETON 23956	840003130920424						
SIEMERS LITTLETON 24046	840003131527992						
SIEMERS LITTLETON 24595	840003132662629						
SIEMERS LITTLETON BABS-TW	840003131528428						
SIEMERS LITTLETON BABY-TW	840003131528427						
SIEMERS LITTLETON CAR	840003132662618						
SIEMERS LITTLETON COUNTESSA	840003130920363						
SIEMERS LITTLETON GLORY	840003130920186						
SIEMERS LITTLETON HALLALUH	840003130920230						
SIEMERS LITTLETON KODAK-TW	840003131528153						
SIEMERS LOM GLORIANA	840003013844471						
SIEMERS LOTTOMAX MERRY-ET	840003125519798						
SIEMERS LTHM CENTERFOLD-ET	840003011589271			C			
SIEMERS LTHM CENTURINA-ET	840003011589287						
SIEMERS LTHORITY GLAMMER-ET	USA 70785188						
SIEMERS LTHRTY SHE-DA-1-ET	USA 70785069						
SIEMERS LTHRTY SHE-DREAM-ET	USA 70785056						1
SIEMERS LTHTY JIPSE-ANN-ET	USA 70785155						1
SIEMERS LTMX HALLALULU-ET	840003125519799						
SIEMERS LTMX S-ROZANNA-ET	840003125519664						
SIEMERS LTOMX HALLALUE-ET	840003125519826						1
SIEMERS LTOMX MARRYME-ET	840003125519844						
SIEMERS LTOMX MERRYMAY-ET	840003125519814						
SIEMERS LTOMX S-ROZ-AN-ET	840003125519630						
SIEMERS LTOMX S-ROZ-ANN-ET	840003125519663						
SIEMERS LTOMX S-ROZA-ET	840003125519655						
SIEMERS LTOMX S-ROZANNE-ET	840003125519654						
SIEMERS M-TROSS MERRYPOP-ET	840003126126103						
SIEMERS MAC DELISH 11165-ET	USA 64886623						
SIEMERS MAC GALINA	USA 66298097						
SIEMERS MAC HOLIDAY-ET	USA 64886537						
SIEMERS MACK BEDAZ-RAE	840003123738195						
SIEMERS MACK GENTLE	840003123738114						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MACK HAST-BELL	840003123738351						
SIEMERS MACK VALLER	840003123738098			C			
SIEMERS MAGIC APPLE-STAR-ET	840003123738427						
SIEMERS MAGNUS 18634	840003010660150						
SIEMERS MAGNUS 19204	840003011130052						
SIEMERS MAGNUS 20018	840003012170466						
SIEMERS MAGNUS ATLE-BABY	840003011589553						
SIEMERS MAGNUS ATLEE-KAY	840003011130043						
SIEMERS MAGNUS BEJEWEL	840003012170473						
SIEMERS MAGNUS HALLA	840003011589576						
SIEMERS MAGNUS HALLINA	840003011589457						1
SIEMERS MAGNUS KASSY	840003011589354			C			
SIEMERS MAGNUS SABRINA	840003011130078						3
SIEMERS MAGNUS ZIPPO	840003010660378						
SIEMERS MALONE AZALINA-RED	840003125519602						2
SIEMERS MALONE REBA-RED-ET	840003123738377						1
SIEMERS MALONE TAMAL-RED-ET	840003123738184						
SIEMERS MAN-O-MAN ELOISE-ET	USA 69253156						
SIEMERS MAN-O-MAN KIM	840003010660081						
SIEMERS MARDIGRAS GLAMS-RAY	840003130920325						
SIEMERS MARTY APPLE-STAR-ET	840003132662915						
SIEMERS MARTY DANA-GIRL	840003132662922						
SIEMERS MARTY H-APPLE-ET	840003132662938						
SIEMERS MARTY HANKER-ET	840003132662924						
SIEMERS MASCAL HALLA-GIRL	840003132662830						
SIEMERS MASCALESE BOMBI-ET	840003011589709						
SIEMERS MASCOL DINA 9671-ET	USA 62663955						
SIEMERS MAUI ANGEL-LA-ET	USA 71104944						
SIEMERS MAUI ANGEL-LIN-ET	USA 71104903						
SIEMERS MAUI BEAUTIFY-ET	USA 71359584						
SIEMERS MAUI SUNSHINE	USA 71359723						
SIEMERS MAYFIELD ANA	840003012170894						
SIEMERS MAYFIELD BEDAZLE-ET	USA 71359888						
SIEMERS MAYFIELD DANA-GIRL	840003011589270						
SIEMERS MAYFIELD DELICIOUS	840003013844606			C			
SIEMERS MAYFIELD DELIGHT	840003013844577			C			
SIEMERS MAYFIELD HALLA-ET	840003010660122			C			1
SIEMERS MAYFIELD HAYDINI	840003010660298			C			
SIEMERS MAYFIELD HIA-PELLA	840003011589728						
SIEMERS MAYFIELD HOLLYWOOD	840003013844450			C			
SIEMERS MAYFIELD OPIATE	840003012170785						
SIEMERS MAYFIELD SEPTA	840003011589524			C			
SIEMERS MAYFIELD SHE-RAY	840003011129934						
SIEMERS MAYFIELD URSA	840003013010686						
SIEMERS MAYFLD MARGARITA-ET	840003011130126						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MCCUTCH 20348	840003012170796						
SIEMERS MCCUTCH 20487	840003012170935						
SIEMERS MCCUTCH 20642	840003013010464						
SIEMERS MCCUTCH 20775	840003013010597						1
SIEMERS MCCUTCH 20892	840003013010714						
SIEMERS MCCUTCH 21095	840003013844402		C				
SIEMERS MCCUTCH 21574	840003123737863						
SIEMERS MCCUTCH 21602	840003123737891						
SIEMERS MCCUTCH 21845	840003123738134						
SIEMERS MCCUTCH 21977	840003123738266						
SIEMERS MCCUTCH 22115	840003123738404						
SIEMERS MCCUTCH AENYAGAL	840003013844689						
SIEMERS MCCUTCH ALANA	840003012170722						
SIEMERS MCCUTCH ANGEL-LEE	840003123737896						
SIEMERS MCCUTCH ARLEIGH	840003123738031						
SIEMERS MCCUTCH ASH-DELITE	840003012170654						
SIEMERS MCCUTCH ASH-PALA	840003123737980						
SIEMERS MCCUTCH ASHLEE	840003123737973						
SIEMERS MCCUTCH ASHLY	840003125519682						
SIEMERS MCCUTCH ATLE-INA	840003012170593						
SIEMERS MCCUTCH AVON	840003013844750			C			
SIEMERS MCCUTCH BEAUTY	840003013010378						
SIEMERS MCCUTCH BEDAZ-RAY	840003123738126						
SIEMERS MCCUTCH BEDAZL-GAL	840003123738171						
SIEMERS MCCUTCH BEDAZLADY	840003123738096						
SIEMERS MCCUTCH BEDAZLLIN	840003123738245						
SIEMERS MCCUTCH BOMBI-ET	840003012170695						
SIEMERS MCCUTCH BOMBI-LOVE	840003131528223						
SIEMERS MCCUTCH BOMBI-STAR	840003126126350						
SIEMERS MCCUTCH BOMBI-STARI	840003130920336						
SIEMERS MCCUTCH BOO	840003013844560						
SIEMERS MCCUTCH CENTER	840003126126110						
SIEMERS MCCUTCH CENTURIA	840003126125994						
SIEMERS MCCUTCH COUNTESS	840003013844678						
SIEMERS MCCUTCH COUNTESSA	840003012170866						
SIEMERS MCCUTCH COUNTON	840003013844329						
SIEMERS MCCUTCH DEBI	840003013010540						
SIEMERS MCCUTCH DEE	840003013010489						
SIEMERS MCCUTCH DIANNE	840003013844680					C	1
SIEMERS MCCUTCH EXCITED	840003131528262						
SIEMERS MCCUTCH FEAR-GIRL	840003123738276						
SIEMERS MCCUTCH FEARING	840003013844462						
SIEMERS MCCUTCH FEARTHE1	840003123737946						
SIEMERS MCCUTCH FROSTY-ET	840003011589428						
SIEMERS MCCUTCH FROSTYS-ET	840003011589468						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MCCUTCH GALAXYONE	840003011589671						
SIEMERS MCCUTCH GALINA	840003011589513						
SIEMERS MCCUTCH GARNET	840003011589742						
SIEMERS MCCUTCH GETAWAY	840003123737817						1
SIEMERS MCCUTCH GLAM-DREAM	840003013844739						1
SIEMERS MCCUTCH GLAM-STAR	840003013844735						
SIEMERS MCCUTCH GLAM-STARRY	840003123737917						1
SIEMERS MCCUTCH GLAMMINGUP	840003123737953						
SIEMERS MCCUTCH GLAMORIZE	840003123737964						
SIEMERS MCCUTCH GLAMS-GAL	840003013844521						
SIEMERS MCCUTCH GLITTER	840003013844752						1
SIEMERS MCCUTCH GLORIA-ET	840003012170516						
SIEMERS MCCUTCH GLORY-ET	840003012170561						1
SIEMERS MCCUTCH HALLALUH	840003011589465						1
SIEMERS MCCUTCH HALLINA	840003013844779						
SIEMERS MCCUTCH HALLOW	840003012170713						
SIEMERS MCCUTCH HAYA-CARA	840003013844623						
SIEMERS MCCUTCH HAYASGIRL	840003012170580						
SIEMERS MCCUTCH HAYDEN	840003012170917						
SIEMERS MCCUTCH HAZE-SKY	840003123737979						
SIEMERS MCCUTCH HAZEDREAM	840003123737915						
SIEMERS MCCUTCH HIA-DAISY	840003013844599						
SIEMERS MCCUTCH HIA-WOW	840003013010431						
SIEMERS MCCUTCH HIL-DAWG	840003123737962						
SIEMERS MCCUTCH HOLLY	840003012170848						
SIEMERS MCCUTCH HOLLY-ANA	840003013844773						
SIEMERS MCCUTCH HONOR	840003011589514						
SIEMERS MCCUTCH HOSTA	840003123738127						
SIEMERS MCCUTCH HULA	840003123737832						
SIEMERS MCCUTCH JIPSEE-ET	840003011589362						
SIEMERS MCCUTCH JIPSEE-GAL	840003013844559						
SIEMERS MCCUTCH JIPSEENA-ET	840003011589337						
SIEMERS MCCUTCH JIPSINA-ET	840003011589371						
SIEMERS MCCUTCH KARY	840003011589604						
SIEMERS MCCUTCH KEOTA	840003012170872						
SIEMERS MCCUTCH KI-ANNA-ET	840003011130193						
SIEMERS MCCUTCH KIANNA-ET	840003011130175						
SIEMERS MCCUTCH LASINA	840003123737824						
SIEMERS MCCUTCH MARGE	840003123738304						
SIEMERS MCCUTCH MARVEL	840003012170905						
SIEMERS MCCUTCH MIRAGE-STAR	840003125519486						
SIEMERS MCCUTCH MIRROR	840003123738432						
SIEMERS MCCUTCH PETUNIA-ET	840003011129966						
SIEMERS MCCUTCH REALGOOD-ET	840003011589594						
SIEMERS MCCUTCH RIDGE	840003012170916						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MCCUTCH ROZ-ET	840003011589711						
SIEMERS MCCUTCH ROZ-R2	840003130920220		C				
SIEMERS MCCUTCH ROZANNE	840003013010351						
SIEMERS MCCUTCH SABRINA	840003012170867						
SIEMERS MCCUTCH SANDY-KAY	840003123737893						
SIEMERS MCCUTCH SHAE	840003123738036						
SIEMERS MCCUTCH SHE-ROCKS	840003013844663					C	
SIEMERS MCCUTCH T-HIA-LYN	840003013844570		C				
SIEMERS MCCUTCH TAKI	840003013844509						
SIEMERS MCCUTCHEN KASSIDY	840003123738742						
SIEMERS MCTCH BOMBI-GAL-ET	840003012170718						
SIEMERS MCTCH BOMBI-STAR-ET	840003012170699						
SIEMERS MCTCHN BOMBI-MAE-ET	840003012170712						
SIEMERS MCUTCH REAL-GIRL-ET	840003011589688						
SIEMERS MCUTCH ROZ-QUEEN-ET	840003011589740						
SIEMERS MEGASIRE BOMBA	840003126126318						
SIEMERS MEGASIRE BOMBIA	840003130919995					C	
SIEMERS MEGASIRE HALLILUH	840003125519880						
SIEMERS MEGASIRE ROZ	840003130920263		C				
SIEMERS MEGASIRE ROZANNE-S	840003126126194						
SIEMERS MEGASIRE ROZZI	840003126126142						1
SIEMERS MERDN HALLA-GIRL-ET	840003011130203						
SIEMERS MERDN HALLA-GOOD-ET	840003011129890						1
SIEMERS MERDN HALLA-RITE-ET	840003010660453						
SIEMERS MERIDAN HALLAJOY-ET	840003011130161						1
SIEMERS MERIDIAN 19956	840003011589704						
SIEMERS MERIDIAN 20139	840003012170587						
SIEMERS MERIDIAN APPLE-ET	840003011129911						
SIEMERS MERIDIAN BOMB-EE-ET	840003011130219						
SIEMERS MERIDIAN BOMB-I-ET	840003011130195						
SIEMERS MERIDIAN BOMBEE-ET	840003011130213						
SIEMERS MERIDIAN BOMBI-ET	840003011130181						
SIEMERS MERIDIAN BOMBIA-ET	840003011130208						
SIEMERS MERIDIAN BOMBIE-ET	840003011130200						
SIEMERS MERIDIAN BOMBY-ET	840003011130202						
SIEMERS MERIDIAN HALLINA-ET	840003011129879						1
SIEMERS MERIDIAN HAZEL-SKY	840003012170856						
SIEMERS MERIDIAN KI-ANNA-ET	840003011129875						
SIEMERS MERIDIAN KIANN-ET	840003011129863						
SIEMERS MERIDIAN KIANNA-ET	840003011129859						
SIEMERS MERIDIAN KIRKLAND	840003012170625						
SIEMERS MERIDIAN KIRKLIE	840003013844519						
SIEMERS MERIDIAN KODAK	840003011589702						
SIEMERS MERIDIAN PETY-ET	840003011130187						
SIEMERS MERIDIN HALLAONE-ET	840003011130197						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MERIDN APPLE-GAL-ET	840003011129915						
SIEMERS MERIDN HALLA-GAL-ET	840003011130174						
SIEMERS MERIDN HALLAISIT-ET	840003011130217						1
SIEMERS METEOR 17036	USA 70784751		C	C			
SIEMERS METEOR AMIE 17042	USA 70784757						
SIEMERS METEOR KALLA 17150	USA 70784865						
SIEMERS METEOR PATTY 18044	USA 71359621						
SIEMERS MFLD ROZ-IS-IT-ET	USA 71360053			C			
SIEMERS MGL APPLE-TINI-ET	840003011130233						
SIEMERS MIKEN 22211	840003123738500						
SIEMERS MIKEN ANGEL-KAY	840003123738561						
SIEMERS MILION T-HIA-ANN-ET	USA 68667626						
SIEMERS MILL APPLE-GEM-ET	840003132662835						
SIEMERS MILL APPLE-STAR-ET	840003132662818						
SIEMERS MILL BOOTILIOUS-ET	USA 68667841		C				
SIEMERS MILL HANKER-BABE-ET	840003132662803						
SIEMERS MILL HANKER-DOLL-ET	840003132662823						
SIEMERS MILL HANKER-ET	840003132662802						
SIEMERS MILL HANKER-GAL-ET	840003132662846						
SIEMERS MILL HANKER-HOT-ET	840003132662817						
SIEMERS MILL HANKER-STAR-ET	840003132662852						
SIEMERS MILL HANKERDREAM-ET	840003132662826						
SIEMERS MILL HANKERGIRL-ET	840003132662837						
SIEMERS MILL STAR-DREAM-ET	840003132662847						
SIEMERS MILL STAR-ET	840003132662810						
SIEMERS MILL STAR-GAZER-ET	840003132662858						
SIEMERS MILL STAR-GEM-ET	840003132662834						
SIEMERS MILL T-HIA-LYN-ET	USA 68667954		C				
SIEMERS MILLENNIUM MARSHA	840003130920109						
SIEMERS MILLION BEJEWEL-ET	USA 68667840						
SIEMERS MILLION BEYONCE-ET	USA 68667818		C				
SIEMERS MILLION ELITE-ET	USA 66734357		C				
SIEMERS MILLION ESSENCE-ET	USA 66734325		C				
SIEMERS MIXER GENEA	840003010660031						
SIEMERS MIXER HERSHEY-TW	USA 71360009						
SIEMERS MIXER HOPIE	840003010660413						
SIEMERS MNTRSS REAL-SEAL-ET	840003123738205						
SIEMERS MNTRY APPLE-STAR-ET	840003131528393						
SIEMERS MNTRY APPLETINI-ET	840003131528433						
SIEMERS MOGL APPLE-DREAM-ET	840003011130006						
SIEMERS MOGL APPLE-QUEEN-ET	840003011130198						
SIEMERS MOGUL 19120	840003011129968						
SIEMERS MOGUL 19392	840003011130240						
SIEMERS MOGUL 19409	840003011130257						
SIEMERS MOGUL ALDINA 20939	840003013010761						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MOGUL APPLE-JOY-ET	840003011129980						
SIEMERS MOGUL APPLE-STAR-ET	840003011130010						
SIEMERS MOGUL ATLEE-MAE	840003011130348						
SIEMERS MOGUL ATLEE-STAR-ET	840003011129884						
SIEMERS MOGUL ATLEESONE	840003011589292						
SIEMERS MOGUL AVON	840003011589373						
SIEMERS MOGUL BEDAZ-GAL-ET	USA 71359783						
SIEMERS MOGUL BEDAZ-KAY	840003013010560						
SIEMERS MOGUL BEDAZLES-ET	USA 71359763						
SIEMERS MOGUL BLOOM	840003011589596						
SIEMERS MOGUL BROOKE-ET	840003131528399						
SIEMERS MOGUL CANDEE	840003011130021					C	
SIEMERS MOGUL CAR	840003012170827						
SIEMERS MOGUL DAY	840003011589515						
SIEMERS MOGUL DEBONAIR	840003013010562						
SIEMERS MOGUL DIANE	840003011130267						
SIEMERS MOGUL DINA	840003011130347						
SIEMERS MOGUL ELEGANT	840003010660464						
SIEMERS MOGUL EVA	840003013844469	C					
SIEMERS MOGUL EVE 20898	840003013010720	C					
SIEMERS MOGUL FABULOUS	840003013010811						
SIEMERS MOGUL GEE 19198	840003011130046						
SIEMERS MOGUL GENEA	840003013010579						
SIEMERS MOGUL GENNY	840003013844422						
SIEMERS MOGUL HALLA-ONE-ET	840003010660328						1
SIEMERS MOGUL HALLAGIRL-ET	840003010660516						
SIEMERS MOGUL HALLEE	840003011589275						
SIEMERS MOGUL HANNA-TIA	840003013010789						
SIEMERS MOGUL HAYDENI	840003012170552						
SIEMERS MOGUL HERSHEY	840003013010624						
SIEMERS MOGUL HOLLY-MAE	840003013844506						
SIEMERS MOGUL HOPE-STAR	840003010660388						
SIEMERS MOGUL JIPSEE	840003011130085						
SIEMERS MOGUL LAURA	840003011589344						
SIEMERS MOGUL LESI-ELLA	840003013844538						
SIEMERS MOGUL MONA-MAE	840003011589744					C	
SIEMERS MOGUL NICA	840003012170637						
SIEMERS MOGUL REAL-DREAM-ET	840003011130008						
SIEMERS MOGUL REAL-HOT-ET	840003010660491						
SIEMERS MOGUL ROZ-DREAM-ET	USA 71359839						
SIEMERS MOGUL SHE-RAY	840003013010602						
SIEMERS MOGUL TUDY 20798	840003013010620						
SIEMERS MONREAL 18856	840003010660372						
SIEMERS MONREAL 19304	840003011130152						
SIEMERS MONREAL SALSA	840003011129905						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MONTEGA JIPSEE	840003132663034						
SIEMERS MONTEREY 23566-ET	840003130920034		C				
SIEMERS MONTEREY 24083	840003131528029						
SIEMERS MONTEREY B-ROZ-ET	840003130920172		C				
SIEMERS MONTEREY B-ROZE-ET	840003130920195						
SIEMERS MONTEREY B-ROZS-ET	840003130920173						
SIEMERS MONTEREY BEDAZ-KAY	840003132662623						
SIEMERS MONTEREY BOMBI	840003132662842						
SIEMERS MONTEREY BROOKE-ET	840003126125993						
SIEMERS MONTEREY BROOKIE-ET	840003126125999						
SIEMERS MONTEREY CONNI	840003131528196						
SIEMERS MONTEREY ELEGANT	840003132662703						
SIEMERS MONTEREY GENEA	840003131528300						
SIEMERS MONTEREY GENNY	840003132662702						
SIEMERS MONTEREY HALLA-ONE	840003131528118						1
SIEMERS MONTEREY HANA-ET	840003131528143						
SIEMERS MONTEREY HANAN-ET	840003131528231						
SIEMERS MONTEREY HANANI-ET	840003131528202						
SIEMERS MONTEREY HANIKA-ET	840003131528424						
SIEMERS MONTEREY HANINA-ET	840003131528441						
SIEMERS MONTEREY HANKER-ET	840003131528402						
SIEMERS MONTEREY HANNA-ET	840003132662555						
SIEMERS MONTEREY HANNINA-ET	840003131528415						
SIEMERS MONTEREY JIPSEE-TW	840003130920272						
SIEMERS MONTEREY KASSY	840003131528273						
SIEMERS MONTEREY KIANNA	840003131528191						
SIEMERS MONTEREY MONALISA	840003132662575						1
SIEMERS MONTEREY PASSION-ET	840003132662774						
SIEMERS MONTEREY ROZ-ET	840003132662773						
SIEMERS MONTEREY STAR-ET	840003131528194						
SIEMERS MONTEREY STARZ-ET	840003131528395						
SIEMERS MONTEREY TANA-MARI	840003130920189						
SIEMERS MONTEREY U-BOOMY-ET	840003126126013						
SIEMERS MONTEREY VANESSA	840003131528347						
SIEMERS MONTERY G-ROZANE-ET	840003130920110		C				
SIEMERS MONTREY PARISIAN-ET	840003132662806						
SIEMERS MONTREY ROZ-DOLL-ET	840003132662790						
SIEMERS MONTROSS 23492	840003126126370						
SIEMERS MONTROSS 23559	840003130920027						1
SIEMERS MONTROSS CENTURY	840003126126297			C			
SIEMERS MONTROSS DEANNE	840003130920468						
SIEMERS MONTROSS DULCE-ET	840003123738209						
SIEMERS MONTROSS ELEGANT	840003130920015						
SIEMERS MONTROSS GENIUS	840003126126351						
SIEMERS MONTROSS HAYDEN	840003130920395						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS MONTROSS JACHEIA	840003130920013						
SIEMERS MONTROSS SHANGRILA	840003132662568						
SIEMERS MONTRY BROOKE-M1-ET	840003126126017						
SIEMERS MONTRY BROOKE-M2-ET	840003126126021						
SIEMERS MONTRY BROOKE-M3-ET	840003126126022						
SIEMERS MONTRY BROOKE-M4-ET	840003126126028						
SIEMERS MONTRY BROOKE-M5-ET	840003126126032						
SIEMERS MONTRY G-ROADWAY-ET	840003130920029						
SIEMERS MONTRY STARLITE-ET	840003131528432						
SIEMERS MOONBOY 19447	840003011130295			C			
SIEMERS MOONBOY BOO	840003011589334						
SIEMERS MOONBOY MAGGIE	840003011129989						
SIEMERS MOREGOLD HAYA-LOVE	840003123738131						
SIEMERS MORGAN BLOOM	840003011589695						
SIEMERS MORGAN SIENNA-TW	840003012170565						
SIEMERS MOSES BRANDY	840003123738305						
SIEMERS MOSES SADIE-RED	840003123738439						
SIEMERS MTRY M-ROZ-DREAM-ET	840003131528207						
SIEMERS MUSCADET ALYSA-KAY	840003131528438						
SIEMERS MUSCADET DOTY	840003132662874						
SIEMERS MUSCADET FARAWAY	840003132662812						
SIEMERS MUSCADET GLOB	840003132662634						
SIEMERS MUSCADET JIPSEE	840003132662875						
SIEMERS MUSCADET RIDGE	840003131528344						
SIEMERS NIFTY HOS 11997	USA 65492816						
SIEMERS NO-FOOLIN-RED-ET	840003013010699						3
SIEMERS NOBODYS-FOOL-RED-ET	840003013010657						
SIEMERS NOMINEE 22319	840003123738608						
SIEMERS NOMINEE 22337	840003123738626						
SIEMERS NOMINEE GLAMOURIN	840003123738312						
SIEMERS NOMINEE KISSY	840003123738518						
SIEMERS NOMINEE MAJE	840003123738258						
SIEMERS NOMINEE ZIPPO	840003123738433						
SIEMERS O-DAD BOMBI-ET	840003011130286		C				
SIEMERS O-STYLE 17514	USA 71104574						
SIEMERS O-STYLE GLASS 17245	USA 70784960						
SIEMERS O-STYLE ZIPPO 17344	USA 70785059						
SIEMERS OAK SHANGRILA-ET	840003013010501						
SIEMERS OBSERVER 16833	USA 70408430						
SIEMERS OBSERVER 17927	USA 71104987						
SIEMERS OBSERVER CONCERT-ET	USA 70115048						
SIEMERS OBSERVER DORA 18117	USA 71359694						
SIEMERS OBSERVER HAPPINESS	840003010660385					C	
SIEMERS OBSERVER HAYDEN	840003010660345						
SIEMERS OBSERVER MARTHA	USA 71104968					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS OBSERVER MONA	USA 71360036						
SIEMERS OBSRVR MARVEL 18264	USA 71359841					C	
SIEMERS OBVR ATLE-WHIZ-ET	USA 70408189						
SIEMERS OCTANE BROOKE-ET	840003130919979						
SIEMERS OCTANE HAZE	840003132662975						
SIEMERS OLYMPAN MS DULCE-ET	840003123738747						
SIEMERS OLYMPIAN 22579	840003125519472						
SIEMERS OLYMPIAN BOMBEE-ET	840003123738251						
SIEMERS OLYMPIAN BOMBI-ET	840003123738113						
SIEMERS OLYMPIAN CENTURY-ET	840003123738228						
SIEMERS OLYMPIAN DULCA-ET	840003123738704						
SIEMERS OLYMPIAN DULUSA-ET	840003123738757						
SIEMERS OLYMPIAN PHAWN-ET	840003123738264						
SIEMERS OLYMPN REALCOOL-ET	840003123738059						
SIEMERS OLYN APPLE-CHARM-ET	840003123738515						
SIEMERS OLYN APPLELINI-ET	840003123738633						
SIEMERS OMAN BOO 8615	USA 62376022			C			
SIEMERS OSMOND 17088	USA 70784803	C					
SIEMERS OSMOND 17318	USA 70785033						
SIEMERS OSMOND ANGELICA	USA 70785027						
SIEMERS OSMOND CARMA	USA 71359585						
SIEMERS OSMOND DEBONAIR-ET	USA 70784958						
SIEMERS OSMOND DEDRA-ET	USA 70784981						
SIEMERS OSMOND DELICATE-ET	USA 70784984						
SIEMERS OSMOND GISELLA	840003010660021						3
SIEMERS OSMOND JUBA-LEE	USA 71105058						
SIEMERS OSMOND SHE-DAISY-ET	USA 70785003						
SIEMERS OSMOND SHE-RAY-ET	USA 70784964						
SIEMERS OSMOND SHE-RAZE-ET	USA 70784959						
SIEMERS OSMOND SHE-ROCKS-ET	USA 70785008						
SIEMERS P-BALL D-ROZETTE-ET	840003130920037						
SIEMERS P-BALL ROZ-QUEEN-ET	840003126126080						
SIEMERS P-BALL S-ROZ-ANN-ET	840003126126087						
SIEMERS PALERMO 17032	USA 70784747						
SIEMERS PALERMO GENY 17096	USA 70784811						
SIEMERS PALERMO HAYDEN	USA 70784742						
SIEMERS PALRMO DELICATE-ET	USA 70784722	C					
SIEMERS PAPILLON HY 9012	USA 62663296						
SIEMERS PATRIOT 18685	840003010660201						
SIEMERS PATRONE 18747	840003010660263						
SIEMERS PEPPER REAL	840003132662792						
SIEMERS PETY 22352	840003123738641						
SIEMERS PETY 22562	840003125519455						
SIEMERS PETY 22640	840003125519533						
SIEMERS PETY 22651	840003125519544						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS PETY BOMBI-DREAM	840003131528006						
SIEMERS PETY BROOKE-ET	840003123738530						
SIEMERS PETY BROOKENESS-ET	840003123738533						
SIEMERS PETY BROOKIE-ET	840003123738540						
SIEMERS PETY DEBONAIR	840003125519441						
SIEMERS PETY FUN 22390	840003123738679						
SIEMERS PETY HALLASTAR	840003123738513						
SIEMERS PETY KASSIDY	840003125519403						
SIEMERS PETY PACK	840003125519622						
SIEMERS PETY ROZ-ANNA-ET	840003123738260						
SIEMERS PETY ROZ-ET	840003123738241						
SIEMERS PETY ROZ1-ET	840003123738288						
SIEMERS PETY ROZA-ET	840003123738244						
SIEMERS PETY ROZANNA	840003131528256						
SIEMERS PETY ROZANNE	840003131528210						
SIEMERS PETY ROZANNE	840003131528243						
SIEMERS PETY ROZINA	840003131528008		C				
SIEMERS PETY SABRINA	840003131528125						
SIEMERS PETY SARINA	840003123738451						
SIEMERS PETY SHANGRI	840003132662549						
SIEMERS PETY SHANGRIL	840003132662566						
SIEMERS PETY SPAR	840003125519549						
SIEMERS PIONEER SKY	840003010660211			C			
SIEMERS PLANET 13194	USA 66734194						
SIEMERS PLANET BLOOM 12837	USA 66298065						
SIEMERS PLANET ELEGANT-ET	USA 68667749						
SIEMERS PLANET ETERNITY-ET	USA 68667780						
SIEMERS PLANET HIL-BEE-ET	USA 66734131						
SIEMERS PLATINM GLORIOUS-ET	840003012170724			C		C	1
SIEMERS PLATINUM 20825	840003013010647			C			
SIEMERS PLATNUM GLORIANA-ET	840003012170736						
SIEMERS POTTER SUM 7941	USA 61726451						
SIEMERS PRDSTN ROZ-BRITE-ET	840003013010450						
SIEMERS PREDESTIN ATLEE-1	840003123738729						
SIEMERS PREDESTIN BOMBIA-ET	840003012170719						3
SIEMERS PREDESTIN DEANN-GAL	840003123738612						3
SIEMERS PREDESTIN HALLA-ONE	840003123738655						
SIEMERS PREDESTINE 22280	840003123738569						3
SIEMERS PREDESTINE 22410	840003123738699						
SIEMERS PREDESTINE APPLE	840003123738567						3
SIEMERS PREDESTINE BOMBI-ET	840003012170643						
SIEMERS PREDESTINE HIEN	840003123737988						
SIEMERS PREDESTN ROZANNA-ET	840003012170696						3
SIEMERS PREDSTIN BOMBINA-ET	840003012170679						3
SIEMERS PREDSTIN ROZ-INA-ET	840003013010461						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS PREDSTIN ROZANNA-ET	840003012170744						3
SIEMERS PREDSTN ROZ-BABE-ET	840003013010448						
SIEMERS PRENTICE 13745	USA 68667719						
SIEMERS PRENTICE HARRIET	USA 68667964						
SIEMERS PRENTICE KARI 13996	USA 68667970						
SIEMERS PRENTICE KARY 13869	USA 68667843						
SIEMERS PRESIDENT HAPPINESS	840003125519508						
SIEMERS PROCK JIPSEE-ET	840003013844384						
SIEMERS PROCK ROZ-ET	840003013844396						
SIEMERS PRONTO HALLEY-ET	USA 65960327						
SIEMERS PRONTO HARRIET-ET	USA 65960320						
SIEMERS PRONTO HELLIOUS-ET	USA 65960603						
SIEMERS PRONTO HILLARY-ET	USA 65960270						
SIEMERS PRONTO HOLLY-ET	USA 65960580					C	
SIEMERS PRONTO HONEY-ET	USA 65960614						
SIEMERS PRONTO HONOR-ET	USA 66297795						
SIEMERS PRONTO HORIZON-ET	USA 65960615						
SIEMERS PRONTO HYDEE-ET	USA 65492553						
SIEMERS PULSAR 23831	840003130920299						
SIEMERS PULSAR ARLEIGHA	840003131528381					C	
SIEMERS PULSAR ASH-LEYNA	840003130920353						
SIEMERS PULSAR ATLEE-KAY	840003132662617						
SIEMERS PULSAR BOMBI	840003126126357						
SIEMERS PULSAR DEE	840003130920152						
SIEMERS PULSAR HALLASTAR	840003126126312						
SIEMERS PULSAR HIL-ANN	840003130919974						
SIEMERS PUNCH 18708	840003010660224		C				
SIEMERS PUNCH ELLA	840003011589547						
SIEMERS PUNCH GLORY	840003011589603						
SIEMERS PUNCH HELLIOUS	840003011130278						3
SIEMERS PURE ATLEE-ANA	840003130920132						
SIEMERS PURE BACARDI	840003126126025						
SIEMERS PURE BEAUTIFY	840003126126275						
SIEMERS PURE DEANNA	840003130920111						
SIEMERS PURE HOLLYSTAR	840003126126338						
SIEMERS PURE KI-ANNA	840003126125906						
SIEMERS PURE MAGGIE	840003130920289						
SIEMERS PURE MOLLY	840003130920129						
SIEMERS PURE PERFECTO-ET	840003123738508						
SIEMERS PURE PHAWN-TW	840003126125930						
SIEMERS PURE PHAWNA-TW	840003126125931						
SIEMERS PURE REAL-PRETTY-ET	840003123738472						
SIEMERS PURE REALAMAZING-ET	840003123738766						
SIEMERS RAINY SUPRISE	USA 71500882						
SIEMERS RAMOS DELIGHT-ET	USA 64347375						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS RAMOS DIANE-ET	USA 63588302						
SIEMERS RAMOS FU 8153	USA 61726663						
SIEMERS RAMOS KIRKLAND 8436	USA 61726946						
SIEMERS RAMOS PREVUE 8721	USA 62376128						
SIEMERS RBURST APPLE-RED-ET	840003011130121						1
SIEMERS REFLECTOR BOMBINA	840003130920371						
SIEMERS REFLECTOR CENT	840003131528108						
SIEMERS REFLECTOR MOONTIDE	840003126126287						
SIEMERS REGNLD BALLERINA-ET	840003125519679						1
SIEMERS ROZINE TANAKA-TW	840003131528134					C	
SIEMERS ROZINE TANAKA2-TW	840003131528135					C	
SIEMERS RUBI ROZ-EMERALD-ET	840003132662624						
SIEMERS RUBI ROZ-ONYX-ET	840003132662689						
SIEMERS RUBI ROZSAPPHIRE-ET	840003132662639						
SIEMERS RUBICN D-ROZETTE-ET	840003131528132					C	
SIEMERS RUBICN M-ROZ-MIA-ET	840003131528165						
SIEMERS RUBICN ROZ-JEWEL-ET	840003132662540						
SIEMERS RUBICON 24382	840003131528328						
SIEMERS RUBICON BRANDI-ET	840003131528394						
SIEMERS RUBICON BRANDY-1-ET	840003131528385						
SIEMERS RUBICON BRANDY-ET	840003131528382						
SIEMERS RUBICON BRANNDY-ET	840003131528386						
SIEMERS RUBICON D-ROOZE-ET	840003132662771						
SIEMERS RUBICON D-ROSE-ET	840003132662733						
SIEMERS RUBICON D-ROSIE-ET	840003132662764						
SIEMERS RUBICON D-ROZ-ET	840003132662614						
SIEMERS RUBICON D-ROZA-ET	840003132662696						
SIEMERS RUBICON D-ROZE-ET	840003131528185						
SIEMERS RUBICON D-ROZEIT-ET	840003131528150						
SIEMERS RUBICON D-ROZET-ET	840003131528198						
SIEMERS RUBICON D-ROZINE-ET	840003132662744						
SIEMERS RUBICON D-ROZZA-ET	840003132662737						
SIEMERS RUBICON D-ROZZE-ET	840003131528213					C	
SIEMERS RUBICON D-ROZZET-ET	840003131528225						
SIEMERS RUBICON DEANNA	840003131528411						
SIEMERS RUBICON M-ROZ-A-ET	840003131528183						
SIEMERS RUBICON M-ROZ-B-ET	840003131528205						
SIEMERS RUBICON M-ROZ-C-ET	840003131528220		C				
SIEMERS RUBICON M-ROZ-D-ET	840003131528233						
SIEMERS RUBICON M-ROZ-E-ET	840003131528403		C				
SIEMERS RUBICON M-ROZ-ET	840003131528172						
SIEMERS RUBICON M-ROZ-F-ET	840003131528440						
SIEMERS RUBICON M-ROZ-G-ET	840003131528442						
SIEMERS RUBICON PARIS-ET	840003131528435						
SIEMERS RUBICON ROZ-ET	840003131528421						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS RUBICON ROZ-GEM-ET	840003131528436						
SIEMERS RUBICON ROZ-RUBY-ET	840003132662548						
SIEMERS RUBICON SHARROL	840003132663030						
SIEMERS S-S BOMBTASTIC-ET	840003011589366						
SIEMERS S-SHOT BROOKE-S7-ET	840003126126235						
SIEMERS S-SHOT BROOKE-S8-ET	840003126126260						
SIEMERS S-SHOT BROOKE-SS-ET	840003130920277						
SIEMERS S-SHOT BROOKES-ET	840003130920226						
SIEMERS S-SHOT BROOKES10-ET	840003126126279						
SIEMERS S-SHOT BROOKES11-ET	840003126126283						
SIEMERS S-SHOT BROOKES12-ET	840003126126291						
SIEMERS S-SHOT BROOKES13-ET	840003126126292						
SIEMERS S-SHOT BROOKES14-ET	840003126126307						
SIEMERS S-SHOT BROOKES15-ET	840003131528324						
SIEMERS S-SHOT G-ROSEZ-ET	840003126126182		C				
SIEMERS S-SHOT HANKER-ET	840003132662692						
SIEMERS S-SHOT HANNA-ET	840003132662652						
SIEMERS S-SIRE 21237	840003013844544						
SIEMERS S-SIRE 22033	840003123738322						
SIEMERS S-SIRE 22122	840003123738411						
SIEMERS S-SIRE 22350	840003123738639						
SIEMERS S-SIRE 22700	840003125519593						
SIEMERS S-SIRE A-QUEEN	840003013844451						
SIEMERS S-SIRE ANGEL-LA	840003123737898						
SIEMERS S-SIRE ANGEL-LEE	840003123737880						
SIEMERS S-SIRE APPLE-JOY	840003125519784						
SIEMERS S-SIRE BEDAZSTAR-TW	840003123738534						
SIEMERS S-SIRE BOMBI-ET	840003011589350						
SIEMERS S-SIRE BOMBIE-ET	840003011589374						
SIEMERS S-SIRE BOMBINESS-ET	840003011589340						
SIEMERS S-SIRE CENTURIA	840003126126243						
SIEMERS S-SIRE CORA	840003013010773						
SIEMERS S-SIRE DEANNA-ET	840003013010717						
SIEMERS S-SIRE GETAWAY	840003013844414						
SIEMERS S-SIRE GLOBAL	840003125519481						
SIEMERS S-SIRE HALLA-1	840003125519716						
SIEMERS S-SIRE HALLAGIRL	840003125519711						
SIEMERS S-SIRE HIANA	840003013844354						
SIEMERS S-SIRE HOLI	840003123738381						
SIEMERS S-SIRE JOLAN	840003123737929						
SIEMERS S-SIRE LADY	840003123738605						
SIEMERS S-SIRE LEE	840003123738746						
SIEMERS S-SIRE ROZ-ANNE-ET	840003011589729						
SIEMERS S-SIRE ROZANNE-ET	840003011589698						
SIEMERS S-SIRE SHE-RAY-ET	840003011589342						

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SIEMERS S-SIRE SHE-RAZE	840003011589348					C	
SIEMERS S-SIRE SHEE-RAY-ET	840003011589347						
SIEMERS S-SIRE SHERAY-ET	840003011589352						
SIEMERS S-SIRE SHEROCKS	840003011589714					C	
SIEMERS S-SIRE URSA	840003123738200						
SIEMERS SABASTIAN 8351-TW	USA 61726861						
SIEMERS SALT 24767	840003132662801						
SIEMERS SALT CONNIE	840003131528379	C					
SIEMERS SALT DANTY	840003132662690						
SIEMERS SALT HERSHEY	840003132662725						
SIEMERS SALT JOLAN	840003132662545						
SIEMERS SALT TAKA	840003132662544						
SIEMERS SAMMY BARA	840003013844631						
SIEMERS SANCHEZ HAPPYGAL-ET	USA 69854434						
SIEMERS SANCHEZ SALLY-ET	USA 66734173						
SIEMERS SARGEANT 19949	840003011589697						
SIEMERS SARGEANT 19955	840003011589703						
SIEMERS SHAMELESS 17198	USA 70784913						
SIEMERS SHAMELESS GLAMOUR	840003010660163						
SIEMERS SHAMROCK 17584	USA 71104644						
SIEMERS SHAMROCK DANA-GAL	840003011130049						
SIEMERS SHAMROCK DARCA-ET	USA 71104776					C	1
SIEMERS SHAMROCK DI-ANA-ET	USA 71104798						1
SIEMERS SHAMROCK DIA-ET	USA 71104761						
SIEMERS SHAMROCK DIANNE-ET	USA 71104767					C	1
SIEMERS SHAMROCK HAZEL-ONE	840003011130247						
SIEMERS SHAMROCK HOLIDAY	840003010660408						
SIEMERS SHAMROCK HOLLI-ET	USA 70785190						
SIEMERS SHAMROCK HONOR	840003011129898						
SIEMERS SHAMROCK JIN-ET	USA 70785013						
SIEMERS SHAMROCK JIP-SEE-ET	840003011130344						
SIEMERS SHAMROCK JIPSINA-ET	USA 71104864						
SIEMERS SHAMROCK MINDY	840003011129887						
SIEMERS SHAMROCK SABRINA	USA 71359845						3
SIEMERS SHAMROCK SARINA	840003010660237						
SIEMERS SHAN 20243	840003012170691			C			
SIEMERS SHAN 20869	840003013010691						
SIEMERS SHAN 21119	840003013844426						
SIEMERS SHAN 21700	840003123737989						
SIEMERS SHAN 21888	840003123738177						
SIEMERS SHAN AMIE	840003013844458						
SIEMERS SHAN BEDAZL-AN	840003013010469						
SIEMERS SHAN BOMBA-ET	840003011589745						
SIEMERS SHAN BOMBI-ET	840003012170450						
SIEMERS SHAN BOMBIANN-ET	840003012170493						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS SHAN BOMBIANNA-ET	840003012170467						
SIEMERS SHAN BOMBINA-ET	840003012170492						
SIEMERS SHAN BOMBISTA-ET	840003012170458						
SIEMERS SHAN CHANTEL	840003013844460						
SIEMERS SHAN DANA-GAL	840003013844582					C	
SIEMERS SHAN DANTY	840003012170943						
SIEMERS SHAN ELLUSIVE	840003123737948						
SIEMERS SHAN EXCLUSIVE	840003012170611						
SIEMERS SHAN GERTA-ET	840003012170823						
SIEMERS SHAN HOLLISTIC	840003012170748						
SIEMERS SHAN KAY	840003013844668						
SIEMERS SHAN MAY	840003013010509						
SIEMERS SHAN SALSA	840003013010571						
SIEMERS SHAN SHE-RAY-ET	840003012170588						
SIEMERS SHAN SHE-RAZE-ET	840003012170562						
SIEMERS SHAN SHE-RAZES-ET	840003012170574						
SIEMERS SHAN SIENA	840003013844363						
SIEMERS SHAN SULTRY	840003123737902	C					
SIEMERS SHAW 20097	840003012170545						
SIEMERS SHAW 20141	840003012170589						
SIEMERS SHIMONE 19952	840003011589700						
SIEMERS SHIMONE DALIA	840003012170482						
SIEMERS SHIMONE HOSTA	840003013844379						
SIEMERS SHIMONE SEPTINA	840003011589723						
SIEMERS SHMRCK ANGEL-LEA-ET	USA 70785181						
SIEMERS SHMRCK ANGEL-LEE-ET	USA 70785202						
SIEMERS SHMRCK ANGEL-LIA-ET	USA 70785213						
SIEMERS SHMRCK DIANA-LYN-ET	USA 71104802						1
SIEMERS SHMRCK HOLLY-ANN-ET	USA 70785200						
SIEMERS SHMRCK HOLLY-GAL-ET	USA 70785186						
SIEMERS SHMRCK HOLLYWOOD-ET	USA 70785183						
SIEMERS SHMRCK JIPSE-DOL-ET	USA 71359703						
SIEMERS SHMRCK JIPSE-SAY-ET	USA 71359707						
SIEMERS SHMRK HAZEDREAM-ET	USA 71104620						
SIEMERS SHMRK HAZELDIVA-ET	USA 71104589						
SIEMERS SHMRK HAZELDOLL-ET	USA 71104618						
SIEMERS SHMRK HOLLY-GAL-ET	USA 71104575						
SIEMERS SHMRK HOLLY-MAE-ET	USA 71104578						
SIEMERS SHOT HILACIOUS-ET	USA 66734336						
SIEMERS SHOTGLASS 21322	840003013844629	C					
SIEMERS SHOTGLASS KIM	840003012170690						
SIEMERS SHOTL HIABELLA-ET	USA 68667522						
SIEMERS SHOTTBOLT 17000	USA 70408597						
SIEMERS SHOTTBOLT CANDI	USA 70784789						
SIEMERS SHOTTBOLT NORA	USA 70784792						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS SHOTTBOLT TAL 17105	USA 70784820						
SIEMERS SHOTTLE DIA 9924-ET	USA 62664208					C	
SIEMERS SHOTTLE DINA-ET	USA 63588096						
SIEMERS SHOTTLE DY 9927-ET	USA 62664211						
SIEMERS SHOTTLE HARMONY-TW	USA 66298114						
SIEMERS SHOTTLE HI 10089-ET	USA 63587945						
SIEMERS SHOTTLE HIANNA-ET	USA 68667512						
SIEMERS SHOTTLE HONESTLY-ET	USA 66298071					C	
SIEMERS SHOTTLE HONESTY-TW	USA 66298113					C	
SIEMERS SHOTTLE HOPE-ET	USA 63587950					C	
SIEMERS SID AVAS DREAM-ET	USA 70408577						1
SIEMERS SID D-SCARLENE-ET	840003125519702						
SIEMERS SID DEB-SATIONAL-ET	840003131528355						
SIEMERS SID FRIENDLY-ET	840003126126372						3
SIEMERS SID FRINGE-ET	840003130920150						3
SIEMERS SID SCARLETT-ET	840003011130163						
SIEMERS SID WHIP 17669	USA 71104729						
SIEMERS SILVER B-ROZEEN-ET	840003130920208						
SIEMERS SILVER B-ROZEES-ET	840003130920222						
SIEMERS SILVER BOMBETTE-ET	840003130920182						
SIEMERS SILVER BROOK-S17-ET	840003130920212						
SIEMERS SILVER BROOK-SI1-ET	840003130920203						
SIEMERS SILVER BROOK-SI2-ET	840003130920221						
SIEMERS SILVER BROOK-SI3-ET	840003130920233						
SIEMERS SILVER BROOK-SI4-ET	840003130920235						
SIEMERS SILVER BROOK-SI5-ET	840003130920240						
SIEMERS SILVER BROOK-SI6-ET	840003130920262						
SIEMERS SILVER BROOK-SI7-ET	840003130920398						
SIEMERS SILVER BROOK-SI8-ET	840003130920400						
SIEMERS SILVER BROOK-SI9-ET	840003130920417						
SIEMERS SILVER BROOKE-ET	840003130920379						
SIEMERS SILVER D-ROZ-GAL-ET	840003130920375						
SIEMERS SILVER D-ROZE-ET	840003130920163						
SIEMERS SILVER D-ROZEEN-ET	840003130920223					C	
SIEMERS SILVER D-ROZEN-ET	840003130920209						
SIEMERS SILVER D-ROZETA-ET	840003130920199						
SIEMERS SILVER D-ROZETTE-ET	840003130920183					C	
SIEMERS SILVER D-ROZINA-ET	840003130920241						
SIEMERS SILVER D-ROZITA-ET	840003130920239						
SIEMERS SILVER D-ROZMAE-ET	840003130920194						
SIEMERS SILVER D-ROZZA-ET	840003130920214					C	
SIEMERS SILVER DULCE-ET	840003130920404						
SIEMERS SILVER DULCIA-ET	840003130920412						
SIEMERS SILVER ROZ-QUE-ET	840003131528047		C				
SIEMERS SILVER ROZ-QUEEN-ET	840003130920308		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS SILVER RZ-QUEEN-ET	840003131528102		C				
SIEMERS SILVER U-BOMMA-ET	840003131528031						
SIEMERS SILVR D-ROZ-BABE-ET	840003130920376						
SIEMERS SILVR D-ROZ-GIRL-ET	840003130920374						
SIEMERS SKYLINE 20701	840003013010523			C			
SIEMERS SKYLINE CANDI	840003013010494						
SIEMERS SKYMONT 22354	840003123738643						
SIEMERS SKYMONT DEANNE	840003123738528						
SIEMERS SKYMONT ROZ-ET	840003123738217						
SIEMERS SLATE 22424	840003123738713						
SIEMERS SLATE HANDLIN	840003123738714						
SIEMERS SLVR D-ROZ-CHICA-ET	840003130920408						
SIEMERS SLVR DULUCINA-ET	840003130920430						
SIEMERS SNMAN CENTURIA-ET	USA 70408181			C			
SIEMERS SNOW BOMBI-STAR-ET	840003011589593			C			
SIEMERS SNOW GLEE 20156-TW	840003012170604			C			
SIEMERS SNOW GLEE 20157-TW	840003012170605			C			
SIEMERS SNOW HOPIE	840003013010567			C			
SIEMERS SNOW MARRI-ANN-ET	840003011589654						
SIEMERS SNOW MARRI-ET	840003011589652						
SIEMERS SNOW MARRI-STAR-ET	840003011589659						
SIEMERS SNOW MARRITA-ET	840003011589638						
SIEMERS SNOW MARRITTA-ET	840003011589637			C			
SIEMERS SNOW MIERITTA	840003012170818						
SIEMERS SNOW ROZ-FAITH-ET	840003011589622			C			
SIEMERS SOCRATES HOLIDAY-ET	USA 66297792						
SIEMERS SOCRTS DELITE 12713	USA 66297941			C			
SIEMERS SPEAR DINAH 17844	USA 71104904					C	
SIEMERS SPEAR HIA-NALLA-ET	USA 68667694		C				
SIEMERS SPRING B-ROZ-ET	840003130920278						
SIEMERS SPRING B-ROZA-ET	840003130920295		C				
SIEMERS SPRING G-ROZET-ET	840003130920201						
SIEMERS SPRSHOT G-ROZETA-ET	840003126126004		C				
SIEMERS SPY 7728	USA 61726238						
SIEMERS SPY 7997	USA 61726507						
SIEMERS SSIRE ROZANNEMAE-ET	840003011589716						
SIEMERS SSIRE ROZANNERAE-ET	840003011589727						
SIEMERS STMTC ASHLYN-RAE-ET	840003010660318						
SIEMERS SUEDE GAY 8484	USA 61726994						
SIEMERS SUPER 17046	USA 70784761						
SIEMERS SUPER 17304	USA 70785019						
SIEMERS SUPER ASTRIDE 17327	USA 70785042						
SIEMERS SUPER GENNY 17355	USA 70785070						
SIEMERS SUPER RAGS 17239	USA 70784954						
SIEMERS SUPER URSA 17154	USA 70784869						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS SZ HIA-GAL-ET	USA 68667560						
SIEMERS SZ HIA-MAE-ET	USA 68667561						
SIEMERS TABLE 20702	840003013010524						
SIEMERS TANGO 21531	840003123737820						
SIEMERS TANGO 21816	840003123738105		C				
SIEMERS TANGO AVON 21313	840003013844620						
SIEMERS TANGO HIA-PELL-TW	840003123737997		C				
SIEMERS TANGO HIA-PELLA-TW	840003123737998		C				
SIEMERS TANGO HIL-BEE	840003013844634						
SIEMERS TANGO ROZ-DREAM-ET	840003013844666		C				
SIEMERS TANGO ROZ-ET	840003013844691		C				
SIEMERS TANGO ROZA-ET	840003013844693		C				
SIEMERS TANGO SAMI	840003123738071						
SIEMERS TATTLE-ET	USA 72332679						
SIEMERS TATUM 24263	840003131528209		C				
SIEMERS TATUM BOMBI-NESS	840003131528227						
SIEMERS TATUM CENTURINA	840003126126252						
SIEMERS TATUM MERRYMAE-ET	840003125519395		C				
SIEMERS TATUM REAL-EASY-ET	840003125519552						
SIEMERS TATUM REAL-GIRL	840003130920122						
SIEMERS TATUM REAL-HOT-ET	840003125519573		C				
SIEMERS TATUM SULTRY	840003130920329		C				1
SIEMERS TAYLOR CORA 8832	USA 62376239						
SIEMERS TAYLOR MAJE 7740	USA 61726250						
SIEMERS TCHR PHAWNOMENAL-ET	840003125519422		C				
SIEMERS TEACHER BOMBI-ET	840003123737937		C				
SIEMERS TEACHER BOMBINA-ET	840003123737951						
SIEMERS TEACHER FAYTHE	840003126126024		C				
SIEMERS TEACHER GIDGET	840003123738465						
SIEMERS TEACHER HALLA-PRIZE	840003123738425						1
SIEMERS TEACHER VANESSA-ET	840003123738224						
SIEMERS TEACHER ZIPPO	840003126126363		C				
SIEMERS TIME 17097	USA 70784812						
SIEMERS TIME HANNA-SUE	USA 71104909						
SIEMERS TIME SPAR 17026	USA 70784741						
SIEMERS TIME SUSIE 17082	USA 70784797						3
SIEMERS TOPGUN D-ROZ-ET	840003132662887						
SIEMERS TOPGUN D-ROZI-ET	840003132662873						
SIEMERS TOPGUN PHAWN-ET	840003132662987						
SIEMERS TOTAL-ET	USA 72332676						3
SIEMERS TOYS HAT 9695-ET	USA 62663979						
SIEMERS TOYS HOLLY 9696-ET	USA 62663980						
SIEMERS TRIGGER HALLA-ET	USA 70114797						
SIEMERS TRIGGER HALLAONE-ET	USA 70114782						1
SIEMERS UNIX 22632	840003125519525						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS UNIX 22969	840003125519862						
SIEMERS UNIX ATLEE-STAR	840003125519517						
SIEMERS UNIX GENY	840003125519532						
SIEMERS UNIX TRACY	840003125519587						
SIEMERS UNO 22364	840003123738653						
SIEMERS UNO 22626	840003125519519						
SIEMERS UNO BOMBI-ET	840003011589657						
SIEMERS UNO BOMBIA-ET	840003011589675						
SIEMERS UNO BOMBTASTIC-ET	840003012170833						
SIEMERS UNO DANTY	840003125519452						
SIEMERS UNO DELICATE	840003125519539	C					
SIEMERS UNO EVE	840003126125917						
SIEMERS UNO GERTANN-ET	840003013010468						
SIEMERS UNO GERTANNA-ET	840003013010465						
SIEMERS UNO HALLA-1-ET	840003011130007						1
SIEMERS UNO HALLA-DREAM-ET	840003010660091						
SIEMERS UNO HALLA-ET	840003010660108						1
SIEMERS UNO HALLA-LUH-ET	840003011589309						
SIEMERS UNO HALLA-PRIDE-ET	840003010660082						1
SIEMERS UNO HALLALUH-ET	840003010660099						1
SIEMERS UNO HALLASTAR-ET	840003010660094						1
SIEMERS UNO HALLILUH-ET	840003011589295						
SIEMERS UNO HALLINA-ET	840003011130025						1
SIEMERS UNO HONOR	840003125519794						
SIEMERS UNO HOSEE	840003125519477						
SIEMERS UNO HOST	840003125519420						
SIEMERS UNO REAL-PRETTY-ET	840003011130292						
SIEMERS UNO REAL-STAR-ET	840003011589629						
SIEMERS UNO SANDGIRL	840003123738685						
SIEMERS UNO SHE-RAZE-ET	840003012170813						
SIEMERS UNO TANA-LEE	840003125519451						
SIEMERS WATSON BLOOM 18170	USA 71359747					C	
SIEMERS WATSON HULY 18024	USA 71359601					C	
SIEMERS WICKHAM FINLEY	840003130920324						
SIEMERS WICKHAM GENTLE	840003130920231						
SIEMERS WICKHAM HALLA-MAE	840003131527949						
SIEMERS WICKHAM HAYDEN	840003131528066						
SIEMERS WICKHAM LOVE	840003131528127						
SIEMERS WINDBK ROZANNA-ET	USA 70784716						
SIEMERS WINDBK ROZANNE-ET	USA 70784739						
SIEMERS WINDBROOK FROSTY-ET	840003125519694						1
SIEMERS WINDBROOK HANNA-TIA	USA 70784945						1
SIEMERS WINDBROOK HIA-PELLA	USA 70785187						
SIEMERS WINDBROOK ROZINI-ET	USA 70408544						1
SIEMERS WOOD ADVANTAGE	840003123738394						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIEMERS WOOD GLAMSTAR	840003123738588						
SIEMERS WPOWER 22405	840003123738694	C					1
SIEMERS WPOWER BEDAZZLE	840003123738271						
SIEMERS WPOWER BOMBI-ET	840003013010522						
SIEMERS WPOWER BOMBI-ONE-ET	840003013010550	C					
SIEMERS WPOWER DI-ANA	840003123738054						1
SIEMERS WPOWER EXCITING-ET	840003013010638						1
SIEMERS WPOWER GLASS-TW	840003123738015	C					
SIEMERS WPOWER GLASSY-TW	840003123738016						1
SIEMERS WPOWER PETYGAL-ET	840003013010670						
SIEMERS WPOWER PETYSTAR-ET	840003013010672	C					1
SIEMERS WPOWER ROZ-BABY-ET	840003013010504						1
SIEMERS WPOWER ROZ-QUEST-ET	840003013010492	C					
SIEMERS WPOWER ROZINATE-ET	840003013010481						
SIEMERS WPWER BOMBI-GLAM-ET	840003013010499						
SIEMERS WPWER BOMBI-NESS-ET	840003013010502	C					1
SIEMERS XPLODE ATLE-ANNE-ET	USA 70114751						
SIEMERS YODER BOMBI	840003131527972						
SIEMERS YODER BOMBI-GAL	840003131528375						
SIEMERS YODER BOMBI-QUE	840003130920326						
SIEMERS YODER BOMBINA	840003131528245						
SIEMERS YODER DORA	840003132662622						
SIEMERS YODER HALLALUH	840003130920218						
SIEMERS YODER HAYAS-GAL	840003131528350						
SIEMERS YODER MARVEL	840003131528329						
SIEMERS YODER ROZ-QUEEN-ET	840003130919990						
SIEMERS ZAZU 17722	USA 71104782						
SIEMERS ZAZU 17723	USA 71104783						
SIEMERS ZAZU 17734	USA 71104794						
SIERRA-VIEW ALWAYS LEA-RED	840003011501918						1
SIERRA-VIEW DUSK LIL-RED	USA 141765611						3
SIETSKE	NLD 485292981						
SIGNATURE BRADY AUGUST-ET	840003132388841						
SIGNATURE GOLD CHIP AMANDA	USA 73624256						
SIGNATURE PRO ASPERGILLUS	840003006949004						
SILAGE-MAN CLARK TOOSHAY	USA 141828231		C				
SILAGE-MAN DUSK TILL-TWO	USA 141756398						
SILDAHL A FLAMING AIRROW	USA 139691630						
SILDAHL A FLYING AIRROW-ET	USA 71274768						
SILDAHL A GUITAR HERO-ET	USA 72300019						
SILDAHL A STRAIGHT AIRROW	USA 140805398						
SILDAHL A YODER SMEAGOL	840003132010268						
SILDAHL ADMIRE SHOTTLE-ET	USA 139974766					C	
SILDAHL ALEXA CRI-ET	USA 71451963						
SILDAHL ALPINE MOGUL	USA 71274807						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SILDAHL ANNUAL CHAMP-ET	USA 140682571						
SILDAHL ATTICUS AVID-ET	USA 140509443						1
SILDAHL ATTICUS AVIS-ET	USA 140503036						
SILDAHL AZTEC CLAY	USA 71274792						
SILDAHL B MINTY FRESH-ET	USA 73145084						
SILDAHL BALSTO MOUND9278-ET	840003012130547						
SILDAHL BAXTER ALBANY	USA 139314809						
SILDAHL BEAU MENICE	USA 71274772						
SILDAHL BOLIVER AVALON	USA 139186370						
SILDAHL BOMBERO ALCOVE-ET	USA 74106696						
SILDAHL BOMBERO ALKI-ET	USA 74106695						
SILDAHL BOMBS AHEAD-ET	USA 74106684						
SILDAHL BOMBS AHOY-ET	USA 74106685						
SILDAHL BOMBS AWAY-ET	USA 74106680						
SILDAHL BOOKMARK-TW	USA 74106692						
SILDAHL BOOKSMART-TW	USA 74106693						
SILDAHL BUCKEYE AIRY-ET	USA 138802035						
SILDAHL C MINTY FRESH-ET	USA 139453962						
SILDAHL CANCUN AUTOMAX	USA 73145097						
SILDAHL CHOP FOOEY	USA 74106704						
SILDAHL CLAYMAKER APPOINTED	USA 72300037						
SILDAHL COLBY MILKY WAY-ET	USA 139453971			C			
SILDAHL CRANK IT ALREADY	840003132010257						
SILDAHL CROWN OF AFFECTION	USA 71274766			C			
SILDAHL DESTRY ARCH	USA 140805419						1
SILDAHL DIEHARD APPRAISE-ET	USA 139974805						
SILDAHL DORCY AUTOMATIC	USA 72300034						
SILDAHL DORCY MERCY MISSION	USA 73145060						
SILDAHL DORCY MOJO	USA 73145055						
SILDAHL EMERALD MOUNDS	USA 71274769						
SILDAHL FUN MONDAY	USA 74106700						
SILDAHL GOLDWYN MADDIE-ET	USA 139818237						
SILDAHL GOLDWYN MAUI-ET	USA 137212969						
SILDAHL GOLDWYN MIRACLE-ET	USA 137212839						
SILDAHL GRAY AFTERNOON-ET	USA 140253575						
SILDAHL GRAY APPAREL-ET	USA 140253584						
SILDAHL GRAYS ANATOMY-ET	USA 140253605						
SILDAHL HOME MADE	840003132010272						
SILDAHL JACEY ALMANAC	USA 74106701						
SILDAHL JACEY MOUND 8598-ET	840003011001502						
SILDAHL JACEY MOUND 8599-ET	840003011001503						
SILDAHL JACEY MUSTARD	USA 73145080						
SILDAHL JC ATTACK AD	USA 74106686						
SILDAHL JC TROPHY	USA 74106688						
SILDAHL JEEVES MAUIS MARVEL	USA 140474934						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SILDAHL JETT AIR PLANE	USA 73145061						
SILDAHL JETT PILOT	USA 71274806						
SILDAHL JJ ABRAMS	840003132010250						
SILDAHL KINGBOY MAGGS-ET	USA 74106710						
SILDAHL KINGBOY MIGGS-ET	USA 74106711						
SILDAHL KINGBOY MINCIE-ET	USA 74106720						
SILDAHL KINGBOY MUGGS-ET	USA 74106712						
SILDAHL KINGBOY MUNCIE-ET	USA 74106721						
SILDAHL LOREN MUSTANG	USA 72300032						
SILDAHL M AIR APPARENT-TW	USA 137228010						
SILDAHL MANFRED AIR ATTACK	USA 127745181						
SILDAHL MANGO TANGO	USA 73145081						
SILDAHL MC ACADEMY AWARD	USA 74106709						
SILDAHL MIGHTY SPARK	840003132010253						
SILDAHL MILLION AIR-ET	USA 140147658		C				
SILDAHL MODERN MUSIC-ET	USA 18005796						
SILDAHL MOGAL MISCHIEF	USA 72300015						
SILDAHL MOGUL DYNASTY	USA 72300008						
SILDAHL MOGUL MATINEE	840003132010248						
SILDAHL MOLE HILL	USA 72300038						
SILDAHL MONEY HILL	USA 72300048						
SILDAHL MONT FUJI	840003132010240						
SILDAHL OBSERVE MACARONI	USA 73145075						
SILDAHL OBSERVER AMAZON	USA 71274794						
SILDAHL PLAN AGAIN	USA 71274804						
SILDAHL PLAN OF ACTION	USA 71274795						
SILDAHL PLAN OF ATTACK	USA 71274793						
SILDAHL PLANET MARS	USA 72300007						
SILDAHL PLANET O-BURNIE	USA 71274788			C			
SILDAHL RUDOLPH ALLPRO-ET	USA 18005792						
SILDAHL S SIRE TURBIN-ET	USA 72300025						
SILDAHL S SIRE TURBO-ET	USA 72300024						
SILDAHL SANCHEZ ADORE-ET	USA 140056570						
SILDAHL SANCHEZ ALLDAY-ET	USA 140056561						
SILDAHL SANCHEZ ALLURE-ET	USA 140056600						
SILDAHL SANCHEZ ANYDAY-ET	USA 140082812						
SILDAHL SHAM MOO	USA 71274802						
SILDAHL SPARK TIGGER	840003132010249						
SILDAHL SS ADVANCED	840003132010273						
SILDAHL SS ANNUAL APPEAL	USA 72300045						
SILDAHL WATSON MYSTERY	USA 73145082			C		C	
SILDAHL YODA	840003132010260						
SILDAHL-AM CAM FIASCO-ET	USA 71274782						
SILDAHL-AM CAM FIDGET-ET	USA 71274786						
SILDAHL-AM CAM FINALE-ET	USA 71274789						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SILDAHL-AM CAM FIONA-ET	USA 71274791						
SILDAHL-AM CAM FUSION-ET	USA 71274797						
SILDAHL-AM CAMERON FIAT-ET	USA 71274785						
SILDAHL-AM FAN-O-SHAN-ET	USA 73145086						
SILDAHL-AM FIESTA PRONTO	USA 139186428						
SILDAHL-AM GC FIGHTER-ET	USA 71274771						
SILDAHL-AM KING FIREFIGHTER	840003132010232						
SILDAHL-AM PRE FER	USA 73145057						3
SILDAHL-AM SHAN FANDANGO-ET	USA 73145078						
SILDAHL-AM SHAN FLAMINGO-ET	USA 73145079						
SILDAHL-AR JAS PUBLISHED-ET	USA 140933190						
SILDAHL-BA DADDIES KEYS	USA 72300027						
SILDAHL-BA FANCY PANTS-ET	USA 72300018						
SILDAHL-BA FASHION MOGUL-ET	USA 72300006					C	
SILDAHL-BA MACK KEYSTONE	USA 73145077						
SILDAHL-BA MILLION FROSTY	USA 140479368		C			C	
SILDAHL-BA RACER KEEFF	USA 74106717						
SILDAHL-EAGLE BW SPICEY-ET	USA 15806051						
SILDAJAK TRISTAN SASSY 3-RED	CAN 10933557						
SILENT-STAR MAC STACIA	USA 63791645						
SILENT-STAR MOM ALISON	USA 71601296						
SILENT-STAR SEVEN SINS	USA 73208332						
SILK-N-SASS ALXNDR RAIN-ET	USA 69063890						
SILK-N-SASS ALXNDR RAVEN-ET	USA 69063911						
SILLA-ET	DEU 348532821						1
SILLSDALE GOLDCHIP BRISTOL	USA 71114720						
SILMARILLION DEX CAMI	USA 64337936						
SILMARILLION KENDRA MAX-ET	USA 62289910						
SILRIC LOU KATHERINE	USA 64258185						
SILVALLEY PAULO-BRO D SOFIA	USA 72451789						
SILVAMOON CONNOR P2108	USA 69432135		C				
SILVER-B COLT ICEBREAKER-ET	USA 142860690					C	
SILVER-B COLT45 ICEMAKER-ET	USA 142860681					C	
SILVER-B FLOWER-ET	USA 143137744						3
SILVER-CREST GOLDW ELAINE	USA 52985389						3
SILVER-MARS GUTHRIE DELILAH	USA 71674610						
SILVER-SAGE 1747 SWEET	USA 141920241						
SILVER-SAGE 1806 DEPENDABLE	USA 142357798						
SILVER-SAGE 1811 PACIFIC	USA 142357846						
SILVER-SAGE 1861 MARCI	USA 142785579						
SILVER-SAGE 1887 RAINBOW	USA 142950133						
SILVER-SAGE 1908 JUGGERNAUT	USA 143166539						
SILVER-SHADE AFTER SHOCK	USA 72078733						
SILVER-SHADE BLACK GOLD-ET	USA 66996879						
SILVER-SHADE CANDACE-RED-TW	USA 72078692						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SILVER-SHADE CHELIOS MANDY	USA 72078735						
SILVER-SHADE COLT FIRE-RED	USA 72078699	C					
SILVER-SHADE CRYSTAL-RED-TW	USA 72078691	C					
SILVER-SHADE DOLO BEST	USA 73561568						
SILVER-SHADE DUFNER BANGLES	USA 73561597						
SILVER-SHADE FREEZE RAZELLE	USA 72078734						
SILVER-SHADE LOU BLOOM-ET	USA 64681831						
SILVER-SHADE MICHEALA-ET	USA 64681864						
SILVER-SHADE MICHELLE-ET	USA 64681865						
SILVER-SHADE REDBRST PLENTY	USA 73561565		C				3
SILVER-SHADE SHO BLOSSOM-ET	USA 64681869					C	
SILVER-SHADE SHOTIME-ET	USA 64681872					C	
SILVER-SHADE SPACE SHOT-ET	USA 64681861					C	
SILVER-SHEA DFNDR BETSIE-ET	840003124074446						1
SILVER-SHEA DFR BEST-YET-ET	840003124074442						1
SILVER-SHEA SANCHEZ ALYISSA	840003124074412						
SILVER-SHEA SENDER KATE	840003129356864					C	
SILVER-SHEA SENDER TIFFANIE	840003129356858						
SILVER-SPOKES DURHAM ANYTA	USA 136002224						
SILVER-SPOKES EPIC JEEBE	USA 72521521						
SILVER-SPOKES MGASRE ILA-TW	840003130321032						
SILVER-SPOKES MOGUL JALEE	USA 72521664						
SILVER-SPOON ATW ANNA-ET	840003128780833						
SILVER-SPOON BCN DAYELLE-ET	USA 70476598					C	
SILVER-SPOON D FLING-ET	USA 73536684						
SILVER-SPOON LICORICE-RED	USA 61834572						
SILVER-SPOON MOM FLURRY	USA 72548672						
SILVERHUGH BLPRNT BEACON-ET	840003130390736						1
SILVERHUGH BLUEPRNT BELL-ET	840003129356824						
SILVERHUGH BOMBERO BRE-ET	840003129356797						1
SILVERHUGH MAINEVT BLING-ET	840003129356826						
SILVERHUGH SUPRSHT BELLA-ET	840003130390726						1
SILVERHUGH SUPRSHT BONNY-ET	840003130390725						
SILVERHUGH YODER BEAUTY-ET	USA 74147120						1
SILVERHUGH YODER BETSY-ET	USA 74147123						1
SILVERHUGH YODER BUCKY-ET	840003124074500						1
SILVERMAPLE ALEXANDER CASSI-ET	CAN 11580920						
SILVERMAPLE BOLTON CAMEO	CAN 11012302						
SILVERMAPLE WINDBROOK CANDY-ET	CAN 11371828						
SILVERMAPLE WINDHAM CAMILLE-ET	CAN 11580934						
SILVERMINE ADV TALLY-RED-ET	USA 138294193						
SILVERMINE ADV TAMI-RED-ETS	USA 60047661						
SILVERMINE VRR TAWNY-RED-ET	USA 138294241						
SILVERRIDGE DRMAN ALL FRANTIC	CAN 11748353			C			
SILVERRIDGE SNOW LIZZY-ET	CAN 11150003			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SILVERRIDGE V MCCUT EXCITED-ET	CAN 11761821						
SILVERRIDGE V MOGUL EMOTIONAL	CAN 11638893						
SILVERRIDGE V MOGUL EVANNIE-ET	CAN 11638920						
SILVERRIDGE V MOGUL EVON-ET	CAN 11638915						
SILVERRIDGE V MUNITION ERLINA	CAN 11761825						
SILVERRIDGE V MUNITION EVAL-ET	CAN 108502565						
SILVERTHISLE G CHIP DAISY	USA 141765965						
SILVERVIEW-LANE A DANI-ET	USA 142820674						
SILVERVIEW-LANE GW ABREE-ET	USA 142820638						
SIMALOT CUPRICE	USA 143552271						
SIMPLE-DREAMS ALC JANINA-ET	840003133743148						
SIMPLE-DREAMS ALCO JILL-ET	840003131903590						
SIMPLE-DREAMS DELTA1280-ET	USA 74622834						
SIMPLE-DREAMS DLTA CASE-ET	USA 73351026						
SIMPLE-DREAMS DOMINGO CASEY	USA 74623011						
SIMPLE-DREAMS DRACO HALO-ET	USA 73351035						1
SIMPLE-DREAMS GDWN PATTY-ET	840003004050264						
SIMPLE-DREAMS HTRD 1855-ET	840003134647519						
SIMPLE-DREAMS HTRD 1859-ET	840003134647523						
SIMPLE-DREAMS HTRD 1862-ET	840003134647526						
SIMPLE-DREAMS HTRD 1866-ET	840003134647520	C					
SIMPLE-DREAMS JOSPR 1359-ET	USA 74622913						
SIMPLE-DREAMS JOSPR 5098-ET	840003131107191						
SIMPLE-DREAMS JOSPR 5101-ET	840003131107194						
SIMPLE-DREAMS JOSPR 5125-ET	840003131107218						
SIMPLE-DREAMS JS 293-ETS	USA 73351031						
SIMPLE-DREAMS JS 294-ETS	USA 73351032						
SIMPLE-DREAMS MCUT PENNY-ET	USA 73351017						
SIMPLE-DREAMS MD CANDI-ET	USA 73351030						
SIMPLE-DREAMS MD CINDY-ET	USA 73351033						
SIMPLE-DREAMS MD CLOE-ET	USA 73351029						
SIMPLE-DREAMS MD MILLIE-ET	USA 73351027						
SIMPLE-DREAMS MGL CHNCEL-ET	USA 70896030						1
SIMPLE-DREAMS MGL DRCHAN-ET	USA 70896031						1
SIMPLE-DREAMS OAK HAHA-ET	USA 73351015						
SIMPLE-DREAMS OAK HALO-ET	USA 70896039						
SIMPLE-DREAMS P1803-RED-ET	840003134647467						
SIMPLE-DREAMS PESO 978-ET	USA 71123608						
SIMPLE-DREAMS PFT 1889-ET	840003134647553						
SIMPLE-DREAMS PFT 2331-ET	840003132003046						
SIMPLE-DREAMS PFT 2335-ET	840003132003055						
SIMPLE-DREAMS PFT 2343-ET	840003132003063						
SIMPLE-DREAMS PLAID PEPSI	840003006158795						
SIMPLE-DREAMS PURE SASSY-ET	USA 74622990						
SIMPLE-DREAMS RBST PENNY-ET	USA 69737516						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIMPLE-DREAMS RCR MARIE-ET	USA 73351024					C	
SIMPLE-DREAMS ROBST CASH-ET	USA 69737513						
SIMPLE-DREAMS ROBU PENNY-ET	USA 70933178						
SIMPLE-DREAMS ROBUST PAM-ET	USA 70963302						
SIMPLE-DREAMS ROBUST PRO-ET	USA 70963306						
SIMPLE-DREAMS RUB 1866-ET	840003134647530		C				
SIMPLE-DREAMS RUB 1873-ET	840003134647537						
SIMPLE-DREAMS RUB 2350-ET	840003132003070						
SIMPLE-DREAMS RUB SISY-ET	840003131903407						
SIMPLE-DREAMS RUBI CLAIR-ET	840003131903478						
SIMPLE-DREAMS RUBICON CLAIR	840003133743150						
SIMPLE-DREAMS SD 1707-ET	840003131903553						
SIMPLE-DREAMS SD 1708-ET	840003131903554						
SIMPLE-DREAMS SHMRK PESO-ET	USA 70917066						
SIMPLE-DREAMS SLVR CASS-ET	USA 74623018						
SIMPLE-DREAMS SLVR HALLOO	840003131068313						
SIMPLE-DREAMS SMCK HAILEY	840003014142329						
SIMPLE-DREAMS SPRK JELLO-ET	840003131903619						
SIMPLE-DREAMS YODER 5147-ET	840003131107240						
SIMPLE-DREAMS YODER JEALA	840003129134656						
SINGBROOK ALTABAXTER MOOLA	USA 65978795						
SINGBROOK COLT P MAXINE-RED	USA 72736241						
SINGBROOK GABOR NADINE-ET	840003129172397		C				
SINGBROOK GABOR NUTS-ET	840003129172383						
SINGBROOK KINGBOY ELSA-ET	840003131198284						
SINGBROOK MCCUTCHEN KACY	840003126482502						
SINGBROOK MCCUTCHEN WINDY	USA 73349341						
SINGBROOK OLYMPIAN BELINDA	840003131198268						
SINGBROOK OLYMPIAN DACIA	840003131198271						
SINGBROOK SSIRE MARILYN-ET	840003131198282						
SINGBROOK SUPERSIRE EVE	USA 73349313						
SINGBROOK SUPERSIRE MACEY	840003131198275						
SINGBROOK SUPERSIRE NEMO	840003131198250						
SIPKA ALLEGRO SARINA	USA 139972849						
SIPKA ATWOOD HOPE-ET	USA 69781092						
SIPKA ATWOOD SHANTEL-ET	USA 72197318						
SIPKA ATWOOD STEVIE-ET	840003013723854						
SIPKA ATWOOD SYBIL-ET	USA 71717611						
SIPKA CINDEE-ET	USA 139307355						
SIPKA DESTRY LINDSEY-ET	USA 71926696						
SIPKA DESTRY SOFI-ET	USA 71926712						
SIPKA DUNDEE SAIGE-ET	USA 69781106						
SIPKA DUNDEE SYDNEY-ET	USA 63349451						
SIPKA DURHAM SAFRON	USA 137611236						
SIPKA GOLDWYN SUZANNE-ET	USA 69781065						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SIPKA JIVES AVRIL-ET	USA 69781070						
SIPKA MASON PASSION	USA 138689919						
SIPKA PG A SPOOL 10061-ET	USA 65911748						
SIPKA PG ATWOOD WIMPY-ET	USA 69781055						
SIPKA PG BRAXTON SLIPPER-ET	USA 69781056						
SIPKA SID AMY-ET	USA 72453200						
SIPKA TDA SOPHIA-ET	USA 135994272						
SISYN TNGO 255 238F-ET	840003013064475						
SISYN TPRK 255 224F-ET	840003013064461						
SISYN TPRK 255 225F-ET	840003013064462						
SISYN TPRK 255 233F-ET	840003013064470						
SIX-ILLINI ATWOOD AZZIE-ET	USA 140840627						
SIX-ILLINI GOLDWYN ANNIE-ET	USA 140840636						
SIXCORNER BAXTER EILEEN-ET	USA 66995031						
SIXCORNER BAXTER ELAINE-ET	USA 66995025						
SIXCORNER BAXTER ELLEN-ET	USA 66995024						
SIXCORNER DAREL DASHA	USA 64871190						1
SIXCORNER EXPLODE X-RATED	USA 72294695						
SIXCORNER LNG DANIKA-RED-ET	USA 73541429		C				
SIXCORNER LONG DAKOTA-ET	USA 73541433		C				
SIXCORNER LONG DANETTE-ET	USA 73541428						
SIXCORNER LONG DARCY-ET	USA 73541430						
SIXCORNER LONG DAWN-ET	USA 73541432						
SIXCORNER ROYAL CALISTA-ET	USA 74463176						
SIXCORNER ROYAL CAMEO-ET	USA 70538061						
SIXCORNER ROYAL RADAR-ET	USA 65836536						
SIXCORNER ROYAL RAPTURE-ET	USA 66402056						1
SIXCORNER ROYAL RAVEN-ET	USA 64871176						1
SIXCORNER ROYAL ROMANCE-ET	USA 63631187						
SIXCORNER RYL RASMUS-RED-ET	USA 69783321						1
SIXCORNER SS ROXY-ET	USA 63407806						1
SJ-REED ATWOOD SYMPHONY	USA 142275885						
SJ-REED CAMDEN BEAR-RED	USA 142167836						
SJ-REED DADDY LILA	USA 142550539						
SJ-REED DEBONAIR BAROQUE	USA 142275906						
SJ-REED GOLD CHIP ANACONDA	USA 142521007						
SJ-REED HERO KAREN	USA 142275951	C					
SJ-REED LB TIGER LILLY-RED	USA 139515675						
SJ-VIEW DAWN LEWIS	USA 66935016						
SJ-VIEW TYREL CONEY	USA 61886404						
SKAGVALE F GAY FURY-ET	USA 132640343						
SKAGVALE GIBSON ELIEGAY2-ET	USA 138265175						
SKAGVALE LEE ELIE MAY-ET	USA 141375836	C					
SKAGVALE OF LEGEND 12711-ET	USA 65566269						
SKALSUMER PIETJE 736	NLD 420878290			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SKALSUMER PIETJE 757	NLD 442479286						
SKALSUMER PIETJE 857	NLD 534082912			C			
SKALSUMER PIETJE 911	NLD 754184746						1
SKEET-BOT-SR PETRONE 670	USA 72357686						
SKEET-BOTTOM ARMITAGE 703	USA 73214945						
SKEET-BOTTOM MASSEY 698-TW	USA 72357714						
SKEET-BOTTOM MASSEY 699-TW	USA 72357715						
SKEET-BOTTOM MASSEY 701	USA 73214943						
SKEET-BOTTOM MCCUTCHEN 677	USA 72357693						
SKEET-BOTTOM MCCUTCHEN 685	USA 72357701						
SKEET-BOTTOM O-STYLE 686	USA 72357702			C			
SKEET-BOTTOM STACKED 697	USA 72357713						
SKEET-BOTTOM SUPERSIRE 678	USA 72357694						
SKIP ABSOLUTE PHENOM-ET	840003130393999						
SKIP RB PHANTASY-RED-ET	840003130393997		C				1
SKIP RB PIP-ET	840003130393996						1
SKY-BARK-BAY AMN GARNET-RED	USA 72381618					C	
SKY-BARK-BAY B JANUARY 814	USA 73909781						
SKY-BARK-BAY BA ELISA-ET	USA 73909784						
SKY-BARK-BAY ELAINE 815-ET	USA 73909782						
SKY-BARK-BAY ELLANIA 822-ET	840003130384844						
SKY-BARK-BAY ELSIE 821	840003130384843						
SKY-BARK-BAY ENTAIL ROSE	840003130384855						
SKY-BARK-BAY EVELYN 816-ET	USA 73909783						
SKY-BARK-BAY GAL AILI-ET	USA 72381604						
SKY-BARK-BAY GAL EVA-ET	USA 72381603						
SKY-BARK-BAY GILESPY ELAINE	USA 72381617						
SKY-BARK-BAY JANUARY 733	USA 70233468						
SKY-BARK-BAY LEAF TR 818-ET	USA 73909785						
SKY-BARK-BAY LEF MRY 819-ET	USA 73909786						
SKY-BARK-BAY MONTROS NORWIS	840003130384857						
SKY-BARK-BAY SHAN EILEEN-ET	USA 72381609						
SKY-BARK-BAY SHAN ELLA-ET	USA 72381607						
SKY-BARK-BAY SHAN ESTHER-ET	USA 72381611						
SKY-BARK-BAY SHOTT ONYX 714	USA 68857096	C				C	
SKY-BARK-BAY SPRING 826-ET	840003130384848						
SKY-BARK-BAY SPRING 827-ET	840003130384849						
SKY-BARK-BAY SPRING 828-ET	840003130384850						
SKY-BARK-BAY SPRING 829-ET	840003130384851						
SKY-BARK-BAY SPRING 830-ET	840003130384852						
SKY-BARK-BAY SUPER M-824-ET	840003130384846						
SKY-BARK-BAY XPLODE ROSEBUD	USA 71309173						
SKY-HOME ADVENT SHAUNA	USA 140965607						
SKY-REACH ABSOLU ASHLEY-RED	USA 70167582						
SKY-REACH AMMON DAISY-ET	USA 70167609						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SKY-REACH AMMON DEBBIE-ET	USA 70167608						
SKY-REACH ATWOOD ELIZA-ET	USA 73863141						
SKY-REACH ATWOOD ELLIE-ET	USA 73863140						
SKY-REACH ATWOOD EMMA-ET	USA 73863139						
SKY-REACH CASSINO BAILEY-ET	USA 64498758		C				
SKY-REACH ECOYNE BRYNLEY	USA 70167619						
SKY-REACH ECOYNE DANITA	USA 70167613						
SKY-REACH ENCINO BREE-ET	USA 64498686						
SKY-REACH HDL DELICATE-ET	USA 70167652						
SKY-REACH HDL DELILAH-ET	USA 70167651						
SKY-REACH HEADLINER DEMI-ET	USA 70167642						
SKY-REACH HEADLINER DEZI-ET	USA 70167641						
SKY-REACH HLR DISHA-ET	USA 70167655						
SKY-REACH JET EQLIPSE-ET	USA 64498730						
SKY-REACH PRENTICE BELINA	USA 64498753		C				
SKY-REACH SUPER BABE-ET	USA 64498763						
SKY-REACH SUPER BRETA-ET	USA 64498764		C				
SKY-REACH TIME EXPLODE	USA 70824613						
SKY-REACH WAIKII	USA 70167632						
SKYE-VUE ROBUST 194	USA 70400624						
SKYE-VUE SMOKINJO 1260	USA 71707684						
SKYHART LINJET FANCYTHAT-ET	USA 141169013						
SKYKOMISH GOLDWN BLOSSOM-ET	USA 143527930						
SKYKOMISH GOLDWYN BAMBI-ET	USA 143527949						1
SKYKOMISH GOLDWYN BRYNN-ET	USA 143527903						
SKYKOMISH KINGBOY ADDY	USA 143441274						
SKYKOMISH LOTTO BONNIE-ET	USA 143439444						
SKYKOMISH LOTTOMAX BETTY-ET	USA 143439435						
SKYKOMISH M BUTTERCUP-ET	USA 142851809						
SKYKOMISH MD BEAUTY-ET	USA 142362875						
SKYKOMISH MERIDIAN BELLE-ET	USA 142362866					C	
SKYKOMISH SHM BELINDA-ET	USA 142338629						
SKYKOMISH SILVER BETH-ET	USA 143527912						
SKYKOMISH SILVER BLAZE-ET	USA 143527921						
SKYKOMISH SILVER BRITNEY-ET	USA 143527958						
SKYLINE TITAN MIA	USA 68711965						
SKYREACH N O SANTA MARIE-ET	CAN 107466970						
SL-ACRES REDLOU FIREFLY-RED	USA 141807740	C					
SLATE-HILL ALGHEMY JENNA-ET	USA 71947428						
SLATE-HILL DIGGER MANDY-ET	USA 69172869						
SLATE-HILL GIFIAN ELLIE	USA 71947448						
SLATE-HILL HALOGEN BECCA	USA 71947446						
SLATE-HILL LBP ROYAL-RED-ET	USA 63667209						
SLATE-HILL MAYFIELD MINDY	USA 71947449						
SLATE-HILL MOGUL ELITE	USA 71947432						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLATE-HILL MOGUL MISTY-ET	USA 71947430						
SLEEPY-HOLLOW SHOT LADY-ET	USA 69515659					C	
SLEEPY-HOLLOW SUP LILLY-ET	USA 64104839						
SLG GALAXY EMILEE-ET	CAN 11837829			C			
SLICK-GATOR CAROL	840003007527276						
SLICK-GATOR KELLIE	USA 142927997						
SLICK-GATOR LOUISE-TW	840003010504531			C			
SLICK-GATOR MARTHA-RED	USA 142928028						
SLICK-GATOR RAMONA	840003007527272						
SLICK-GATOR TESSLYN	USA 142928000			C			
SLICK-GATOR THELMA-TW	840003010504527			C			
SLICK-GATOR ZOE	840003007527216		C	C			
SLICKHILL DRECTOR SNOWY-RED	USA 140339307						
SLIVERRIDGE V MCCUT ENTR-TW-ET	CAN 107931142						
SLO-TRAIN ABERLIN 3447	USA 141584205						
SLO-TRAIN AIRNET 292	USA 142041583						
SLO-TRAIN AIRNET 8563	USA 141993467						
SLO-TRAIN AIRNET 8586	USA 142041592						
SLO-TRAIN AIRNET 8589-ET	USA 142051601						
SLO-TRAIN ALRIGHT 9282-ET	USA 143192040						
SLO-TRAIN ALRIGHT 9329	USA 143256737						
SLO-TRAIN AMIGO 9009	USA 142749191						
SLO-TRAIN AMMON 8547	USA 141968564						
SLO-TRAIN ARMITAGE 207	USA 143248116						
SLO-TRAIN ARMITAGE 8473	USA 142780172						
SLO-TRAIN ARMITAGE 8474	USA 141803522						
SLO-TRAIN ARMITAGE 9320	USA 143248134		C				
SLO-TRAIN AURUM 8641	USA 142133103						
SLO-TRAIN BALDWIN 350	USA 142194290						
SLO-TRAIN BALISTO 3585	USA 142929122						
SLO-TRAIN BALISTO 9122	USA 142960505	C					
SLO-TRAIN BALISTO 9126	USA 142969719						
SLO-TRAIN BANG 8601	USA 142077937			C			
SLO-TRAIN BEACON 8258	USA 141381268					C	
SLO-TRAIN BELUGA 9118	USA 142954397			C			
SLO-TRAIN BELUGA 9170	USA 143027896			C			
SLO-TRAIN BOKEM 8292	USA 141436397						
SLO-TRAIN BOLIVER 7492	USA 139699768						
SLO-TRAIN BOLO 3461	USA 141708537						
SLO-TRAIN BOOKEM 284	USA 141474058						
SLO-TRAIN BOOKEM 3445	USA 141508397						
SLO-TRAIN BOOKEM 8396	USA 141634281						
SLO-TRAIN BOOKEM 8506	USA 141902418						
SLO-TRAIN BOOKEM 8593	USA 142051599						
SLO-TRAIN BOOKEM 8648	USA 142139622						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN BOYOBOY 8587	USA 142051571						
SLO-TRAIN BOYOBOY 8615	USA 142084089						
SLO-TRAIN BOYOBOY 8651	USA 142153125					C	
SLO-TRAIN BOYOBOY 8668	USA 142631375						
SLO-TRAIN BRANSON 8783	USA 142371255					C	
SLO-TRAIN BRUCE 3360	USA 140539145						
SLO-TRAIN BUCKEYE 6001	USA 135820355						
SLO-TRAIN BUD 289	USA 141940692						
SLO-TRAIN CABRERA 8286	USA 141439662						
SLO-TRAIN CAMELOT 3480	USA 141942573			C			
SLO-TRAIN CAMELOT 8517	USA 142244744						
SLO-TRAIN CANCUN 206	USA 143069225			C			
SLO-TRAIN CASUAL 8714	USA 142274062						
SLO-TRAIN CASUAL 8723	USA 142277953						
SLO-TRAIN CAVIAR 9348	USA 143275721			C			
SLO-TRAIN CHAMBRIC 8504	USA 141867685	C					
SLO-TRAIN CHAMBRIC 8509	USA 142215708	C					
SLO-TRAIN CHAP 3483-TW	USA 141973173						
SLO-TRAIN CHAP 3484-TW	USA 141973164						
SLO-TRAIN CHAP 3486	USA 141973182						
SLO-TRAIN CHARLIE 8971	USA 142719743						
SLO-TRAIN CHIP 33	USA 142022049						
SLO-TRAIN CIVIC 9411	USA 143372156					C	
SLO-TRAIN CLARK 1927	USA 141436379						
SLO-TRAIN CLARK 8261	USA 141436351						
SLO-TRAIN CLARK 8278	USA 141416889						
SLO-TRAIN CLARK 8280	USA 141417161						
SLO-TRAIN CLARK 8285	USA 141417947						
SLO-TRAIN COACH 3464	USA 142031380						
SLO-TRAIN COACH 8397	USA 141650320						
SLO-TRAIN COACH 8412	USA 141675972						
SLO-TRAIN COACH 8413	USA 141675981						
SLO-TRAIN COACH 8433	USA 141708519						
SLO-TRAIN COMMANDER 9314	USA 143248107						
SLO-TRAIN COMMANDER 9318	USA 143248125						
SLO-TRAIN CONTRAST 3454-TW	USA 141692795						
SLO-TRAIN CREDIT 6819	USA 139177600			C			
SLO-TRAIN CUSTOM 3431	USA 141439653						
SLO-TRAIN CYPRUS 8272	USA 141407557						
SLO-TRAIN DADDY 3525	USA 93WRA4386						
SLO-TRAIN DADDY 8836	USA 142462913			C			
SLO-TRAIN DASHER 3430	USA 141381231						3
SLO-TRAIN DAY 8766	USA 142631339						
SLO-TRAIN DAY 8830	USA 142440225						
SLO-TRAIN DEDUCTIVE 9309	USA 143224024						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN DEFENDER 3622	USA 143224015						
SLO-TRAIN DEFENDER 9235	USA 143157001						
SLO-TRAIN DEFENDER 9313	USA 143224042					C	
SLO-TRAIN DETROIT 8798	USA 142401303						
SLO-TRAIN DEYJA 9421	USA 143401333			C		C	
SLO-TRAIN DIAMOND 8960	USA 142702226						
SLO-TRAIN DIAMOND 8968	USA 142705283			C		C	
SLO-TRAIN DIAMOND 8992	USA 142728758					C	
SLO-TRAIN DISTINCTION 9047	USA 142792603						
SLO-TRAIN DISTINCTION 9178	USA 143037017						
SLO-TRAIN DISTINCTION 9285	USA 143489412						
SLO-TRAIN DISTRIBUTE 8795	USA 142381177						
SLO-TRAIN DISTRIBUTE 8807	USA 142423185						
SLO-TRAIN DISTRIBUTE 9025	USA 142771747						
SLO-TRAIN DIXIE 8935	USA 142660807						
SLO-TRAIN DOLLAR 9146	USA 143009924						
SLO-TRAIN DONATELLO 9002	USA 93WRA3307						
SLO-TRAIN DONATELLO 9007	USA 142737857						
SLO-TRAIN DONATELLO 9391	USA 143351067						
SLO-TRAIN DREAMER 9354	USA 143588157						
SLO-TRAIN DREAMWEAVER 3656	USA 143481722						
SLO-TRAIN EARNHARDT 8724	USA 142668140						3
SLO-TRAIN ELECTION 8891	USA 142577727						
SLO-TRAIN ERSKINE 8671	USA 142165339					C	
SLO-TRAIN ESCALATE 8489	USA 141843968						
SLO-TRAIN EVERETT 8847	USA 142764967						
SLO-TRAIN EVERETT 8875	USA 142548035						
SLO-TRAIN FAB LUCILLE	USA 133796980						
SLO-TRAIN FORCE PET	USA 128327140						
SLO-TRAIN FORTUNE 7030-ET	USA 138357142	C					
SLO-TRAIN FRANZ 8502	USA 142143155						
SLO-TRAIN G CHIP 8467-ET	USA 141788720						
SLO-TRAIN GALAX 3564-ET	USA 142770308						
SLO-TRAIN GALAX 3566-ET	USA 142781070						
SLO-TRAIN GALAX 3567-ET	USA 142781089						
SLO-TRAIN GALAXY 3541	USA 142577736						
SLO-TRAIN GALAXY 3545	USA 142630486						
SLO-TRAIN GALAXY 3558-ET	USA 142719903						
SLO-TRAIN GALAXY 8861	USA 142542851	C					
SLO-TRAIN GALAXY 8936	USA 142660795						
SLO-TRAIN GALAXY 8940	USA 142668270						
SLO-TRAIN GALAXY 9077	USA 142843420						
SLO-TRAIN GALAXY 9212	USA 143131225						
SLO-TRAIN GCHIP 8463-ET	USA 141788702						
SLO-TRAIN GLINT 8363	USA 141564407						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN GOLD CHIP 8494	USA 141843986						
SLO-TRAIN GOLD CHIP 8569	USA 141999696						
SLO-TRAIN GOLDCHIP 8636	USA 142133082						
SLO-TRAIN GRAFEETI 3556	USA 142705265						1
SLO-TRAIN GREEN 9136	USA 142979985						
SLO-TRAIN GREENDAY 3599	USA 143081687						
SLO-TRAIN GREENDAY 9194	USA 143081678						
SLO-TRAIN HEADLINE 3515	USA 142334139						
SLO-TRAIN HEADLINE 8778	USA 142352850					C	
SLO-TRAIN JABIR 205	USA 143069216						
SLO-TRAIN JACK 3561-ET	USA 142770326			C			
SLO-TRAIN JACK 3565-ET	USA 142762479						
SLO-TRAIN JAKARTA 8688	USA 142517556						
SLO-TRAIN JAKARTA 8735	USA 142631384						
SLO-TRAIN JETSET 9159	USA 143017198			C			
SLO-TRAIN JIVES 8379	USA 141618302						
SLO-TRAIN JOSUPER 9408	USA 143372138						
SLO-TRAIN KENNEDY RENE	USA 131867246						
SLO-TRAIN KRISTOFF 8762	USA 142334148						
SLO-TRAIN KUHN 3623	USA 143224033						
SLO-TRAIN LANDRY 8570	USA 141999708		C				
SLO-TRAIN LARGE 8605	USA 142075609						
SLO-TRAIN LARGE 8872	USA 142827493						
SLO-TRAIN LAST CHANCE 8524	USA 141921895						
SLO-TRAIN LAYNE 3504	USA 142209321						
SLO-TRAIN LAYNE 8694	USA 142209312						
SLO-TRAIN LAYNE 8701	USA 142224768						
SLO-TRAIN LAYNE 8703	USA 142224777						
SLO-TRAIN LAYNE 8707	USA 142247082						
SLO-TRAIN LAYNE 8725	USA 142577923						
SLO-TRAIN LIESL 3463	USA 142031371						
SLO-TRAIN LIESL 8375	USA 141593649						
SLO-TRAIN LIESL 8415	USA 142031344					C	
SLO-TRAIN LITHIUM 8827	USA 142440216						
SLO-TRAIN LITHIUM 8841-ET	USA 142495391						
SLO-TRAIN LUSTYBOY 8387	USA 141634722		C				
SLO-TRAIN MAC 7460-ET	USA 139516975						
SLO-TRAIN MAC 7464-ET	USA 139516984						
SLO-TRAIN MACGUIN 8427	USA 141692816	C					
SLO-TRAIN MACGUINESS 3460	USA 141708500						
SLO-TRAIN MANOSHAN 3516	USA 142352823						
SLO-TRAIN MANOSHAN 8706	USA 142242706						
SLO-TRAIN MANOSHAN 8715	USA 142274071						
SLO-TRAIN MANOSHAN 8756	USA 142334111		C			C	
SLO-TRAIN MANOSHAN 8784	USA 142371273						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN MANOSHAN 8856	USA 142531723						
SLO-TRAIN MANOSHAN 8991	USA 142728749						
SLO-TRAIN MARLAND 8958	USA 142702244						
SLO-TRAIN MARS 8365	USA 141584184						
SLO-TRAIN MAUI 290	USA 141942582						
SLO-TRAIN MAUI 8484	USA 141837143						
SLO-TRAIN MAYFIELD 3505	USA 142209349			C			
SLO-TRAIN MAYFIELD 8667	USA 142165209			C			
SLO-TRAIN MAYFIELD 8682	USA 142194160			C			
SLO-TRAIN MAYFIELD 8683-ET	USA 142203062	C					
SLO-TRAIN MAYFIELD 8690	USA 142202379						
SLO-TRAIN MAYFIELD 8754-TW	USA 142308105			C			
SLO-TRAIN MAYFIELD 8849	USA 142517695			C			
SLO-TRAIN MCCUTCH 297	USA 142423176						
SLO-TRAIN MCCUTCH 299	USA 142548017						
SLO-TRAIN MCCUTCH 35	USA 142531750						
SLO-TRAIN MCCUTCH 3528	USA 142436327						
SLO-TRAIN MCCUTCH 8711	USA 142274053						
SLO-TRAIN MCCUTCH 8722-ET	USA 142277980						
SLO-TRAIN MCCUTCH 8728	USA 142301304					C	
SLO-TRAIN MCCUTCH 8985	USA 142733376						
SLO-TRAIN MCCUTCH 9227	USA 143132730						
SLO-TRAIN MERIDIAN 8775	USA 142352841						
SLO-TRAIN MERIDIAN 8785	USA 142371264						
SLO-TRAIN MERIDIAN 8829	USA 142440207						
SLO-TRAIN MERIDIAN 8865	USA 142542879						
SLO-TRAIN METEOR 9443	USA 143449544						
SLO-TRAIN MITCHEM 9210	USA 143104245						
SLO-TRAIN MIXER 3526	USA 142436318			C			
SLO-TRAIN MIXER 8796	USA 142401282						
SLO-TRAIN MOG526 9319	USA 143462617						
SLO-TRAIN MOGUL 3503	USA 142202388						
SLO-TRAIN MOGUL 3509-ET	USA 142224807						
SLO-TRAIN MOGUL 3510-ET	USA 142244753						
SLO-TRAIN MOGUL 8638-ET	USA 142133112						
SLO-TRAIN MOGUL 8684	USA 142202360						
SLO-TRAIN MOGUL 8770	USA 142352832						
SLO-TRAIN MOGUL 8886	USA 142571516						
SLO-TRAIN MONTEREY 3629	USA 143257279						
SLO-TRAIN MONTEREY 3631	USA 143257327						
SLO-TRAIN MONTEREY 9335	USA 143588184						
SLO-TRAIN MONTEREY 9343	USA 143265135						
SLO-TRAIN MONTROSS 210	USA 143449638						
SLO-TRAIN MOONRAY 9015	USA 142749379						
SLO-TRAIN MORGAN 4049	USA 142813317					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN MORGAN 9036	USA 142795419						
SLO-TRAIN MORGAN 9041	USA 142792582					C	
SLO-TRAIN MORRIS 8364	USA 141564416	C				C	
SLO-TRAIN MYRLE 8352	USA 93WPX4263						
SLO-TRAIN MYSTI 8320	USA 141828905						
SLO-TRAIN OBS 8566	USA 141999780						
SLO-TRAIN OBS 8602	USA 142077834						
SLO-TRAIN OBS 8646	USA 142381140						
SLO-TRAIN OBSERV 8493	USA 142142798						
SLO-TRAIN OBSERV 8541	USA 141973155						
SLO-TRAIN OBSERVE 8527	USA 141942564						
SLO-TRAIN OBSERVE 8535	USA 141942591						
SLO-TRAIN OBSERVER 8482	USA 141837134						
SLO-TRAIN OMEGA 9022	USA 142771738						
SLO-TRAIN OSMOND 8503	USA 141867676			C			
SLO-TRAIN PARADISE 3500	USA 142139613						
SLO-TRAIN PASSWORD 8240	USA 141367989					C	
SLO-TRAIN PAT MAYBELLE	USA 136793388						
SLO-TRAIN PAUL 3437	USA 141416898						
SLO-TRAIN PETY 9439	USA 143432812						
SLO-TRAIN PICARDUS 8370	USA 93WPZ2326						
SLO-TRAIN PLAN 283	USA 141828875						
SLO-TRAIN PLAN 8311	USA 141474049						
SLO-TRAIN PLAN 8654	USA 142533734						
SLO-TRAIN PLATINUM 8979	USA 142719770						
SLO-TRAIN PLATINUM 8990	USA 142728730			C			
SLO-TRAIN PRE 3549-ET	USA 142660964						3
SLO-TRAIN PRE 3550-ET	USA 142676275						3
SLO-TRAIN PRE 3551-ET	USA 142676284						3
SLO-TRAIN PREDEST 9001-ET	USA 142738410						3
SLO-TRAIN PREDEST 9003-ET	USA 142738401						3
SLO-TRAIN PREDESTINE 8877	USA 142563212						3
SLO-TRAIN PREDESTINE 8882	USA 142563230						3
SLO-TRAIN PREDESTINE 9052	USA 142813335						
SLO-TRAIN PREDESTINE 9069	USA 142825875						3
SLO-TRAIN PUZZLE 9073	USA 142832114						
SLO-TRAIN RACER 9360	USA 143297062						
SLO-TRAIN RESSE 9367	USA 143297099						
SLO-TRAIN SAJAC 3540	USA 142571534						
SLO-TRAIN SALADO 296	USA 142194281						
SLO-TRAIN SALEEN 3521	USA 142409392						
SLO-TRAIN SAPPORO 8511	USA 141910673						
SLO-TRAIN SHAM 3449	USA 141627821						
SLO-TRAIN SHAM 3459	USA 141659703						
SLO-TRAIN SHAM 3474	USA 141908683						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN SHAM 3487	USA 141968546						
SLO-TRAIN SHAM 3496	USA 142084070						
SLO-TRAIN SHAM 3538	USA 142542888						
SLO-TRAIN SHAM 3544	USA 142631348						
SLO-TRAIN SHAM 8362-ET	USA 141564984			C			
SLO-TRAIN SHAM 8500	USA 141867658						1
SLO-TRAIN SHAM 8525	USA 141921907						
SLO-TRAIN SHAM 8539	USA 141973137						
SLO-TRAIN SHAM 8594	USA 142075588						
SLO-TRAIN SHAM 8596	USA 142075597						
SLO-TRAIN SHAM 8604	USA 142077946						
SLO-TRAIN SHAM 8657	USA 142153134						
SLO-TRAIN SHAM 8752	USA 142308093						
SLO-TRAIN SHAM 8917	USA 142620023						
SLO-TRAIN SHAMROCK 8374	USA 141593630						
SLO-TRAIN SHARP 8342	USA 141531887						1
SLO-TRAIN SHERAC 8334	USA 141509660						
SLO-TRAIN SHERAC 8349	USA 141531917						
SLO-TRAIN SHERAC 8354	USA 141553959						
SLO-TRAIN SHERAC 8400	USA 141650348						
SLO-TRAIN SHERAC 8409	USA 141673439			C			
SLO-TRAIN SHERAC 8411	USA 141675990						
SLO-TRAIN SHERAC 8424	USA 141692807						
SLO-TRAIN SHERAC 8426-ET	USA 141659682						
SLO-TRAIN SHERAC 8431-ET	USA 141673493						
SLO-TRAIN SHIMONE 3535	USA 142517677						
SLO-TRAIN SHOUT 8381	USA 141618236						
SLO-TRAIN SILVER 9412	USA 143376310						
SLO-TRAIN SILVER 9423	USA 143400985			C			
SLO-TRAIN SMOKIN JO 8976	USA 142719761						
SLO-TRAIN SNOOPY 8348	USA 141531908						
SLO-TRAIN SNOWDEN 8598	USA 142077825						
SLO-TRAIN SOPRANO 8794	USA 142381168						
SLO-TRAIN SPECIAL 6137	USA 134519816		C				
SLO-TRAIN SSIRE 8745	USA 142301407						
SLO-TRAIN SUPERIOR 9398	USA 143366948						
SLO-TRAIN SUPERIOR 9414	USA 143387000						
SLO-TRAIN SUPERIOR 9429	USA 143470881			C			
SLO-TRAIN SUPERSIRE 3520	USA 142401312						
SLO-TRAIN SUPERSIRE 3577	USA 142825718						
SLO-TRAIN SUPERSIRE 3608	USA 143158851						
SLO-TRAIN SUPERSIRE 8943	USA 142676211						
SLO-TRAIN SUPERSIRE 8946	USA 142676220						
SLO-TRAIN SUPERSIRE 8987	USA 142733367						
SLO-TRAIN SUPERSIRE 9131	USA 142969737						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SLO-TRAIN SUPERSIRE 9150	USA 143009942						
SLO-TRAIN TAMPA 9409	USA 143372147						
SLO-TRAIN TANGO 3578-ET	USA 142827505		C				
SLO-TRAIN TANGO 3579	USA 142832123		C				
SLO-TRAIN TANGO 9070	USA 142832105		C				
SLO-TRAIN TANGO 9185	USA 143069207		C				
SLO-TRAIN TANGO 9196	USA 143081696		C				
SLO-TRAIN TANGO 9230	USA 143156998		C				
SLO-TRAIN TIME 8318	USA 141489238						
SLO-TRAIN TIME 8418	USA 141699103						
SLO-TRAIN TIME 8458	USA 141782313						
SLO-TRAIN TIME OKA	USA 141533919						
SLO-TRAIN TRIGGER 8270	USA 141407539	C					
SLO-TRAIN TRIGGER 8300	USA 141444888			C		C	
SLO-TRAIN TRIGGER 8304	USA 141488938						
SLO-TRAIN TRIGGER 8324	USA 141828914						
SLO-TRAIN TWISTER 8643	USA 142139604						
SLO-TRAIN WINDSOR 9050	USA 142813326						
SLO-TRAIN WINDSOR 9063	USA 142815681						
SLO-TRAIN YANO 8420	USA 142031353						
SLO-TRAIN ZEUS JADE	USA 134899323						
SLO-TRAIN ZYKE 9415	USA 143387224						
SLY-FOX ADOLPH MARBLE	USA 74191511						
SLY-FOX ANONYMOUS	USA 142344314						
SLY-FOX HI-METRO HIGHFIVE	USA 142284993						
SLY-FOX MARTIE-ET	USA 74191512						
SLY-FOX OLYMPIA	USA 142043129		C				
SLY-FOX POWERHOUSE EMMIE	USA 142632031		C				
SLY-FOX POWERHOUSE QUESTION	USA 142632040						
SMIDDIEHILL DURM ASHLYN-ET	GBR 11060791						
SMILING-HILL EPIC HANNAH	USA 142459472					C	
SMITH-CREST DRHM MIA-TW	USA 141640145						3
SMITH-HOLLOW BEATYS BIANCA	USA 63035368	C					
SMITH-HOLLOW BRAZZLE NEWTON	840003131526281						4
SMITH-HOLLOW DAMION ARIEL	USA 65914206						
SMITH-HOLLOW DOMAIN 2762	USA 70420822						3
SMITH-HOLLOW DOMAIN HAYLEY	USA 70420841						
SMITH-HOLLOW DURHM LANEY-ET	USA 70420753						
SMITH-HOLLOW EXPLODE GRETA	USA 71075451			C			
SMITH-HOLLOW GLDWN ANNA GEM	USA 62609390						1
SMITH-HOLLOW JESSIC RAMONA	840003126535503						2
SMITH-HOLLOW LUCAS 3269	840003014260388						
SMITH-HOLLOW MANDELIN 2160	USA 65439019						
SMITH-HOLLOW MGLD GLAMOROUS	USA 65914161						
SMITH-HOLLOW MILLION SALSA	USA 69092280					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SMITH-HOLLOW PHOENIX SOPHIA	USA 71075452					C	
SMITH-HOLLOW SB SNOWFLURRY	USA 70420815						
SMITH-MANOR A PANINNNI-ET	USA 73570428						
SMITH-MANOR A POLLY-ET	USA 73570433						
SMITH-MANOR ATWD PLUM-ET	840003128496098						
SMITH-MANOR ATWOOD PEPSI-ET	USA 73570426						
SMITH-MANOR BROKAW PETRA-ET	USA 73242261						
SMITH-MANOR SUPERSIRE 510	840003128496066						
SMITH-OAK DRHM MARGE 68-ET	USA 62859501						
SMITH-OAK EMILY	USA 17130415						
SMITHDEN ALLEN ALISON-ET	CAN 9406028	C					
SMITHDEN BOLTON ALEXANDRIA	CAN 9679305	C					
SMITHDEN GOLDWYN ALEXANDRA-ET	CAN 7669878	C					1
SMITHDEN LAUTHORITY AMELIA	CAN 11307934						1
SMITHDEN MASCALESE AMELEE	CAN 11678098						1
SMITHDEN OBSERVER ARIE-ET	840003129356848						
SMITHDEN SHOTTLE ACADIE-ET	CAN 102017398	C					
SMITHDEN SHOTTLE ALYSSA-ET	CAN 103923468					C	
SMITHDEN SHOTTLE AUTUMN	CAN 9679303						
SMITHDEN SNOWMAN ALLTHAT-ET	840003010574833	C		C			1
SMITHDEN TITANIC ANNA-ET	CAN 7669835						1
SMITHDEN WINDBROOK ALEAH-ET	USA 142208375	C					
SMITHLAND EYE PATCH	USA 134585987						1
SMITHSON DAMION RIBET	USA 139705117						
SMITHSON DESTRY REESES	USA 140705296						
SMITHSON DURHAM RICHLEAH	USA 137796320						
SMITHSON GOLDSTAR 4951	USA 73564483						
SMITHSON GOLDSTAR 4990	USA 73564522						
SMITHSON GOLDSTAR 5128	USA 74110190						
SMITHSON LUCIFER RINGLET	USA 137601668						
SMITHSON ZENITH RICHES	USA 138967291						
SMITHSON-KW ATWOOD EMBER-ET	840003129174332						
SMITHSON-KW ATWOOD EXPLORER	840003129174329						
SMITHSON-KW CO RICHNEWS-ET	840003129174410						
SMITHSON-KW CORVETTE 4083	USA 73951500						
SMITHSON-KW G CHIP REI	840003129174387						
SMITHSON-KW GLDCHIP 5002-ET	USA 73564534						
SMITHSON-KW GLDCHIP 5005-ET	USA 73564537						
SMITHSON-KW GLDCHIP 5011-ET	USA 73564543						
SMITHSON-KW GLDCHIP 5012-ET	USA 73564544						
SMITHSON-KW GOLDUST 5030-ET	USA 73564562						
SMITHSON-KW GUN 4532	840003132527463						
SMITHSON-KW MONTROSS 4510	840003132527441					C	
SMITHSON-KW MONTROSS 4556	840003132527487						
SMITHSON-KW SHOTTLE EVE	840003132527492						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SMITHSON-KW VETE Y-VETTE-ET	USA 74110170						
SMYGWATYS SANCHEZ EMMA-ET	CAN 10973127						
SMYRNA-PINE PLANET JEWEL	USA 73666502						
SN-ROYALS CLARK BOONE	USA 73243149						
SN-ROYALS DRAKE BLONDIE	USA 66415422						
SNOW-ROSE OUTSIDE ANTHEM	USA 137509881		C				
SNOW-ROSE SANCHEZ BLISS-ET	USA 72502734						
SNOWBIZ EARNHARDT MIMI-ET	CAN 108250902			C			
SNOWBIZ GALAXY DARLA-ET	CAN 108502587						
SNOWBIZ GALAXY LUNA-ET	CAN 108502597						
SNOWBIZ LADD P MANDY-RED-ET	CAN 108250948			C			
SNOWBIZ LADD P MARSHMELLOW	CAN 108250983						1
SNOWBIZ LADD P SUNSHINE-ET	CAN 108251012						
SNOWBIZ LEXOR AUDREY-ET	CAN 108250978						
SNOWBIZ MCCUTCHEN DEE-ET	CAN 108251031						
SNOWBIZ MCCUTCHEN LOTTIE	CAN 108502625						
SNOWBIZ MCCUTCHEN LUANNE-ET	CAN 108250967						
SNOWBIZ N UNO LENA-ET	CAN 107931133						
SNOWBIZ N UNO LUCIOUS-ET	CAN 107931134						
SNOWBIZ SYMPATICO SAL-ET	CAN 108251026						
SNOWBIZ SYMPATICO SHAE-RED-ET	CAN 108502611			C			
SNOWBIZ SYMPATICO SHYLA-ET	CAN 108502579						
SNOWBIZ SYMPATICO SOFIA-RED-ET	CAN 108502624						
SNOWCREST ALLEN ALISSA	USA 137485727	C					
SNOWCREST BLITZ MYLEAH	USA 138195663						
SNOWCREST ELMO JORDY	USA 139751930						
SNOWCREST STOR NORMAN BUNNY	USA 137485736	C					
SNOWCREST TALENTI ARIANA	USA 136645845						
SNOWDAME PLANET LAUREN-ET	CAN 10896140						
SNOWPOND JERRICK ALMOST	USA 143137409						
SNOWTOP AIRRAID ERMA	USA 69587854						
SNOWTOP MONUMENT ECHO	USA 69587866						
SNOWTOP PACIFIC MAPION	USA 69587863		C				3
SNYDER-VUE SUPER DUPER	USA 141608912						
SOARING-EAGLE DEFEND DESTIN	840003132182195						
SOARING-EAGLE DEFENDER KIA	840003132182339						
SOARING-EAGLE DELFINO	840003132182289		C				
SOARING-EAGLE DISTINCT DAY	840003132182145						
SOARING-EAGLE DISTINCT DELL	840003132182161						
SOARING-EAGLE DISTINCT TAB	840003132182318						
SOARING-EAGLE DISTINCTION A	840003126030186						
SOARING-EAGLE EMERSON MILLY	USA 132894920						
SOARING-EAGLE ENID ELLEN	840003126030237						
SOARING-EAGLE ENID EUNICE	840003126030050						
SOARING-EAGLE GABOR GINA	840003126029804					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOARING-EAGLE GULF AMY	840003126030107						
SOARING-EAGLE GUN MAGGIE	840003132182284		C				
SOARING-EAGLE HAMPTON JENNA	840003132182215			C			
SOARING-EAGLE HEADLINER ALI	840003126029966						1
SOARING-EAGLE HERMA	840003126030046						
SOARING-EAGLE HUSKY HELEN	840003132182151						
SOARING-EAGLE LOUSIRE KELLY	840003132182240						
SOARING-EAGLE MASKILL MYA	840003126029784						
SOARING-EAGLE MCCHUTC MOLLY	840003126030182						
SOARING-EAGLE MCCUTCH MICHE	840003126030117						
SOARING-EAGLE MCCUTCH MISSY	840003126029923						
SOARING-EAGLE MCCUTCH MISTY	840003126030187						
SOARING-EAGLE MCCUTCHEN MIA	840003126030166						
SOARING-EAGLE MOGUL GAIL	840003132182367						
SOARING-EAGLE MONTROSS KELS	840003132182275						
SOARING-EAGLE MONTROSS LIA	840003132182430						
SOARING-EAGLE OBSERVER ELLE	840003132182193						
SOARING-EAGLE OBSERVER JEAN	840003126029961			C			
SOARING-EAGLE OMAN PIPE	USA 135841305			C			
SOARING-EAGLE PETRONE SUE	840003126030158						
SOARING-EAGLE PHOENIX JAX	840003132182342						
SOARING-EAGLE PLANET SANDRA	840003126029989						
SOARING-EAGLE PONDER	840003132182312			C			
SOARING-EAGLE PONDER PAULA	840003126030221						
SOARING-EAGLE PONDER PEA	840003126030127						
SOARING-EAGLE PONDER PRO	840003126030139						
SOARING-EAGLE PUNCH GEELAN	USA 71730689						
SOARING-EAGLE REFLECTOR RAE	840003132182128						
SOARING-EAGLE REFLECTOR REA	840003126030159		C				3
SOARING-EAGLE SHERIFF HAILY	840003132182256		C				
SOARING-EAGLE SHERIFF SHEL	840003132182254						
SOARING-EAGLE SUPERSIRE PAT	840003132182423						1
SOARING-EAGLE TABLE LIZ	840003126029957						
SOARING-EAGLE TABLE PEACE	840003126030005						
SOARING-EAGLE TABLE TESSA	840003126030001						
SOARING-EAGLE WATSON LITA	840003126029986						
SOARING-EAGLE WATSON WENDY	840003132182173			C		C	
SOARING-EAGLE WATSON WILMA	840003126029951						
SOARING-EAGLE YODER BRYN	840003132182221						
SOARING-EAGLE YODER SANDY	840003132182277						
SOHNEDALE MIRACLE-RED-ET	USA 71395486						
SOLID-GOLD AFRICA-ET	USA 141440277					C	1
SOLID-GOLD AMERICA-ET	USA 141440286					C	1
SOLID-GOLD DE BN HICKORY-ET	840003012171373						3
SOLID-GOLD DE BRK HILARY-ET	840003012171364						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOLID-GOLD DE GC HARLEY-ET	840003012171359						
SOLID-GOLD DE GSUN DISCO-ET	840003012171379						
SOLID-GOLD DE GSUN LIMO-ET	840003012171361						
SOLID-GOLD DE GSUN LIZA-ET	840003012171368						
SOLID-GOLD DE HOLLYWOOD-ET	840003012171369						
SOLID-GOLD DE MX HARVEST-ET	840003012171382						3
SOLID-GOLD DE SAT LASHES-ET	840003012171362						1
SOLID-GOLD DE SCHL LOYAL-ET	840003012171367						1
SOLID-ROCK MORTY TRISH-ET	USA 136707688						
SOLITAIRE DISTRIGN ANDI-RED	USA 170061379						
SOLITAIRE JORDAN 173-RED	USA 170185723						
SOLITAIRE SHAQ JORDYN	USA 172301080						
SOLLENBERG 73455	840003132198483						
SOLLENBERG DECLAN WANIKA	USA 72917259						
SOLLENBERG DELON GENIE	USA 71778226						
SOLLENBERG HEATH HAZEL	USA 71778232						3
SOLLENBERG MCNUGGETS LEANN	USA 74021390						
SOLLIEN DUSTER DUSTIE	USA 17322504						
SOLLIEN LUKE DOCTOR-ET	USA 15564130						
SOLO DUTCH BOY APPLE-ET	USA 62644414						
SOLO OUTSIDE DESTINY-ET	USA 61713790						
SOLO RAMOS DECIPHER-ET	USA 62080177						
SOLO-BROWNKING KRIS-RED-ET	USA 62644420						
SOLO-BROWNKING PAR KICKS-ET	USA 62644453						
SOLUM 1004 SILVER ALI	USA 65804545				C		
SOLUM 1007 GOLDEN CANDYCANE	USA 65804548						
SOLUM 1014 LYDIA COLE	USA 65804555						
SOLUM 1016 CHAPI COLET	USA 65804557						
SOLUM 1306 CHICAGO SPLASH	USA 70776776				C		
SOLUM 1333 HOGAN NICKY	USA 70776803						
SOLUM 1345 CHICAGO WINS	USA 70776815						
SOLUM 1351 DYNASTY GUARDIAN	USA 71338500						
SOLUM 1358 DYNASTY LUCKY	USA 71338507						
SOLUM 1372 MAN GOLD NO FOOL	USA 71338521						
SOLUM 1375 AFTRSHOCK CHOICE	USA 71338524					C	
SOLUM 1383 DYNASTY FIERCE	USA 71338532						
SOLUM 1388 LUSTER GEM	USA 71338537						
SOLUM 1393 KALANI KALAHARI	USA 71338542						
SOLUM 1395 LUSTER MARY	USA 71338544						
SOLUM 1399-TW	USA 71338548						
SOLUM 1400-TW	USA 71338549						
SOLUM 1401 LATROY LEAFY-ET	USA 72024361						
SOLUM 1403 LATROY LADY-ET	USA 72024363						
SOLUM 1405 EPIC ELEVEN	USA 72024365						
SOLUM 1406 EPIC REVOLUTION	USA 72024366						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOLUM 1407 EMRALD ISLAND-ET	USA 72024367	C					
SOLUM 1414 SHAME TEA	USA 72024374						
SOLUM 1419 GARCIA SPRITZ	USA 72024379						
SOLUM 1420 CUPID WINGS	USA 72024380		C				
SOLUM 1423 PALERMO PAL	USA 72024383	C					
SOLUM 1425 JIMBEAM LADY	USA 72024385						
SOLUM 1427	USA 72024387						
SOLUM 1438 EPIC ENJOY	USA 72024398						
SOLUM 1449 LETSGO SPRINKLES	USA 72024409						
SOLUM 1454 CALVARY CRYSTAL	USA 72395431						
SOLUM 1464 SHAME EAGLE	USA 72395441						
SOLUM 1465 LETS GO CHEER	USA 72395442						
SOLUM 1470 TRICIA	USA 72395447						
SOLUM 1479	USA 72395456						
SOLUM 1488	USA 72395465						
SOLUM 1491	USA 72395468			C			
SOLUM 1493	USA 72395470						
SOLUM 1494	USA 72395471					C	
SOLUM 1496	USA 72395473					C	
SOLUM 1498	USA 72395475						
SOLUM 1500	USA 72395477			C			
SOLUM 1501	USA 72956407						
SOLUM 1506	USA 72956412						
SOLUM 1510	USA 72956416						
SOLUM 1511-ET	USA 72956417						
SOLUM 1514-ET	USA 72956420						
SOLUM 1515	USA 72956421						
SOLUM 1516-ET	USA 72956422						
SOLUM 1518	USA 72956424						1
SOLUM 1523	USA 72956429						
SOLUM 1524	USA 72956430						
SOLUM 1526	USA 72956432						
SOLUM 1532	USA 72956438						
SOLUM 1535	USA 72956441						
SOLUM 1536	USA 72956442						
SOLUM 1537	USA 72956443						
SOLUM 1538 EP CINDERELLA-ET	USA 72956444						
SOLUM 1539-ET	USA 72956445						
SOLUM 1541	USA 72956447						
SOLUM 1542 EPIC CINNAMON-ET	USA 72956448						
SOLUM 1550	USA 72956456						
SOLUM 1554	USA 73681624	C					3
SOLUM 1556	USA 73681626						
SOLUM 1561	USA 73681631						
SOLUM 1567 OUTDONE CORA-ET	USA 73681637						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOLUM 1569 FAIRY	USA 73681639		C				
SOLUM 1570 MARY BABY	USA 73681640						
SOLUM 1578 SILVER	USA 73681648						
SOLUM 1585	USA 73681655						
SOLUM 1586	USA 73681656						
SOLUM 1590 FIERCE DIVA	USA 73681660						
SOLUM 1594 MS CANDY-ET	USA 73681664						
SOLUM 1598 DVALENTINE	USA 73681668						
SOLUM 1599 ANGEL WISH	USA 73681669					C	
SOLUM 1600 FRANCE	USA 73681670						
SOLUM 1601 CHICAGO WIND	USA 74401047						
SOLUM 1608 PRECIOUS	USA 74401054						
SOLUM 1609 RAINDROP	USA 74401055						
SOLUM 1611 EMERALD-ET	USA 74401057						
SOLUM 1612-ET	USA 74401058						
SOLUM 1618 JO CLASSY	USA 74401064					C	
SOLUM 1624 TELEMARK GOODY	USA 74401070						
SOLUM 1627 TELEMARK EMMA	USA 74401073						
SOLUM 1630 BLAKE SARAH	USA 74401076				C		
SOLUM 1631 DOLLARS GLAMOUR	USA 74401077						
SOLUM 1633 TELEMARK RAGINA	USA 74401079						
SOLUM 1635 BEVIN TRIST	USA 74401081						
SOLUM 1638 BLAKE MICHELLE	USA 74401084						
SOLUM 1643 BLAKE PINS	USA 74401089						
SOLUM 1673 DINA	840003131148286						
SOLUM 1674 DANELLA	840003131148287						
SOLUM 1682 BLESSINGS	840003131148295						
SOLUM 1686 CAKE	840003131148299						
SOLUM 1687 BARB	840003131148300						
SOLUM 1688 BETTY	840003131148301						
SOLUM 1689 LACY	840003131148302						
SOLUM 1690 CINDER-ET	840003131148303						
SOLUM 1691 CIDER-ET	840003131148304						
SOLUM 649 CHAMPION BABYDOLL	USA 61306476						
SOLUM 657 CHAMP BEAUTY	USA 61702088						
SOLUM 860 SAPPHIRE MANDY	USA 63179394						
SOLUM 966 MARION ITO DUGIRL	USA 64882404						
SOLUM BOWSER LYDIA 1239-ET	USA 69652577						
SOLUM BWSR LIPSTICK 1238-ET	USA 69652576						
SOLUM CHAMPY LIZA 853-TW	USA 63179387						
SOMERSET-CVT GOLD TEQUILA	840003010799477						
SOMERSET-CVT PLAN GLAMAZON	840003010799504						
SOMERSET-CVT SUPER PLANET	840003124721608						
SON-CO CASPIAN GLENDA	USA 143329813						
SON-CO EARNHARDT GINA-ET	USA 72674691						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SON-CO MOGUL GUESS-ET	USA 71709457						3
SON-CO MOGUL GUESTURE-ET	USA 71709460						
SON-CO SHAMROCK AMBER	USA 72674680						
SON-ROCK SYMPATIC RAZZEL-ET	840003012560109						
SON-ROCK SYMPATICO REBEL-ET	840003013177416			C			
SONDAD SKY FAME DEANN	USA 135389089	C					
SONNEK ARIBOLD GABBY	USA 141461610						
SONNEK ARMITAGE HAPPY-ET	USA 141992215						
SONNEK ATLAS HOOT-ETS	USA 141981440						
SONNEK ATWOOD INKA-ET	840003012308564						
SONNEK ATWOOD JANIE-ET	840003012308589						
SONNEK ATWOOD KATE-ET	840003128769127						
SONNEK ATWOOD KATELYN-ET	840003128769169						
SONNEK ATWOOD KATHLEEN-ET	840003128769109						
SONNEK ATWOOD KATHY-ET	840003128769084						
SONNEK ATWOOD KATIE-ET	840003128769125						
SONNEK BEAU HAIKU	USA 142371451						
SONNEK BEEMER KAT-ET	840003130641621						
SONNEK BELUGA IGLOO-ET	840003012308570			C			
SONNEK BELUGA JACINDA	840003012308579						
SONNEK BELUGA JENGA-ET	840003012308571						
SONNEK BELUGA JINX-ET	840003014526340						
SONNEK BELUGA KITT-ET	840003014526360			C			
SONNEK BEN ICEBERG-ETS	840003012308545						
SONNEK BEN ICELAND-ETS	840003012308544						
SONNEK BEN INDONESIA-ET	840003012308543						
SONNEK BEN IRELAND-ET	840003012308542						
SONNEK BEN ITALY-ET	840003012308541						
SONNEK BEN IVORY COAST-ET	840003012308546						
SONNEK BIG TIME INGRID	840003012308553						
SONNEK BLT DOUBLE DIPPED-ET	USA 138916062						
SONNEK BOASTFUL KAYE-ET	840003014526383						
SONNEK BOASTFUL KELLI-ET	840003014526388						
SONNEK BOLTON CHOCOLATE-ET	USA 138720597						
SONNEK BOLTON COCOA-ET	USA 138720588					C	
SONNEK BOLTON DAY LILLY-ET	USA 139545537						
SONNEK BOLTON DENALI-ET	USA 139569571						
SONNEK BOLTON ELIZA-ET	USA 139835920						
SONNEK BOMBERO JOSIE	840003014526347						
SONNEK BOMBERO KILLIAN-ET	840003014526363						
SONNEK BRONO INGA	USA 142371527						
SONNEK CALICO HARMONY	USA 142371479						
SONNEK CAMERON HOLLY	USA 142371497						
SONNEK CAMERON HOORAY	USA 142149320						
SONNEK CHAIRMAN GRETTEL-ET	USA 141094104						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SONNEK CONAN GLITTER	USA 141705338						3
SONNEK CONAN GRACE-ET	USA 141461638						3
SONNEK CONAN GRACIE-ET	USA 141461647						3
SONNEK CORVETTE KARRI-ET	840003014526364						
SONNEK CORVETTE KITTY-ET	840003014526361						
SONNEK DAMION CECELIA-ET	USA 138545767					C	
SONNEK DAMION CHARLIE-ET	USA 138545776						
SONNEK DEMPSEY HATTIE	USA 142371433					C	1
SONNEK DESTRY HILLARIOUS	USA 141894272						1
SONNEK DESTRY HIPPITY-TW	USA 141894218					C	1
SONNEK DESTRY KARLIE-ET	840003014526372						
SONNEK DESTRY KEEPSAKE-ET	840003014526384						
SONNEK DOMAIN GINNY-ET	USA 141705365						
SONNEK DOMAIN GLENDA-ET	USA 141485944						
SONNEK DOMAIN GRAVITY-ET	USA 141705374						
SONNEK DOMAIN HARTLETT-ET	USA 141894197						
SONNEK DOMAIN HELLION	USA 141823209						
SONNEK DOMAIN HELVETICA-ET	USA 141705383						
SONNEK DOMAIN HUSSY-ET	USA 141894209						
SONNEK DOMAIN HUSTLE-ET	USA 141894227						
SONNEK DOORMAN HICKEE-ET	USA 72576524					C	
SONNEK DOORMAN HOOCHIE-ET	USA 72576538					C	
SONNEK DOORMAN JACKIE	840003012308573						
SONNEK DOORMAN KAMI-ET	840003014526367					C	
SONNEK DOORMAN KAYLA-ET	840003014526382						
SONNEK DOORMAN KAYLIE-ET	840003014526351						
SONNEK DOORMAN KYLIE-ET	840003014526350						
SONNEK DORCY KARMA	840003014526366						
SONNEK DORCY KIKI	840003014526352						
SONNEK EQUATION KENDRA	840003014526358						
SONNEK GAGAS JUST DANCE-ET	840003012308577						
SONNEK GAUGE KENTUCKY	840003014526373						
SONNEK GAUGE SHES A KEEPER	840003014526385					C	
SONNEK GC FABULOUS-ET	USA 141894245						
SONNEK GC HEATWAVE-ET	USA 141981431						
SONNEK GC HOT STUFF-ET	USA 142149311						
SONNEK GC HOTNESS-ET	USA 141981413						
SONNEK GC HOTTIE-ET	USA 141981422						
SONNEK GERARD GAGA-ET	USA 141209186						
SONNEK GERARD GOGO-ET	USA 141204837						
SONNEK GLDWN FLASHDANCE-ET	USA 141011057						
SONNEK GOLD CHIP HEART-ET	USA 141823197						
SONNEK GOLD CHIP TEASE-ET	840003012308583						
SONNEK GOLDDIGGER GIZELLE	USA 141461665						
SONNEK GOLDWYN ELPHABA	USA 140203413						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SONNEK GOLDWYN FOOTLOOSE-ET	USA 141011048						
SONNEK GOLDWYN GRAFFITI-ET	USA 141705347						1
SONNEK GUTHRIE IRIS	840003012308548						
SONNEK IOTA HAPPINESS-ET	USA 141894236						
SONNEK JEEVES EARTHA	USA 139835975						
SONNEK JEEVES HEATHER	USA 141894263						
SONNEK JOSUPER KINDLE-ET	840003014526369						3
SONNEK JOSUPER KINETIC-ET	840003014526368						
SONNEK JOSUPER KIWI	840003014526375						
SONNEK JS KINDNESS	840003014526365						
SONNEK LATHORITY GLOWING-ET	USA 141461601						1
SONNEK LAVAMAN ILLICIT	840003012308549						3
SONNEK LITHIUM ION	USA 142371518						
SONNEK MANOMAN FELICIA	USA 140434365						
SONNEK MANOMAN FIESTA	USA 140434356						
SONNEK MARK IDINA	840003012308547	C					
SONNEK MOGUL HEIRESS-ET	USA 142371424						
SONNEK MOGUL JEM	840003012308574						
SONNEK MOS IGNITE-ET	840003012308565						
SONNEK MOS ILLUMINATE-ET	840003012308555						3
SONNEK MOS ILLUSION-ET	840003012308556						
SONNEK MOS INEZ-ET	840003012308560						
SONNEK MOS IRIDESCENT-ET	840003012308558						3
SONNEK MOS JORDY-ET	840003012308590						
SONNEK PARADISE ISLAND	840003012308552						
SONNEK PURE JOKER-ET	840003014526342						
SONNEK PURE KATWOMAN-ET	840003014526357						
SONNEK PURE PENGUIN-ET	840003014526343						
SONNEK PURE RIDDLER-ET	840003014526341						
SONNEK RETOOL JUMPY	840003012308581						
SONNEK SHAKES JETT	840003012308580						
SONNEK SHAKES JIGGY-WIT-IT	840003012308582						
SONNEK SHAKES JOYOUS	840003012308578						
SONNEK SHAKES JUPITOR-ET	840003012308576						
SONNEK SHAKESPEARE JULIET	840003012308575						1
SONNEK SHAN JOEY-ET	840003012308584						
SONNEK SHOTTLE ARCADIA	USA 136799450					C	
SONNEK SPERSNIC HELOISE-ET	USA 142149290						
SONNEK SUPERSONIC HILO-ET	USA 142371509						
SONNEK VETTE JITTER BUG-ET	840003012308585						
SONNEK VETTE JUNE BUG-ET	840003012308586						
SONNEK WICK KILOWATT-ET	840003014526386						
SONNEK WICKHAM KARA-ET	840003014526387						
SONNEK-ACRE GARRETT CHARLEY	USA 63249609						
SONNEK-ACRE ITO CRUM	USA 60982637						

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SONNEK-ACRE MM BUTTERCUP-TW	USA 63249588						
SONNEK-ACRE MM BUTTERFLY-TW	USA 63249589						
SONNEK-ACRE MOGUL CARMEL	USA 63249639						
SONNEK-ACRE ROY CRISP	USA 63249485						
SONNEK-ACRE SHOT LILL-TW	USA 73731785	C		C			
SONNEK-ACRE SHOT LIZZ-TW	USA 73731786						
SONNEN ELAND AJ GRACELYN	USA 136039718			C			
SONNEN FEVER S CLARISSA-ET	USA 141859710						
SONNEN-ACRES LKSD LIL-RED	USA 137552469						
SONNEN-SPRINGS SOVRGN SAM	USA 62368879						
SONNENBROOK ATWOOD BREE	USA 141677648						
SONNENBROOK DAMION FAITH-ET	840003128379943						
SONNENBROOK GCHIP BARBIE-ET	USA 74099297						
SONNENBROOK PRONTO JULIA	USA 140040063	C					
SONNENBROOK PRONTO KARI	USA 140364059						3
SONNYLEE ROY ALBANY	USA 137751167						
SONRAY-ACRES A LIMITN LUCY	840003014096159						
SONRAY-ACRES AL MOM CYCLONE	840003009311218						
SONRAY-ACRES AL MOM TURBINE	840003010401673						
SONRAY-ACRES AR GDCHIP JESS	840003009311220						
SONRAY-ACRES ATTACK WATTS	840003008695380						
SONRAY-ACRES AWESOME SHOCK	840003007308296			C			
SONRAY-ACRES B RWRD RUTH-TW	840003011726857						
SONRAY-ACRES BEACON CHRISTY	840003009311201					C	
SONRAY-ACRES BG PERRY BARB	840003010401692			C			
SONRAY-ACRES BLN SUPER SIDN	840003007947331						
SONRAY-ACRES BOGART BOOP	840003006423395			C			
SONRAY-ACRES BOGART FORCEFL	840003007947326	C		C			
SONRAY-ACRES BOL BOGRT ELEF	840003008695379						
SONRAY-ACRES BOL POTR GIGL	840003003026359						
SONRAY-ACRES BOOKEM FOUR G	840003009311203						
SONRAY-ACRES BTLR QUARTZ-ET	840003125567926					C	
SONRAY-ACRES DAHLIA CRI-ET	840003011817209						
SONRAY-ACRES DB HERO ATHENA	840003011471871						
SONRAY-ACRES DENIM QUIVER	840003011471861						
SONRAY-ACRES DISCOUNT GRACE	840003014096161						
SONRAY-ACRES DISCT KINETIC	840003125567921						
SONRAY-ACRES DSCOUNT NEBULA	840003125567932						
SONRAY-ACRES DUC TWIST PRTZ	840003007308294						
SONRAY-ACRES EPIC DEJA MOO	840003011471862						
SONRAY-ACRES EPIC MILKY WAY	840003010401690						
SONRAY-ACRES ERNHRT ROCKET	840003011726905						
SONRAY-ACRES ERNHT CORIOLIS	840003011726897						
SONRAY-ACRES FACEBK FRIEND	840003011471864						
SONRAY-ACRES FACEBOK AU RUS	840003011471863						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SONRAY-ACRES FLAME GLOW-ET	840003125567923						
SONRAY-ACRES GLX CASIOPI-ET	840003011726870						
SONRAY-ACRES GLX ELECTRA-ET	840003011726872						
SONRAY-ACRES GLXY FURUD-ET	840003011726873						
SONRAY-ACRES GLXY GIENAH-ET	840003011726885						
SONRAY-ACRES GLXY HADAR-ET	840003011726893						
SONRAY-ACRES HALGN CHLORINE	840003130830882						
SONRAY-ACRES HALOGEN BROMIN	840003125567908						
SONRAY-ACRES HALOGN ASTATIN	840003125567928						
SONRAY-ACRES JACEY SPLENDOR	840003125567907						
SONRAY-ACRES JACEY SURPRISE	840003014096160						
SONRAY-ACRES JASON CUMULUS	840003125567887						
SONRAY-ACRES KBOY AMARYLLIS	840003130830875						
SONRAY-ACRES KBOY DIADEM	840003130830874						
SONRAY-ACRES KINGBY HOSANNA	840003130830870						
SONRAY-ACRES KISSY KINGBOY	840003130830880						
SONRAY-ACRES LIMITN LIGHT	840003014096163			C			
SONRAY-ACRES LIMTN DAFFODIL	840003125567931			C			
SONRAY-ACRES LITHIUM EVE-ET	USA 71259257						
SONRAY-ACRES LITHIUM VIV-ET	USA 71259255					C	
SONRAY-ACRES M KINGB KIR-ET	840003125567903						
SONRAY-ACRES M KINGB NAL-ET	840003125567905					C	
SONRAY-ACRES M KINGB SAI-ET	840003125567900					C	
SONRAY-ACRES M PLANET YOURI	840003007947330						
SONRAY-ACRES M TIME GOBLIN	840003006423399						
SONRAY-ACRES MASSY AMALTHEA	840003011726906						
SONRAY-ACRES MAYFIELD MAIZE	840003011471868			C			
SONRAY-ACRES MC DI-ET	USA 71259274						
SONRAY-ACRES MCTHN VI-ET	USA 71259272						
SONRAY-ACRES MERIDN IDYLL	840003011726868						
SONRAY-ACRES MM LIESL LOCO	840003008695375						
SONRAY-ACRES MNEVNT BEV-ET	840003130830866						
SONRAY-ACRES MNTREY SPROUT	840003130830864						
SONRAY-ACRES MOGL MARCIA-ET	840003125567935						
SONRAY-ACRES MOGUL FERMI-ET	840003014096146	C		C			
SONRAY-ACRES MOGUL GALACTIC	840003130830867						
SONRAY-ACRES MOGUL MARIE-ET	840003014096147			C			
SONRAY-ACRES MOGUL ZUZU-ET	840003014096148	C		C			
SONRAY-ACRES MOM DAHLIA	840003008695372						
SONRAY-ACRES MOM SHICHI	840003009311204						
SONRAY-ACRES MOM TANGO WOW	840003014096150						
SONRAY-ACRES MONTRS CARMEL	840003130830883						
SONRAY-ACRES MONTRY JOSI-ET	840003125567895						
SONRAY-ACRES MOO GOT TROY D	840003130830884						
SONRAY-ACRES MRN OMAN CHEER	840003006099401			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SONRAY-ACRES MTRY GRANBI-ET	840003130830861						
SONRAY-ACRES MTRY HAPPY-ET	840003130830860						
SONRAY-ACRES MTRY LEIGH-ET	840003130830859						
SONRAY-ACRES NFT OBSERV NEW	840003007947333						
SONRAY-ACRES NMNE SPARKL-ET	840003125567929					C	
SONRAY-ACRES O PLANET JUPTR	840003006099412						
SONRAY-ACRES OLEGANT EUNIQU	840003011471859						
SONRAY-ACRES OM TIME LEADER	840003008695376						
SONRAY-ACRES OMN WYND TIME	840003007947328			C			
SONRAY-ACRES ON DENIM GULP	840003011471860						
SONRAY-ACRES P ATTACK HOOK	840003009311202						
SONRAY-ACRES PERRY TROIKA	840003010401689						
SONRAY-ACRES PLANET MERCURY	840003006099397						
SONRAY-ACRES PLN COLT MAIR	840003011471866						
SONRAY-ACRES PON TOYS DILLY	840003007308291						
SONRAY-ACRES POTR AL MONA	840003007308287						
SONRAY-ACRES PRD LIBRTY-ET	840003014096141						3
SONRAY-ACRES PRD NDPNDNC-ET	840003014096140						
SONRAY-ACRES PRD RVOLUTN-ET	840003014096139						
SONRAY-ACRES PTR DOTSN EMMA	840003007308283						
SONRAY-ACRES PTRN ALMOND-ET	840003011471876					C	
SONRAY-ACRES PTRN CRYSTL-ET	840003011471870					C	
SONRAY-ACRES R NIFTY STELLA	840003003026344						
SONRAY-ACRES R SHOTT STAR	USA 62521591					C	
SONRAY-ACRES R SHRK DUSK	USA 63738413						
SONRAY-ACRES REWARD PEONY	840003011726886						
SONRAY-ACRES ROBUST PASSION	840003130830876						
SONRAY-ACRES RUBICN VINTAGE	840003130830887						
SONRAY-ACRES RWD MADELIN-TW	840003011726900						
SONRAY-ACRES RWD STRM NORMA	840003011471875						
SONRAY-ACRES RWRD BLACKJACK	840003011726887						
SONRAY-ACRES RWRD NAOMI-TW	840003011726858						
SONRAY-ACRES SHAMROCK HOLLY	840003011471869						
SONRAY-ACRES SHAMROCK TAMMY	840003010401679	C		C			
SONRAY-ACRES SHMROC MARTINA	840003009311206						
SONRAY-ACRES SHOT SOCRTS PI	840003004750691					C	
SONRAY-ACRES SHOT SUPR KRYL	840003007947341						
SONRAY-ACRES SHT MARVL MYRT	840003007947336	C					
SONRAY-ACRES SMK MEDUSA	840003014096158						
SONRAY-ACRES SOC MOGUL KHAN	840003011726867					C	
SONRAY-ACRES SOC OBSERVR VI	840003007947339					C	
SONRAY-ACRES STRMC SHOT FLO	USA 62521586						
SONRAY-ACRES SUPRSR SASAFRS	840003011726892						
SONRAY-ACRES SUPSR HAZEL-ET	840003011726869						
SONRAY-ACRES TANGO BOBBIE	840003125567913		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SONRAY-ACRES TANGO FOXY	840003125567909						
SONRAY-ACRES TANGO LICORICE	840003014096162						
SONRAY-ACRES TROY HELEN-ET	840003125567898						
SONRAY-ACRES TWIST PEPRMINT	840003007308295					C	
SONRAY-ACRES UNO FRACTAL-ET	840003125567927						
SONRAY-ACRES UNO INVERSE-ET	840003011726898						
SONRAY-ACRES UNO MATRIX-ET	840003011726879						
SONRAY-ACRES UNO PARALAX-ET	840003011726903						
SONRAY-ACRES UNO QUANTUM-ET	840003011726894						
SONRAY-ACRES UNO TANGENT-ET	840003011726883						
SONRAY-ACRES VERDIGRIS HILL	840003014096134						
SONRAY-ACRES WZ DOUGLS LISA	840003008695385						
SONRAY-ACRES YODER NOODLE	840003130830889						
SONRAY-ACRES YODER TREK	840003130830881						
SONRAY-ACRES YODR MAD MOODY	840003130830893						
SOONER ALEXANDER POPPY	840003005713086						1
SOONER MAYFIELD LILY-ET	840003009219332						
SOONER PLANET LIEV	840003005713088						
SOUTH-BROOK ADALENE-ET	USA 73112224						
SOUTH-BROOK AIRLIFT ASPEN	USA 73112227						
SOUTH-BROOK ATWOOD PIZZA	USA 70838656						
SOUTH-BROOK CAVIAR ADA	840003131677145						
SOUTH-BROOK DEFENDER BINKIE	840003131677138						
SOUTH-BROOK HEADLINR BECKIE	USA 72340732						
SOUTH-BROOK LAD ADEEN P-RED	USA 70838661						
SOUTH-BROOK MGL ARIEL-ET	USA 70838665						1
SOUTH-BROOK MGL ATLEE-ET	USA 70838664						1
SOUTH-BROOK MOGUL ALICE-ET	USA 70838666						1
SOUTH-BROOK RPTN ANGELA-ET	840003131677141						
SOUTH-BROOK RPTN ANNA-ET	840003131677139						
SOUTH-BROOK SS DAISY DID	USA 73112231						
SOUTH-BROOK SUNTAN ALILIA	USA 72340733						
SOUTH-MONT BOGART ROXY	USA 69301923						
SOUTH-MONT MANDER EKKY	USA 69301936						
SOUTH-MONT PERRY HANNAH	USA 72458422						
SOUTH-MONT PETRONE REBEL	USA 72458424						
SOUTH-MONT PETRONE TIPPY	USA 71159445			C			
SOUTH-MONT PHOENIX DEBBIE	USA 69301933						
SOUTH-MONT S-ROCK TAYLOR-ET	USA 71159391			C			
SOUTH-MONT SHAMROCK HAYLEE	USA 72458441						
SOUTH-MONT SHAMROCK ROXY	USA 71159378	C					
SOUTH-MONT SHOT TRACER	USA 69301921			C			
SOUTH-MONT SUPER HIEDIE-TW	USA 69301926						
SOUTHERN-HILLS ARBR CHARISH	USA 140161281						
SOUTHERN-HILLS BK BRECCA-ET	USA 141898717						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOUTHERN-HILLS BRAXTN MONEY	USA 140953756		C				
SOUTHERN-HILLS BROOKE-ET	USA 141941376						
SOUTHERN-HILLS BURNS SAUVE	USA 141205203		C				3
SOUTHERN-HILLS FR BRIANA-ET	USA 141891363						
SOUTHERN-HILLS LEVI BRIANNA	USA 142121962			C			
SOUTHERN-HILLS M BEYONCE-ET	USA 142252815						
SOUTHERN-HILLS MF CAROLINE	USA 142105524			C			
SOUTHERN-HILLS NOLA-RED-TW	USA 142121944						
SOUTHERN-HILLS RN DELLA-RED	USA 142121926						1
SOUTHERN-HILLS S BENTLEY-ET	840003011589662						
SOUTHERN-HILLS SAT BONNI-ET	USA 142627833						
SOUTHERN-HILLS SHAM BEAUTY	USA 141555081						
SOUTHERN-HILLS SHOCK CAMRY	USA 140955020						
SOUTHERN-HILLS SHROCK BLUSH	USA 141668624						
SOUTHERN-HILLS SS BANJO-ET	USA 142431274						
SOUTHERN-HILLS SS BEANIE-ET	USA 142431292						
SOUTHERN-HILLS SS BUNNY-ET	USA 142431283						
SOUTHERN-HILLS SYMP BEBE-ET	USA 142757619						
SOUTHERN-HILLS SYMP BELA-ET	USA 142757628						
SOUTHERN-HILLS YNG BELLA-ET	USA 141668651						
SOUTHERN-HILLS YNG BRADI-ET	USA 141676245						
SOUTHKIMM BOMBERO ALLIE-ET	840003127897295						
SOUTHKIMM BOMBERO CAROL-ET	840003127897293						
SOUTHKIMM BOMBERO GARNET-ET	840003127897294						
SOUTHKIMM BOMBERO JANET-ET	840003127897296						
SOUTHKIMM DELTA ALEXA-ET	840003131052146						
SOUTHKIMM DELTA AMELIA-ET	840003131052161			C			
SOUTHKIMM DELTA BLUE-ET	840003127897341						
SOUTHKIMM DELTA CAIRO-ET	840003127897343						
SOUTHKIMM DELTA DAWN-ET	840003127897342						
SOUTHKIMM DELTA GEMMA-ET	840003127897348						
SOUTHKIMM DELTA JOMO-ET	840003127897345						
SOUTHKIMM DELTA JUBA-ET	840003131052148						
SOUTHKIMM DELTA KELLY-ET	840003127897346						
SOUTHKIMM DELTA KISUMU-ET	840003127897347						
SOUTHKIMM DELTA LATAVIA-ET	840003127897349						
SOUTHKIMM DELTA LETOYA-ET	840003131052147						
SOUTHKIMM DELTA MAYA-ET	840003127897344						
SOUTHKIMM DELTA SKY	840003127897340						
SOUTHKIMM FOXSONG FANCY-ET	840003127897335						
SOUTHKIMM FOXSONG NANCY-ET	840003127897336						
SOUTHKIMM JOSUPER LILY-ET	840003127897314						
SOUTHKIMM KINGBOY ADELLA-ET	840003127897298						
SOUTHKIMM KINGBOY ALANA-ET	840003127897306						
SOUTHKIMM KINGBOY ARIEL-ET	840003127897297						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOUTHKIMM KINGBOY LEIA-ET	840003127897320						
SOUTHKIMM LOTTOMAX SARAH-ET	840003127897305						
SOUTHKIMM M EVENT BRYONY	840003131052150						3
SOUTHKIMM M EVENT CIARA-ET	840003127897327						
SOUTHKIMM M EVENT COCO-ET	840003127897326						
SOUTHKIMM M EVENT MINAJ-ET	840003127897325						
SOUTHKIMM M EVENT MISSY-ET	840003127897324						
SOUTHKIMM MASCAL AVON-ET	840003127897331						
SOUTHKIMM MASCAL MABEL-ET	840003127897329						
SOUTHKIMM MASCAL MARYKAY-ET	840003127897332						
SOUTHKIMM MASCAL REVLON-ET	840003127897330						
SOUTHKIMM MONTEREY LANA-ET	840003127897310						
SOUTHKIMM MONTEREY LUNA-ET	840003127897309						
SOUTHKIMM OCTAVIAN LEXIE-ET	840003127897319						
SOUTHKIMM OCTAVIAN NIKKI-ET	840003127897333						
SOUTHKIMM RACER DANICA	840003127897316						
SOUTHKIMM RUBICON NILE-ET	840003131052153						
SOUTHKIMM RUBICON PITON-ET	840003131052156			C			
SOUTHKIMM RUBICON RIVER-ET	840003131052151						
SOUTHKIMM RUBICON SANAGA-ET	840003131052152						
SOUTHKIMM RUBICON SIERRA-ET	840003131052154			C			
SOUTHKIMM RUBICON ZAMBIA-ET	840003131052155						
SOUTHKIMM SILVER BEYONCE	840003127897334						
SOUTHKIMM SILVER DASANI	840003131052149						
SOUTHKIMM SILVER EMERALD-ET	840003127897323						
SOUTHKIMM SILVER GINA-ET	840003127897318						
SOUTHKIMM SPARK MIDNIGHT-ET	840003127897338						
SOUTHKIMM SPARK MOON-ET	840003127897339						
SOUTHKIMM SPARK STAR-ET	840003127897322						
SOUTHKIMM SPRING MEADOW-ET	840003127897308						
SOUTHKIMM SPRING OPAL-ET	840003127897307						
SOUTHKIMM SSHOT BEATRICE-ET	840003127897299						
SOUTHKIMM SSHOT CLOVER-ET	840003127897321						
SOUTHKIMM SSHOT LACEY-ET	840003127897304						
SOUTHKIMM SSHOT LAURA-ET	840003127897300						
SOUTHKIMM SSHOT LAYLA-ET	840003127897303						
SOUTHKIMM SSHOT LEONA-ET	840003127897301						
SOUTHKIMM SSHOT LILA-ET	840003127897302						
SOUTHKIMM SUPERSIRE SONG-ET	840003131052158						
SOUTHKIMM YODER JULIE-ET	840003131052157						
SOUTHKIMM YODER MYA-ET	840003131052160						
SOUTHKIMM YODER ROSE-ET	840003131052159						
SOUTHLAND CAROLA 7	NLD 469566877						
SOUTHLAND DELLIA 120	NLD 487267479						
SOUTHLAND DELLIA 130	NLD 416187409						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SOUTHLAND DELLIA 152	NLD 487967935						
SOUTHLAND DIENA 122	NLD 469566769						
SOUTHLAND GOLDW SHARON 2	NLD 438266092						1
SOUTHLAND LAWN B MASSIA9	NLD 519168521						1
SOUTHLAND MASSIA 16	NLD 719871021						3
SOUTHSIDE DORCY IVA	USA 72643580						
SOUTHSIDE GENOM MARGAUX	USA 72643590						
SPARKLE OSMOND ZIA	USA 141879666						
SPARKLE-STREAM ADVENT BELLA	USA 60623086						
SPARKLE-STREAM BRUNO BRYNNE	USA 69567533			C			1
SPARKLE-STREAM COOPER BANJO	USA 60622920						
SPARKLE-STREAM HERO BABS-ET	USA 69567570						
SPARKLE-STREAM MONTR BERNIE	USA 60623018						
SPARKLE-STREAM OUTSIDE BARB	USA 60622981		C				
SPARKLE-STREAM PCH BERRY-ET	USA 69567622						
SPARKLE-STREAM PNCH BESS-ET	USA 69567589						
SPARKLE-STREAM PNCH BETH-ET	USA 69567591						
SPARKVIEW INFERNO IZZIE-RED	USA 65978405						
SPECHT 105 CASUAL ADDALYN	USA 72289207						
SPECHT 105 JOSUPER MILLIE	USA 74563638						
SPECHT 192 DORCY MYCALA-ET	USA 70303454						
SPECHT 237 MONTEREY MARLEE	USA 74563662			C			
SPECHT 287 JOSUPER ADRINA	USA 74563595						
SPECHT 85 LEVI LAYNEE	USA 71384071			C			
SPECHT 85 LEVI LOLA-TW	USA 72289254			C			
SPECHT 85 LEVI ZOLA-TW	USA 72289253						
SPECTRUM ASTRO COZY-ET	USA 139487275						
SPEEK-NJ 1ST CHRISTMAS-ET	840003013279164						
SPEEK-NJ 586 DEV RAE-RED-ET	USA 73276808						
SPEEK-NJ AIR DEVONNA RAE-ET	USA 71619071						
SPEEK-NJ AIR DREAMER RAE-ET	USA 71619069						
SPEEK-NJ AIRNET DION RAE-ET	USA 71619065						
SPEEK-NJ ALCH FAITH-RED-ET	USA 56337275						1
SPEEK-NJ ALCHEMY DEVORIA-ET	USA 71619068						1
SPEEK-NJ ALCHEMY DOODLE-ET	USA 71619078						
SPEEK-NJ ALCHEMY DRASTIC-ET	USA 71619079						
SPEEK-NJ ALCHEMY FAVOR-ET	USA 56337297						1
SPEEK-NJ ALCHMY DELORIAN-ET	USA 71619077						1
SPEEK-NJ ANDIRON FLICKA	840003127066536						
SPEEK-NJ ARMTG DARBY RAE-ET	USA 70219343						
SPEEK-NJ ARMTG DIRBY RAE-ET	USA 70219342						
SPEEK-NJ ATWD DAISY RAE-ET	USA 70219295						
SPEEK-NJ ATWD DELLA RAE-ET	USA 70219296						
SPEEK-NJ BALISTO CITRIS-ET	USA 73390744						
SPEEK-NJ BALTIMOR RAVEN	USA 66901819						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ BAYONET CREDO	840003127066538						
SPEEK-NJ BEAU 4018-ET	USA 71996422						
SPEEK-NJ BEAU URSULA	USA 70219351					C	
SPEEK-NJ BETTY CROCKER-ET	USA 73242926						
SPEEK-NJ BKM DIAMOND RAE-ET	USA 70219320						
SPEEK-NJ BOMBERO 15682-ET	840003126918706						
SPEEK-NJ BOMBERO 15692-ET	840003126918716						
SPEEK-NJ BOOKEM DORY RAE-ET	USA 70219321						
SPEEK-NJ CAMERON DIAZ-ET	USA 71619089						
SPEEK-NJ CAMMY NEWTON-ET	USA 73242960						
SPEEK-NJ CAPTIAN CLIVE-ET	USA 72389245						
SPEEK-NJ CARLYRAE JEPSEN-ET	USA 71619112						
SPEEK-NJ CARMEN ELECTRA-ET	USA 71619114						
SPEEK-NJ CARNIE WILSON-ET	USA 71619129						
SPEEK-NJ CAROL CHANNING-ET	USA 71619102						
SPEEK-NJ CARRIE BRADSHAW-ET	USA 71619124						
SPEEK-NJ CARRIE FISHER-ET	USA 73242959						
SPEEK-NJ CARROT CAKE-ET	USA 71619117					C	
SPEEK-NJ CATFISH HUNTER-ET	USA 73242923						
SPEEK-NJ CATHY JEAN-ET	USA 73242925						
SPEEK-NJ CATHY JO-ET	840003129102592						
SPEEK-NJ CEE LO GREEN-ET	USA 73242912						
SPEEK-NJ CESER CHAVEZ-ET	USA 71619120						
SPEEK-NJ CHARLIE BROWN-ET	USA 72389246						
SPEEK-NJ CHARLIE DANIELS-ET	USA 73242922						
SPEEK-NJ CHARLIZE THERON-ET	USA 72389155						
SPEEK-NJ CHEDDAR CHEESE-ET	USA 71619115						
SPEEK-NJ CHEESECAKE-ET	USA 71619119					C	
SPEEK-NJ CHELSEA HANDLER-ET	USA 71619140						
SPEEK-NJ CHELSEA LATELY-ET	USA 72389237						3
SPEEK-NJ CHIP DAMZEL RAE-ET	USA 70219355						
SPEEK-NJ CHIP DAPHNE RAE-ET	USA 70219356						
SPEEK-NJ CHIP DAWN RAE-ET	USA 70219352						
SPEEK-NJ CHIP DONNA RAE-ET	USA 70219354						
SPEEK-NJ CHLOE KARDASH-ET	USA 72389236						
SPEEK-NJ CHLOE-ET	USA 143528641						
SPEEK-NJ CHOCOLATE CHIP-ET	USA 71619118						
SPEEK-NJ CHP DELIGHT RAE-ET	USA 70219353						
SPEEK-NJ CHRISTINA RICCI-ET	USA 73242921						
SPEEK-NJ CHRM DARLA RAE-ET	USA 70219297						1
SPEEK-NJ CHRM DEBBIE RAE-ET	USA 70219298			C			1
SPEEK-NJ CHUCKET NORRIS-ET	USA 71619096						
SPEEK-NJ CINDY CRAWFORD-ET	USA 71619092						
SPEEK-NJ CLAUDET COLBERT-ET	USA 71619101						
SPEEK-NJ CLAUDIA SHIFFER-ET	USA 72389239						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
SPEEK-NJ CLEOPATRA-ET	USA 143528650						
SPEEK-NJ COCO CHANEL-ET	USA 71619141			C			
SPEEK-NJ COLBIE CAILLAT-ET	USA 71619100						
SPEEK-NJ COLT DANICA RAE-ET	USA 70219367						
SPEEK-NJ COLT DARCEE-RED-ET	USA 71917199						
SPEEK-NJ COLT DEZI RAE-ET	USA 70219366						
SPEEK-NJ COLT DODIE RAE-ET	USA 70219365						
SPEEK-NJ COLT P DRIZZLE-ET	USA 71185055						
SPEEK-NJ COLT-P 310-ET	USA 71141828						
SPEEK-NJ COLT-P 320-RED-ET	USA 71141838						
SPEEK-NJ COLT-P 342-RED-ET	USA 71141860						
SPEEK-NJ COLT-P 343-RED-ET	USA 71141861						
SPEEK-NJ COMET	USA 72389175						
SPEEK-NJ COMETA-ET	840003013844671						
SPEEK-NJ COMETTA-ET	840003013844673						
SPEEK-NJ COMMANDER MAZDA-ET	840003127066501			C			
SPEEK-NJ COMMANDER MOLLY-ET	840003127066500						
SPEEK-NJ CONDI RACER-ET	USA 73242952						
SPEEK-NJ CONNIE CHUNG-ET	USA 71619138						
SPEEK-NJ COTTON CANDY-ET	USA 71619123					C	
SPEEK-NJ COURTNEY COX-ET	USA 71619088						
SPEEK-NJ CR TL UNO COMET-ET	USA 71619144						
SPEEK-NJ CROWN AZURE	USA 70219340			C			
SPEEK-NJ CRTL UN CUDDLES-ET	USA 71619145						
SPEEK-NJ CRTL UNO COSMIC-ET	USA 71619146						
SPEEK-NJ CURB APPEAL-ET	840003127066516						
SPEEK-NJ CURLY LAMBEAU-ET	USA 73242918						
SPEEK-NJ CYBIL SHEPARD-ET	USA 72389243						
SPEEK-NJ CYNDI LAUPER-ET	USA 73242924						
SPEEK-NJ DA MARIAH CAREY-ET	USA 71619128						
SPEEK-NJ DADDY DOLLY RAE-ET	USA 71619142		C				
SPEEK-NJ DAFFODIL RAE-ET	USA 70219370						
SPEEK-NJ DAGOBAH-ET	840003126621406						
SPEEK-NJ DAIQUIRI CRI-ET	USA 72115644						
SPEEK-NJ DAY ANN COULTER-ET	USA 71619130						
SPEEK-NJ DAY PATSY CLINE-ET	USA 71619127						
SPEEK-NJ DEDUCT COCKTAIL-ET	USA 73242930						
SPEEK-NJ DELTA SKYMILES-ET	840003127066524						
SPEEK-NJ DELUXIOUS RAE-ET	USA 70219319						
SPEEK-NJ DEPALI RAE-ET	USA 70219378						
SPEEK-NJ DESTRY QUEENY-RED	USA 70219359						
SPEEK-NJ DIAMOND INTEREST	USA 72389190					C	
SPEEK-NJ DIGIT RAE-ET	USA 70219377						
SPEEK-NJ DISNEY-ET	USA 71619122						
SPEEK-NJ DISTINCT COSMO-ET	USA 73390734						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ DOMAIN DELONNA RAE	USA 70219334						
SPEEK-NJ DOMAIN ELSIE-ET	USA 70219333						
SPEEK-NJ DOORS SKYFALL-ET	840003127066542					C	
SPEEK-NJ DORITO RAE-RED-ET	USA 70219317						1
SPEEK-NJ DORMN CASSY 456-ET	USA 72531581					C	
SPEEK-NJ DRMN CITRIC 454-ET	USA 72531579						
SPEEK-NJ DUCA CHRIS ROCK-ET	USA 73242920						
SPEEK-NJ EARNHART DITSY-ET	USA 72389154						
SPEEK-NJ EFFECT DEPOT-ET	USA 72389152						
SPEEK-NJ EFFECT DEZA RAE-ET	USA 72389162						
SPEEK-NJ EFFECT DIOR-ET	USA 72389150						
SPEEK-NJ EFFECT DOLBY-ET	USA 72389151						
SPEEK-NJ EPIC 351-ET	USA 71141869						
SPEEK-NJ EPIC 353-ET	USA 71141871						
SPEEK-NJ EPIC 354-ET	USA 71141872						
SPEEK-NJ EPIC 355-ET	USA 71141873						1
SPEEK-NJ EPIC 356-ET	USA 71141874						1
SPEEK-NJ EPIC 357-ET	USA 71141875						1
SPEEK-NJ FER BING CROSBY-ET	USA 71619109						
SPEEK-NJ FERNAND DENVER-ET	USA 71619105						
SPEEK-NJ FERNAND DEPP-ET	USA 71619106						
SPEEK-NJ FERNAND DICKENS-ET	USA 71619108						
SPEEK-NJ FERNAND DIVAC-ET	USA 71619116						
SPEEK-NJ FERNAND DUPREE-ET	USA 71619121						
SPEEK-NJ FRNAND DIMAGGIO-ET	USA 71619110						
SPEEK-NJ GNSOURCE SEND 3147	840003126775478						
SPEEK-NJ GOLDEN P COMET-ET	840003013844664						
SPEEK-NJ GOLDEN PP COMET-ET	840003013844649						
SPEEK-NJ GOLDWYN EVELYN-ET	USA 66459710						1
SPEEK-NJ HAL DETERMINED RAE	USA 73242934						
SPEEK-NJ HALOGEN DAZZLE RAE	840003127066503						
SPEEK-NJ IOTA 4000-ET	USA 71996404						
SPEEK-NJ IOTA 4007-ET	USA 71996411						
SPEEK-NJ IOTA ARIANA-ET	USA 70242726						
SPEEK-NJ IOTA ARRIELL-ET	USA 70242719						1
SPEEK-NJ IOTA DHARMA RAE-ET	USA 70219313						
SPEEK-NJ IOTA DIVA RAE-ET	USA 70219312						
SPEEK-NJ JABIR CALI-ET	USA 73516925						
SPEEK-NJ JABIR MAGGIE-ET	USA 73242933			C			
SPEEK-NJ JABIR MAYZIE-ET	USA 73242932						
SPEEK-NJ JACEY DIGNITY RAE	USA 73242945						
SPEEK-NJ JACKMAN DOTTIE-ET	USA 72389165			C			
SPEEK-NJ JACKMAN JULIET-ET	USA 72531621						
SPEEK-NJ JOSUPER CINDY-ET	840003126003469						
SPEEK-NJ JOSUPER CINEMA-ET	840003126003468						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ JOSUPER COLLECT-ET	840003126003467						
SPEEK-NJ KAN DESSERT RAE-ET	USA 73242931						
SPEEK-NJ KATIE CURIC-ET	USA 71619139			C			
SPEEK-NJ KELLY CLARKSON-ET	USA 71619094						
SPEEK-NJ KINGBOY CAROL-ET	840003126283347						
SPEEK-NJ KINGBOY CORA-ET	840003128057792						
SPEEK-NJ LATHORITY 7324-ET	840003010803771					C	1
SPEEK-NJ LATIMER DIBS-ET	USA 72389153						1
SPEEK-NJ LAUTHORITY 7329-ET	840003010803776						
SPEEK-NJ LAUTHORITY 7334-ET	840003010803781						1
SPEEK-NJ LAVA FLO	USA 71619084						1
SPEEK-NJ LEAF CINNABON	840003127066512						
SPEEK-NJ LG CAMI 508-ET	USA 73276730						
SPEEK-NJ LG CARLY SIMON-ET	USA 73242917						
SPEEK-NJ LG CATHY FOX-ET	USA 73242919						
SPEEK-NJ LG CECIL SHORTS-ET	USA 73242911						
SPEEK-NJ LG CHEV CHELIO-ET	USA 72389240						
SPEEK-NJ LG CUPCAKE-ET	USA 72389242						
SPEEK-NJ LG CUSTARD-ET	USA 73242914						
SPEEK-NJ LG DAMZEL-ET	USA 73242913						
SPEEK-NJ LG DARLENE-ET	USA 72389244						
SPEEK-NJ LG JULIE CHEN-ET	USA 72389241						
SPEEK-NJ LG SASHA COHEN-ET	USA 73242916						
SPEEK-NJ LITH DOLITTLE-ET	USA 72389159						
SPEEK-NJ LITH FRANCHESCA-ET	USA 71619143						
SPEEK-NJ LITHIUM DANNON-ET	USA 71619132						
SPEEK-NJ LITHIUM DARVA-ET	USA 72389149						
SPEEK-NJ LITHIUM DECOR-ET	USA 71619134						
SPEEK-NJ LITHIUM DESIRE-ET	USA 71619133						
SPEEK-NJ LITHIUM DIMPLE-ET	USA 71619136						
SPEEK-NJ LITHIUM DIVINE-ET	USA 72389160						
SPEEK-NJ LITHIUM FANTASY-ET	USA 72827439						
SPEEK-NJ LITHIUM FUSHIA-ET	USA 72446319						
SPEEK-NJ LONG DEVIN RAE-ET	USA 73242928						
SPEEK-NJ LRT G DAISY RAE-ET	840003128057785						
SPEEK-NJ M DAISY DREAM-ET	USA 142109199						
SPEEK-NJ M DREAM GENE-ET	USA 142109229						
SPEEK-NJ M DREAM KEEPER-ET	USA 142109201						
SPEEK-NJ MAC IMPACT-ET	USA 66901767						
SPEEK-NJ MAC INTRIGUE-ET	USA 66901784						
SPEEK-NJ MAN OMAN ROCKET-ET	USA 66901810						
SPEEK-NJ MARCIA CROSS-ET	USA 71619135						
SPEEK-NJ MASSEY MILADY	USA 72389163						
SPEEK-NJ MAYFIELD CARLY-ET	840003011619653			C			
SPEEK-NJ MAYFIELD COSMO-ET	USA 72288931			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
SPEEK-NJ MAYFIELD DELICIOUS	USA 72389169	C					
SPEEK-NJ MAYFIELD DORA-ET	USA 71619137			C			
SPEEK-NJ MNTREY CATNISS-ET	840003127066505						
SPEEK-NJ MOG CELINE DION-ET	USA 71619093						
SPEEK-NJ MOG MILEY CYRUS-ET	USA 71619090						
SPEEK-NJ MOG SHERYL CROW-ET	USA 71619095						
SPEEK-NJ MOGUL CALICO-ET	USA 56337182						
SPEEK-NJ MOGUL CREDIT-ET	840003127066531						
SPEEK-NJ MOGUL DALIA 370-ET	USA 71141888						
SPEEK-NJ MOGUL DELICA-ET	USA 71619081						
SPEEK-NJ MOGUL DEVIN-ET	USA 71619080						
SPEEK-NJ MOGUL DOTCOM-ET	USA 71619083						
SPEEK-NJ MOGUL DREAM-ET	USA 142109210						
SPEEK-NJ MOGUL DUCKY 378-ET	USA 71141896						
SPEEK-NJ MOGUL FABULOUS-ET	USA 72288930						
SPEEK-NJ MOGUL FAITH-ET	840003011130293						
SPEEK-NJ MOGUL FANCY-ET	USA 72827440						
SPEEK-NJ MOGUL FRECKLES-ET	USA 73425193						
SPEEK-NJ MOGUL MAE 392-ET	USA 71141910						
SPEEK-NJ MOGUL MAIYA 393-ET	USA 71141911						
SPEEK-NJ MOGUL MS FAITH-ET	USA 72483131						
SPEEK-NJ MOM FABULOUS-ET	USA 70784926						
SPEEK-NJ MOM FAITHFUL1-ET	USA 70784944						
SPEEK-NJ MONTERE CALIPSO-ET	840003132676860						
SPEEK-NJ MONTEREY CACHE-ET	840003127066533						
SPEEK-NJ MONTEREY CISCO	840003127066528						
SPEEK-NJ MONTEREY CRUMP-ET	840003127066532						
SPEEK-NJ MONTEREY DEEZA	840003127066526						
SPEEK-NJ MONTREY COMET-ET	840003131565400						
SPEEK-NJ MONTROSS MOODY-ET	USA 73242953			C			
SPEEK-NJ MUENSTER CHEESE-ET	840003126621436						
SPEEK-NJ MYFLD CHAMPAGNE-ET	USA 72288932			C			
SPEEK-NJ MYFLD CHARLOTTE-ET	840003011619655			C			
SPEEK-NJ N UNO DITZY 376-ET	USA 71141894						
SPEEK-NJ N UNO NALA 374-ET	USA 71141892						
SPEEK-NJ N UNO PANDA 377-ET	USA 71141895						
SPEEK-NJ NAOMI CAMPBELL-ET	USA 71619126						
SPEEK-NJ NOM CHEERIOS-ET	USA 73242942						
SPEEK-NJ NOMINEE CHEETOS-ET	USA 73242941						
SPEEK-NJ NOMINEE CHERRY-ET	USA 73242943						
SPEEK-NJ NOMINEE MARGE-ET	USA 73242947			C			
SPEEK-NJ NOMINEE MARLA-ET	USA 73242950						
SPEEK-NJ NOMINEE MERTLE-ET	USA 73242948						
SPEEK-NJ NOMINEE MIDGE-ET	USA 73242949						
SPEEK-NJ NUMBERO UNO 359-ET	USA 71141877						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ NUMBERO UNO 360-ET	USA 71141878						1
SPEEK-NJ NUMBERO UNO 361-ET	USA 71141879						1
SPEEK-NJ NUMBERO UNO 362-ET	USA 71141880						
SPEEK-NJ NUMBERO UNO 363-ET	USA 71141881						1
SPEEK-NJ OAK CAMERY 460-ET	USA 72531585						
SPEEK-NJ OBSERVER 4003-ET	USA 71996407						
SPEEK-NJ OBSERVER 4005-ET	USA 71996409						
SPEEK-NJ OBSERVER 4006-ET	USA 71996410						
SPEEK-NJ OBSERVER 4011-ET	USA 71996415						
SPEEK-NJ OBSERVER ALDINA-ET	USA 70784985						
SPEEK-NJ OBSERVER DANA	USA 70219308	C					
SPEEK-NJ ODADDY TAY 395-ET	USA 71141913		C				
SPEEK-NJ OLYM RUBES-RED-ET	USA 73242940						
SPEEK-NJ OLYM580 RAE-RED-ET	USA 73276802						
SPEEK-NJ OLYMPIAN 594 RA-ET	USA 73276816						
SPEEK-NJ OLYMPIAN COMETEER	840003127066510						
SPEEK-NJ OLYMPIAN RENA-ET	USA 73242938						
SPEEK-NJ OLYMPN RAE-RED-ET	USA 73242937						
SPEEK-NJ ONWARD INCOME-ET	USA 64721060					C	
SPEEK-NJ OST DIERDRA RAE-ET	USA 70219331			C			
SPEEK-NJ OSTYLE DENA RAE-ET	USA 70219332						
SPEEK-NJ PB SUNDAY SARAH-ET	840003125220976						
SPEEK-NJ PB SUNDAY SIRI-ET	840003125220975						
SPEEK-NJ PB SUNDAY SUNNY-ET	840003125220977						
SPEEK-NJ PENELOPE CRUZ-ET	USA 71619091						
SPEEK-NJ PENLEY SPAIN-ET	840003127066529						
SPEEK-NJ PENLEY SPANISH-ET	840003127066530			C			
SPEEK-NJ POWER SANGARIA-ET	840003127066511						
SPEEK-NJ PREDEST CARAMEL-ET	USA 72389235						3
SPEEK-NJ PREDEST COBBLER-ET	USA 72389234						
SPEEK-NJ PREDEST COOKIES-ET	USA 72389230						
SPEEK-NJ PREDEST CRUMPET-ET	USA 72389233						3
SPEEK-NJ PREDEST CUTIE-ET	USA 72389232						3
SPEEK-NJ PREDEST DIJON-ET	USA 72389238						
SPEEK-NJ PREDEST DINKY-ET	USA 72389231						
SPEEK-NJ RACER CERVEZA-ET	USA 73242951						
SPEEK-NJ RACER CHA CHING-ET	USA 73242944						
SPEEK-NJ RACER CHANDA-ET	840003125613884						
SPEEK-NJ RACER DAHLING-ET	USA 73242954						
SPEEK-NJ RACER FANCY	840003127066506						
SPEEK-NJ RACER MILEY-ET	USA 73242958						
SPEEK-NJ RAV DOROTHY RAE-ET	USA 70219293						
SPEEK-NJ RBT DELORES RAE-ET	USA 70219299						
SPEEK-NJ RDBRST FLICKER-RED	USA 72389168						1
SPEEK-NJ REDBURST REBEL	USA 72389164		C				1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ ROBBIE CANO-ET	USA 73242927						
SPEEK-NJ ROBUST ANGEL	USA 71619082						
SPEEK-NJ ROBUST FRANCIS	USA 70219316						
SPEEK-NJ SALARY ROSY-RED-TW	840003127066508						
SPEEK-NJ SALARY RUBY-RED-TW	840003127066507						
SPEEK-NJ SEN DENISE RAE-ET	USA 73242929						
SPEEK-NJ SHAM DAGMAR RAE-ET	USA 70219368						
SPEEK-NJ SHAM DAHLIA RAE-ET	USA 70219369						
SPEEK-NJ SHAM DAKOTA RAE-ET	USA 70219371						
SPEEK-NJ SHAM DELTA RAE-ET	USA 70219372						
SPEEK-NJ SHAM DENAE RAE-ET	USA 70219373						
SPEEK-NJ SHAM DOOZY RAE-ET	USA 70219375						
SPEEK-NJ SHAM DOVE RAE-ET	USA 70219374						
SPEEK-NJ SHAN CREDENCE-ET	USA 72389228						
SPEEK-NJ SHAN CREDENTIAL-ET	USA 72389227						
SPEEK-NJ SHAN CREDENZA-ET	USA 72389229						
SPEEK-NJ SHAN FRENCHIE	USA 72389156						
SPEEK-NJ SHELEGANT-ET	USA 64721056						
SPEEK-NJ SHOT ASIA-ET	USA 69898232					C	1
SPEEK-NJ SHOTLE ELEGANCE-ET	USA 66893963						
SPEEK-NJ SHOTTL BEATRICE-ET	USA 139864920					C	
SPEEK-NJ SHOTTLE ALDI-ET	USA 64720996						
SPEEK-NJ SHOTTLE ALDINE-ET	USA 64720995	C					
SPEEK-NJ SHOTTLE AVIS-ET	USA 64721010	C					
SPEEK-NJ SHOTTLE BRIDGET-ET	USA 139246643					C	
SPEEK-NJ SHOTTLE ELLEN-ET	USA 66390197					C	
SPEEK-NJ SHOTTLE EMILY-ET	USA 66459711						
SPEEK-NJ SHOTTLE OREO-ET	USA 66901759					C	
SPEEK-NJ SHTL NUMERO UNO-ET	USA 64721049					C	
SPEEK-NJ SIEMERS FAITH-ET	840003011130340						
SPEEK-NJ SIEMERS FAITHE-ET	840003011130309						
SPEEK-NJ SIEMERS FAYE-ET	840003011130299						
SPEEK-NJ SIEMERS FAYTH-ET	840003011130318						
SPEEK-NJ SIEMERS FAYTHE-ET	840003011130325						
SPEEK-NJ SILVER CASHMERE-ET	840003127066517						
SPEEK-NJ SLVER JEWEL7161-ET	840003131003240						
SPEEK-NJ SNFISH LUCY-RED-ET	840003127066535						1
SPEEK-NJ SNO DANIELLERAE-ET	USA 70219306						
SPEEK-NJ SNOW DOTTIE RAE-ET	USA 70219301			C			
SPEEK-NJ SP DELIGHT RAE-ET	USA 73928461			C			
SPEEK-NJ SPNG SUNNYSIDE-ET	840003134165439						
SPEEK-NJ SPR CURMUDGEON-ET	840003127066540						
SPEEK-NJ SPRING CLARA-ET	840003132676876						
SPEEK-NJ SPRING SNOWCONE-ET	840003127066541						
SPEEK-NJ SPRNG SUNBURST-ET	840003134165443						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPEEK-NJ SR DRUSILLA RAE-ET	USA 70219376						
SPEEK-NJ SUNFISH LINNY-ET	840003127066534						
SPEEK-NJ SUPER FATE-ET	USA 66901837						
SPEEK-NJ SUPER FRUITY-ET	USA 66901836						
SPEEK-NJ SUPER KAMIKAZI-ET	USA 70595758						
SPEEK-NJ SUPERS 624 SKYE-ET	USA 74260999						
SPEEK-NJ SUPERSHOT 6343-ET	840003127698519						
SPEEK-NJ SUPERSHOT 656-ET	USA 74261031						
SPEEK-NJ SUPERSHOT 657-ET	USA 74261032						
SPEEK-NJ SUPERSHOT CASH-ET	840003127066521						
SPEEK-NJ SUPERSIRE FROST-ET	USA 73419803						
SPEEK-NJ SWISS CHEESE-ET	840003126621416						
SPEEK-NJ SYMPATICO AUDREY	USA 72389187						
SPEEK-NJ SYMPATICO QUINCY	USA 72389161						
SPEEK-NJ UNO CAT STEVENS-ET	USA 71619111						
SPEEK-NJ UNO CHER-ET	USA 71619087						
SPEEK-NJ UNO CHEVY CHASE-ET	USA 71619099						
SPEEK-NJ UNO DANCE-ET	USA 71619098						
SPEEK-NJ UNO DAPHNE 391-ET	USA 71141909						
SPEEK-NJ UNO DARISSA RAE-ET	USA 71619063						1
SPEEK-NJ UNO DECKLYN-ET	USA 71619107						
SPEEK-NJ UNO DEE DEE RAE-ET	USA 71619056						
SPEEK-NJ UNO DEGENERES-ET	USA 71619103						
SPEEK-NJ UNO DELAINE RAE-ET	USA 71619055						
SPEEK-NJ UNO DELMI RAE-ET	USA 71619064						1
SPEEK-NJ UNO DELON-ET	USA 71619097						
SPEEK-NJ UNO DEMBI RAE-ET	USA 71619057						1
SPEEK-NJ UNO DEMELZA RAE-ET	USA 71619066						
SPEEK-NJ UNO DEMITA RAE-ET	USA 71619062						1
SPEEK-NJ UNO DEVIL RAE-ET	USA 71619054						1
SPEEK-NJ UNO DOLCE RAE-ET	USA 71619070						
SPEEK-NJ UNO DRINA RAE-ET	USA 71619067						
SPEEK-NJ UNO GLENN CLOSE-ET	USA 71619104						
SPEEK-NJ WDBK DEMICA RAE-ET	USA 70219325						2
SPEEK-NJ WILLPOWER CHIP-ET	USA 73276747						
SPEEK-NJ WILLPOWER CRUM-ET	USA 73276749	C					1
SPEEK-NJ WILLPOWER CRUSH-ET	USA 73276748						1
SPEEK-NJ WLLPWR CAMI 532-ET	USA 73276754	C					1
SPEEK-NJ WNDBRK ROBBIE-ET	USA 70219324						1
SPEEK-NJ WNDBRK ROXBIE-ET	USA 70219327						1
SPEEK-NJ YANO DANDY RAE-ET	USA 70219344						
SPEEK-NJ YANO DRAMA RAE-ET	USA 70219348						
SPENCERS JOKER 740	840003128656175						
SPERRY ATLANTIC 1588-TW	USA 73067851						
SPH YENNIE	DEU 666188938						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPIERDYKE MADAME WYN	CAN 7568531						
SPINNER DANCER MADDY	USA 72370034						
SPINNER EARNHARDT MARY-ET	USA 72369947						
SPLIT-LEVEL FINES GOOGLE-ET	USA 56577317						
SPLIT-MAPLE LAKE JELLY-RED	USA 136948685						
SPLITRAIL AUTOPILT BLAKE-TW	USA 72282715						
SPLITRAIL BRAXTON WIT-ET	USA 71503510						
SPLITRAIL G W ATWOOD TAMMI	USA 73933223					C	
SPLITRAIL HALEY BRAYDEN	USA 72282753						
SPOTLIGHT	DEU 1402815884			C		C	
SPOTLIGHT APPLE FARAH-RED	USA 69921471						1
SPOTLIGHT CHRIS FAITH	USA 72079007						
SPOTLIGHT DORCY FREEDOM	USA 72079033						
SPOTLITE-J ATT LACI-RED-ET	USA 142009471						
SPOTS-PRIDE GC GLAMOUR-ET	USA 71506044						
SPOTS-PRIDE GC GLITTER-ET	USA 71506046						
SPOTS-PRIDE GC GRAND-ET	USA 71506045						
SPOTS-PRIDE GCHIP GALAXY-ET	USA 71506036						
SPOTS-PRIDE GIDDY	840003013495096		C				3
SPOTS-PRIDE HVEZDA GABBANA	USA 71506030						
SPOTS-PRIDE MCHTCHEN GALAXY	840003013495144						
SPOTS-PRIDE MCTCH GALAXY-ET	USA 72278412						
SPOTS-PRIDE MCTCHEN GIFT-ET	USA 72278416						
SPRENG LA ADDISON BECKY	USA 131188789						
SPRENG WEIKER DURHAM KAT-ET	USA 132565811						
SPRING-BORN BONITA CRI-ET	USA 62030951						
SPRING-FE MR SAM ANIKA	USA 69127756						
SPRING-FED ARUDOLF LYRA-RED	USA 69329683						3
SPRING-FED JORDON KNISH	USA 61341625	C					
SPRING-FED LB RALLY-RED-ET	USA 66670538						
SPRING-FED REDLNR PEPSI-RED	USA 64247531						1
SPRING-GROVE DRHM DESIRE-ET	USA 61379512						
SPRING-GROVE M LEADR DIMPLE	USA 138887586						
SPRING-GROVE-DAIRY	USA 61311269						
SPRING-HAVEN CART SONYA	USA 140763429						
SPRING-HAVEN KAMPMAN ROBBIE	USA 140755554						
SPRING-LANE BWMARSH AMY-ET	USA 132929952	C					
SPRING-LAWN ABRAHAM AXVOLLY	USA 71505837						
SPRING-LAWN ADITION CA-YETH	USA 72912794						
SPRING-LAWN ADITION CAYATSY	USA 72912793						
SPRING-LAWN BUD AXTAZER	USA 71505915						
SPRING-LAWN DENIM AV-SOTH	USA 71505858						
SPRING-LAWN DENIM AYVYLVA	USA 71505849						
SPRING-LAWN ERDM AYPATSY-TW	USA 71505820						
SPRING-LAWN ERDM AYUATSY-TW	USA 71505821						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRING-LAWN ERDMAN AY-LANE	USA 71505833						
SPRING-LAWN ERDMAN AY-VETH	USA 70098552						
SPRING-LAWN FIREWAL DZ-ZETH	840003132379991			C			
SPRING-LAWN FRED YBCLOUD-ET	USA 68539226					C	
SPRING-LAWN FRED YU-SYLVA	USA 68539270						
SPRING-LAWN FRED YVQATSY	USA 68539291						
SPRING-LAWN FRED YVTETTY	USA 68539284						
SPRING-LAWN FRED YXTRETH	USA 68539305						
SPRING-LAWN FRED YXVAZER	USA 70098362						
SPRING-LAWN FRED YXVOLLY	USA 70098360						
SPRING-LAWN FRED ZCCLOUD	USA 70098372						
SPRING-LAWN FREDDIE YUQATSY	USA 68539206						
SPRING-LAWN GALAXY BXCLOUD	USA 71505975						
SPRING-LAWN GALAXY BZCLOUD	USA 71506017			C		C	
SPRING-LAWN KOLTON ZDCLOUD	USA 70098368					C	
SPRING-LAWN LEBRON AYDAISY	USA 71505910					C	
SPRING-LAWN LITHIUM CARAFIK	USA 72912796						
SPRING-LAWN LOTTO XVPOLLY	USA 68539139						
SPRING-LAWN LOTTO XVSAZER	USA 68539134						
SPRING-LAWN LOTUS DB-ZURE	840003132379994						
SPRING-LAWN LYNCH PK LATSY	USA 60319978						
SPRING-LAWN O-STYLE AY-VETH	USA 71505862			C			
SPRING-LAWN O-STYLE YU-RETH	USA 68539175						
SPRING-LAWN OSTY ZCLOUDB-ET	USA 70098470			C		C	
SPRING-LAWN OSTY ZCLOUDC-ET	USA 70098472			C			
SPRING-LAWN OSTY ZCLOUDD-ET	USA 70098474			C			
SPRING-LAWN OSTY ZCLOUDE-ET	USA 70098475						
SPRING-LAWN OSTY ZCLOUDF-ET	USA 70098479					C	
SPRING-LAWN PARKER AYCLOUD	USA 71505819					C	
SPRING-LAWN PERRY AY-VETH	USA 71505880						
SPRING-LAWN PERRY BZXLOUD	USA 71505956						
SPRING-LAWN SEBT B-SKIER-ET	USA 68539239						
SPRING-LAWN STYL ZCLOUDA-ET	USA 70098466					C	
SPRING-LAWN UMAN AXVAZER	USA 71505843						
SPRING-LAWN WOLFGAN DBAASTA	840003132380003						
SPRING-LAWN WOLFGAN DZYSURE	840003132380007						
SPRING-LAWN YANO ABSKIER	USA 71505826						
SPRING-LAWN YANO AYRAFIK	USA 71505824						
SPRING-LAWN YUNGLNG ZXCLOUD	USA 70098486						
SPRING-LAWN ZANZBAR DBZLOUD	USA 74421772			C			
SPRING-LAWN ZEPLIN CAYAZER	USA 73615546						
SPRING-LEH BRANCH JENNIE	USA 71110714						
SPRING-LEH GCHIP ZIPPO-ET	USA 71265957						
SPRING-LEH GOLD CHIP ZAN-ET	USA 69102171						
SPRING-LEH GOLD CHIP ZIM-ET	USA 69102173						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRING-LEH GOLD CHIP ZOE-ET	USA 69102174						
SPRING-LEH HEADLINER MASSEY	USA 71110716						
SPRING-LEH LADD P L-RED	USA 71110717						1
SPRING-LEH MOREY INDY	USA 71110715						
SPRING-RUN 203 CABRIOLT JAN	840003129104145						
SPRING-RUN 239 GUMDRUM	USA 72185971						
SPRING-RUN 246 AMROCER	840003129104140						
SPRING-RUN 246 ARIO	USA 72185972						
SPRING-RUN 246 DAWY	840003129104141						
SPRING-RUN 246 ELM	USA 72185975						
SPRING-RUN 246 JAVITA	840003129104139						
SPRING-RUN 246 LOMAX	USA 72185973						
SPRING-RUN 246 PAMRO PAMO	840003129104142						
SPRING-RUN BRUCE MARY	840003129104156						
SPRING-RUN BUXTON GLITTER	840003129104149						
SPRING-RUN CABRIOLET TRACEY	840003129104147						
SPRING-RUN CALLUM BELLCALL	USA 72185945						
SPRING-RUN CALLUM CALLMONEY	840003129104143	C					
SPRING-RUN CORY 195	USA 66559059						
SPRING-RUN HEADLINER HEADLI	USA 72185947	C					
SPRING-RUN JACEY NEPTUNE	USA 72185956						
SPRING-RUN KRISTOFF MARI-TW	USA 72185938						
SPRING-RUN LEADED LEWINKLE	840003129104151						
SPRING-RUN MAC 196	USA 66559060						
SPRING-RUN MANOMAN 193	USA 66559057						
SPRING-RUN MOGUL 246 ACID	USA 72185969						
SPRING-RUN MOGUL 246 ANN	USA 72185967						
SPRING-RUN MOGUL 246 CORI	USA 72185960						
SPRING-RUN MOGUL 246 DAWN	USA 72185963						
SPRING-RUN MOGUL 246 ELLIE	USA 72185968						
SPRING-RUN MOGUL 246 GOOFY	USA 72185962						
SPRING-RUN MOGUL 246 JAPAN	USA 72185964						
SPRING-RUN MOGUL 246 MISSY	USA 72185970						
SPRING-RUN MOGUL 246 SAL	USA 72185957						
SPRING-RUN MOGUL 246 TANISH	USA 72185974						
SPRING-RUN PERIWINKLE PRPAT	USA 72185954						
SPRING-RUN PERWINKLE PALMER	USA 72185955						
SPRING-RUN PLAT PUFFLE	840003129104154						
SPRING-RUN PORTER CAN	840003129104148						
SPRING-RUN PORTER PRETTY	USA 72185958						
SPRING-RUN PUFFER CRAYON	USA 72185951					C	
SPRING-RUN PUFFER LYNDA	USA 72185953					C	
SPRING-RUN PUFFER MOVER	USA 72185946					C	
SPRING-RUN SALIWINKLE-ET	USA 70342836						
SPRING-RUN SHAN CIDER	USA 72185950						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRING-RUN STOIC BRENDI	840003129104155						
SPRING-RUN SUDAN TUNER	USA 72185934						
SPRING-RUN SUDANISH BANISH	USA 72185961						
SPRING-RUN SUPER 190	USA 66559054	C					
SPRING-RUN SUPER 191	USA 66559055						
SPRING-RUN SUPER 194	USA 66559058	C					
SPRING-RUN SUPERSIRE GARNEY	USA 72185952						
SPRING-RUN TROY TROGIN	840003129104144						
SPRING-RUN YANO LYNNETTE	USA 70342834						
SPRING-STAR CAIRO CRI-ET	USA 72115660						
SPRING-STAR CANCUN CRI-ET	USA 72115661						
SPRING-STAR CAROLINA-ET	USA 71442681						1
SPRING-STAR CELTIC-ET	USA 70697779						
SPRING-STAR CICELY CRI-ET	USA 72115665						
SPRING-STAR KP JOURNAL-ET	USA 62389723						
SPRING-STAR OMAN JOSLINE-ET	USA 64523968						
SPRING-STAR PATRIOT CLEO-ET	USA 70697771						
SPRING-STAR POTTER JULIA-ET	USA 62660394						
SPRING-STAR RAMOS JIGSAW-ET	USA 65439888						
SPRING-STAR SHOTTLE JAZZIE	USA 62915191					C	
SPRING-STAR SHOTTLE JEWEL	USA 62660467						
SPRINGBREAK SANCHEZ RAE-ET	USA 72227653						
SPRINGBREAK SANCHEZ ROZ-ET	USA 72227654						
SPRINGCROFT LINJET CRISTY	USA 127625384						
SPRINGHILL-OH A CLOUDBURST	USA 71442735						
SPRINGHILL-OH ALAN CHANTELE	USA 68781049						
SPRINGHILL-OH ALAN JAMBOREE	USA 68781084						
SPRINGHILL-OH AMERICA-ET	USA 70697789			C			
SPRINGHILL-OH ATWOOD FLASH	840003126504930						
SPRINGHILL-OH AVERY ADA-ET	USA 70697764			C			
SPRINGHILL-OH AW AMERICA-ET	840003126504991						
SPRINGHILL-OH AW CHERISH-ET	USA 69605396						
SPRINGHILL-OH AW CIERRA-ET	840003126505010						
SPRINGHILL-OH B INDIGO-ET	USA 71442754						
SPRINGHILL-OH B IRELIE-ET	USA 71442733						
SPRINGHILL-OH B JAMBOREE	USA 70697736			C			
SPRINGHILL-OH BEN XANDRA	USA 71988062		C				
SPRINGHILL-OH BOLT WHISKEY	USA 64523939						
SPRINGHILL-OH BOLTON REPEAT	USA 63856016			C			
SPRINGHILL-OH BROKAW JOSIE	840003126504919						
SPRINGHILL-OH BUCKEYE WILDS	USA 64523919						
SPRINGHILL-OH CADET CHER-ET	USA 68780999						
SPRINGHILL-OH CAMELOT TYRA	USA 70125310						
SPRINGHILL-OH CHAP ANNABEL	USA 71442721						
SPRINGHILL-OH CHEETAH P	USA 71987991						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRINGHILL-OH CHEVROLET XAN	840003126504944		C				
SPRINGHILL-OH CHINAS PLAN	USA 71442689						
SPRINGHILL-OH CLARK IRON B	840003126504924						
SPRINGHILL-OH CLOUDBURST-TW	USA 61869649						
SPRINGHILL-OH CLOUDY DAY-ET	840003013434114						
SPRINGHILL-OH CLOUDY SKY-ET	840003013434115						
SPRINGHILL-OH COLT WHOA-RED	USA 70697752						
SPRINGHILL-OH CORVETTE RAYE	840003013434144						
SPRINGHILL-OH CROWN LILLY-P	840003126504929						1
SPRINGHILL-OH D ALEESHA-ET	USA 70125281		C				
SPRINGHILL-OH D CHARLIZ-RED	USA 70125344						3
SPRINGHILL-OH D GRENADA-ET	USA 61192046						
SPRINGHILL-OH DAKKER WHITZ	USA 71442669						1
SPRINGHILL-OH DAMIONS SKY	USA 65439895						
SPRINGHILL-OH DEFENDER CALE	840003013434134						
SPRINGHILL-OH DEFENDER HAIL	840003013434136						
SPRINGHILL-OH DEFENDER WISH	840003013434130						
SPRINGHILL-OH DEST ANNA-RED	USA 69258400						1
SPRINGHILL-OH DEST GALA-RED	USA 70125339						1
SPRINGHILL-OH DIE-HARD TINE	USA 66576886						
SPRINGHILL-OH DOLLARS ADORA	840003013434083			C			
SPRINGHILL-OH DOLLARS ARIEL	USA 71988059			C			
SPRINGHILL-OH DOLLARS AZURE	USA 71988065			C			
SPRINGHILL-OH DOLLARS WINNE	840003013434071						
SPRINGHILL-OH DORCY WANDA	USA 69605410			C			
SPRINGHILL-OH DURHAM GLOW	USA 60745384						
SPRINGHILL-OH ELEVEN A-ET	USA 70697737			C			
SPRINGHILL-OH ELIZABETH	USA 71442695						
SPRINGHILL-OH EMORY EXCEPT	USA 61536174			C			
SPRINGHILL-OH FBI IRON J	USA 63279204						
SPRINGHILL-OH FD JIPSEE-ET	USA 68781085						
SPRINGHILL-OH FD JOYOUS-ET	USA 68781069						
SPRINGHILL-OH FIREBIRD LIMA	USA 71442664						
SPRINGHILL-OH FREDDIE NAOMI	USA 69605347						
SPRINGHILL-OH GC CRYSTAL-ET	USA 71442738	C					
SPRINGHILL-OH GLITTER-ET	USA 70697774						
SPRINGHILL-OH GOING BLOG	USA 71442673					C	
SPRINGHILL-OH GOLD JEWEL-ET	USA 66576937						
SPRINGHILL-OH GRAFEETI CHEN	USA 70697766						1
SPRINGHILL-OH HALO CLOUD	840003013434123						
SPRINGHILL-OH HALOGEN JOINT	840003013434120						
SPRINGHILL-OH HERO LOLLIPOP	USA 71442743						
SPRINGHILL-OH HILL ASTRA-ET	USA 70697735			C			
SPRINGHILL-OH HOLLIE-ET	USA 71988054						
SPRINGHILL-OH HONOR-ET	USA 71988055						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRINGHILL-OH ILLUSION-ET	840003132783131						
SPRINGHILL-OH IOTA JUDITH	USA 70697785						
SPRINGHILL-OH IRON JEOPARDY	USA 61869722						
SPRINGHILL-OH IRON JP-ET	USA 66576940						
SPRINGHILL-OH ISABELLA	840003013434076						
SPRINGHILL-OH ITALIA CAREY	USA 70697717	C					
SPRINGHILL-OH J LO-ET	USA 71442658						
SPRINGHILL-OH JARICA-ET	USA 71987990			C			1
SPRINGHILL-OH JAZLYN-ET	USA 71987994			C			1
SPRINGHILL-OH JEEVES HOWDEE	USA 66576932						
SPRINGHILL-OH JENNIFER-ET	USA 68781092						
SPRINGHILL-OH JERUSHA-ET	USA 71987988			C			1
SPRINGHILL-OH JS TUNDRA-ET	USA 63279214						
SPRINGHILL-OH KALIEDOSCOPE	USA 66948216						
SPRINGHILL-OH KB WHISKEY-ET	840003126504952			C			
SPRINGHILL-OH KB WHITLEY-ET	840003126504948						
SPRINGHILL-OH KB WHITNEY-ET	840003126504950						
SPRINGHILL-OH L IMAGINARY	USA 71442724						
SPRINGHILL-OH LARSON HYBRID	USA 71442684		C				3
SPRINGHILL-OH LAYNE RENEE	USA 71442744						
SPRINGHILL-OH LB SARCASTIC	USA 65439973						
SPRINGHILL-OH LINER TEQUILA	USA 71988006						
SPRINGHILL-OH LITHIUM CASS	USA 71987992						
SPRINGHILL-OH LITHIUM CURE	USA 71988028						
SPRINGHILL-OH LONDON	USA 71442667		C				
SPRINGHILL-OH LOT REACTION	USA 62126232						
SPRINGHILL-OH M ANNABELL-ET	USA 68781014						
SPRINGHILL-OH M ANNETTE-ET	USA 68781012			C			
SPRINGHILL-OH M JESSICA-ET	USA 68781015		C				
SPRINGHILL-OH M JOANNA-ET	USA 68781018		C				
SPRINGHILL-OH M LOCKET-ET	USA 65439972			C			
SPRINGHILL-OH M LUXURY-ET	USA 66012462			C			
SPRINGHILL-OH M WHISPER-ET	USA 71988016			C			
SPRINGHILL-OH M WINSOME	USA 71988020						
SPRINGHILL-OH MAC CLOUDS-ET	USA 64523921						
SPRINGHILL-OH MACK ANNA-ET	840003013434075						
SPRINGHILL-OH MACK APPLE	840003013434103						
SPRINGHILL-OH MACK CUDDLES	840003013434109						
SPRINGHILL-OH MAGNUS CABANA	USA 71442708						
SPRINGHILL-OH MAN-O-MAN JEM	USA 69258333						
SPRINGHILL-OH MAURICE WHIZZ	USA 71988032			C			
SPRINGHILL-OH MC CANDYCANE	USA 71988000						
SPRINGHILL-OH MCCANN SHIFT	840003013434167						
SPRINGHILL-OH MD ALEXANDRA	840003126504966			C			
SPRINGHILL-OH MICHAEL THEME	USA 66576889						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRINGHILL-OH MILL JOSEY-ET	USA 68781083						
SPRINGHILL-OH MISS CLOUDS	USA 71988001						
SPRINGHILL-OH MO STUDIO	USA 71988015						1
SPRINGHILL-OH MOGUL BLONDIE	USA 71988029						
SPRINGHILL-OH MOGUL CASSIDY	USA 71442693						
SPRINGHILL-OH MOGUL IRON J	840003013434163						
SPRINGHILL-OH MOHAWK CARLY	840003013434143			C			
SPRINGHILL-OH MONTROSS ALEE	840003013434162						
SPRINGHILL-OH MORGAN NOTIFY	USA 71988019						
SPRINGHILL-OH MULTIPLY ANET	840003013434135						
SPRINGHILL-OH OBSERVE WINNE	USA 70697739						
SPRINGHILL-OH OBSRVER HOBBY	USA 66918093						
SPRINGHILL-OH OBSRVR RELISH	USA 70284489			C			
SPRINGHILL-OH OLIVIA-RED-ET	USA 70697728						
SPRINGHILL-OH OMAN ANETT	USA 62660388			C			
SPRINGHILL-OH OMAN CURL-ET	USA 61869715						
SPRINGHILL-OH OMAN GARNET	USA 62389675						
SPRINGHILL-OH OMAN LASSIE	USA 62389676			C			
SPRINGHILL-OH OMAN RELIC	USA 61869680			C			
SPRINGHILL-OH OMAN RITZ	USA 61869704						
SPRINGHILL-OH OMAN ROSABELL	USA 62126195			C			
SPRINGHILL-OH OMAN WHISTLE	USA 62126151						
SPRINGHILL-OH ONYX STUDIO	USA 62389641						
SPRINGHILL-OH OUT HANNAH-ET	USA 61692399		C				
SPRINGHILL-OH P CALYPSO	USA 70697704						
SPRINGHILL-OH P CHARADE-ET	USA 64524002						
SPRINGHILL-OH P HAILEY-ET	USA 71988053						
SPRINGHILL-OH P HELENA-ET	USA 71988042						
SPRINGHILL-OH P HERMOSA-ET	USA 71988045						
SPRINGHILL-OH P IRON J-ET	USA 66576946						
SPRINGHILL-OH P JORDAN-ET	USA 71442662						
SPRINGHILL-OH P WILMA-ET	840003013434096						3
SPRINGHILL-OH PALERMO LILY	USA 69404337						
SPRINGHILL-OH PETRONE TAYZA	USA 71442727						
SPRINGHILL-OH PLANET COMIC	USA 66948226						
SPRINGHILL-OH PLANET LAS-ET	USA 66012512						
SPRINGHILL-OH PONTIAC KITTY	USA 63856035						
SPRINGHILL-OH POTTER LILAC	USA 62389696						
SPRINGHILL-OH PRENT CARA-ET	USA 68781082						
SPRINGHILL-OH PRENTICE CLUE	USA 68781074						
SPRINGHILL-OH PS JEWEL-ET	USA 66948196						
SPRINGHILL-OH RAMOS RIKI-ET	USA 66012542						
SPRINGHILL-OH REAL COCO-RED	USA 66948212						1
SPRINGHILL-OH RHIANNA	USA 71442696						
SPRINGHILL-OH ROCK ARIANNE	USA 70697713			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRINGHILL-OH ROCK CARLY	USA 70697723						
SPRINGHILL-OH ROCK HOLLY-ET	USA 71442675						
SPRINGHILL-OH ROCK HOPE-ET	USA 71442674						
SPRINGHILL-OH ROSABELLS-ET	USA 66576876						
SPRINGHILL-OH ROZABELLE-ET	USA 66576878						
SPRINGHILL-OH S COURTNEY-ET	USA 68781023						
SPRINGHILL-OH S JAMAICA-ET	USA 70697778						
SPRINGHILL-OH S JEWELS-ET	USA 66948187					C	
SPRINGHILL-OH S RAINBOW	USA 71442756						
SPRINGHILL-OH S WENDY-ET	USA 71988050						
SPRINGHILL-OH S WINNIE-ET	USA 71988052		C				
SPRINGHILL-OH SBN CLOVE 752	USA 141774961						
SPRINGHILL-OH SHAMROCKSHAKE	USA 70697773						
SPRINGHILL-OH SHAN CEDAR	840003013434069						
SPRINGHILL-OH SHOTTLE TASTE	USA 63279211					C	
SPRINGHILL-OH SIGN KARMEN	USA 69258389						
SPRINGHILL-OH SKY STORMY-ET	USA 62126164						
SPRINGHILL-OH SM COTTON-ET	USA 61191980						
SPRINGHILL-OH SPUR CABANA	USA 71442714			C			
SPRINGHILL-OH SPUR WINKING	USA 71442682			C			
SPRINGHILL-OH SS CRUSHED	USA 71988027						
SPRINGHILL-OH SUPER GAZELLE	USA 69258387						
SPRINGHILL-OH SUPER RYLEE	USA 69258412						
SPRINGHILL-OH SUPERSIRE REN	USA 71988036						
SPRINGHILL-OH T CRINKLE-ET	USA 61692353						
SPRINGHILL-OH UNO TRADITION	USA 71442751						
SPRINGHILL-OH W ROSABELL	840003126504928						
SPRINGHILL-OH WANDER-RED-ET	USA 65439937						
SPRINGHILL-OH WELCOME-ET	USA 71988066						
SPRINGHILL-OH WHIZZBANG-ET	840003013434068			C			
SPRINGHILL-OH WHOOPI-ET	840003013434085						
SPRINGHILL-OH WICKTORIA-ET	840003013434095						
SPRINGHILL-OH WILLOW-ET	USA 71988063						
SPRINGHILL-OH WISDOM WOW-ET	USA 71987985						
SPRINGHILL-OH WISDOM-RED-ET	USA 65439931						
SPRINGHILL-OH WISDOMS WILLO	USA 70697750		C				
SPRINGHILL-OH WONKA AILEEN	840003126504943						
SPRINGHILL-OH WONKA TAYLOR	840003126504964						
SPRINGHILL-OH WONKA TREAT	840003013434158			C			
SPRINGHILL-OH WYLIE-ET	USA 71987984						1
SPRINGHILL-OH WYNNE-RED	USA 71442742						
SPRINGHILL-OH WYOMIA P-ET	840003013434091						
SPRINGHILL-OH WYOMING-ET	USA 71987983						
SPRINGIVA PRO RENITA	USA 139849677						
SPRINGSIDE BX MATTIE 497-ET	USA 63323927						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRINGSIDE EPIC LASSIE-ET	USA 70946661						
SPRINGSIDE EPIC LAURA-ET	USA 70946658						1
SPRINGSIDE EPIC LULLABY-ET	USA 72398590						1
SPRINGSIDE EPIC LYDIA-ET	USA 70946660						
SPRINGSIDE HALOGEN 706	USA 74354987						
SPRINGSIDE IOTA LUCY	USA 65741433						1
SPRINGSIDE LUAU 2657-ET	840003010651404						1
SPRINGSIDE SHOTTLE LUCILLE	USA 65741363						1
SPRINGSIDE SUPERSIRE 658-ET	USA 72398596						
SPRINGSIDE SUPERSIRE 689-ET	USA 72398627						1
SPRINGSTONE FYI FOXY-ET	USA 141238784						
SPRINGSTONE GARRETT FEE-ET	USA 64996102						
SPRINGWAY ALEX CHRISSA-ET	USA 68841710						1
SPRINGWAY ALEX CHRISTMAS-ET	USA 68841708						1
SPRINGWAY ALEX CRYSTAL-ET	USA 68841707						
SPRINGWAY ALEXANDR CANNA-ET	USA 68841702						1
SPRINGWAY ALEXNDR CANARY-ET	USA 68841706						
SPRINGWAY ALXNDR CANDACE-ET	USA 68841705						1
SPRINGWAY BLVR CHRISTINA-ET	USA 50840859						
SPRINGWAY BRONCO BUBBLES	USA 68841769						
SPRINGWAY COOKIE CRUMBLES	USA 70582347			C			
SPRINGWAY CURIOUS-ET	USA 70582343			C			
SPRINGWAY CUTIE-ET	USA 68841771			C			
SPRINGWAY DURHAM ALMOND	USA 135102378						
SPRINGWAY FINLEY CLARISA-ET	USA 50840806	C					
SPRINGWAY GERARD COCOA	USA 68841754						
SPRINGWAY GOLDWYN ALMA-ET	USA 53573134						
SPRINGWAY GOLDWYN RISQUE	USA 68841690						1
SPRINGWAY J S CHARM-ET	USA 53835508						
SPRINGWAY J S CHINA-ET	USA 53835503						
SPRINGWAY MOM CECILIA-ET	USA 68841726						
SPRINGWAY OMAN COOKIE-ET	USA 50840837			C			
SPRINGWAY PRONTO CHRISTA-ET	USA 53835506						
SPRINGWAY SHOTTLE CHRISSY	USA 138598194					C	
SPRINGWAY SHOTTLE COQUET-ET	USA 53573176						
SPRINGWAY SHOTTLE RELISH	USA 53573179					C	
SPRINGWAY SUPER CASSIE-ET	USA 68841736						
SPRINGWAY SUPER LILAC-ET	USA 68841744						
SPRINGWAY SUPER LILY-ET	USA 68841747						
SPRINGWAY SUPER OREO-ET	USA 68841758						
SPRINGWAY TALENT CRIMSON-ET	USA 50840856						
SPROUT-HILL MOGUL LIBBY-ET	USA 142252495						
SPRUCE-EDEN AL 3570-TW	USA 69330702						
SPRUCE-EDEN ARMSTEAD DEA-ET	USA 65655599						
SPRUCE-EDEN AUDEN DAZZLE-ET	USA 65655680			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
SPRUCE-EDEN BUTZE LORY	USA 71232617						
SPRUCE-EDEN CM 4091	USA 71232696						3
SPRUCE-EDEN CORRECT BUZZER	USA 71232664						
SPRUCE-EDEN DOBERMAN ATTACK	USA 70271225						
SPRUCE-EDEN DORCY 4002	USA 71232607						
SPRUCE-EDEN DRAMATIC BEST	USA 72063526						
SPRUCE-EDEN DRAMATIC BLISS	USA 71232700						
SPRUCE-EDEN FACEBOOK 4440	USA 72587015						
SPRUCE-EDEN FEVER 4007	USA 71232612						
SPRUCE-EDEN FEVER 4011	USA 71232616						
SPRUCE-EDEN FEVER ELLE	USA 71232618						
SPRUCE-EDEN GOLDWYN LILA-ET	USA 65655542						
SPRUCE-EDEN GOLDWYN LILU-ET	USA 65655541						
SPRUCE-EDEN GOLDWYN LOVE-ET	USA 65655563						1
SPRUCE-EDEN GOLDWYN LUSH-ET	USA 65655566						
SPRUCE-EDEN GUTHRIE ARLO	USA 71232515						
SPRUCE-EDEN HERO LOLO	USA 71232650						
SPRUCE-EDEN LARGE DAZZLE-TW	USA 72063530						
SPRUCE-EDEN LARGE DIZZY-TW	USA 72063531						
SPRUCE-EDEN LASER 4454	USA 72587029						
SPRUCE-EDEN LAVAMAN LAMP-TW	USA 71232611						1
SPRUCE-EDEN LAVAMAN LITE-TW	USA 71232610						
SPRUCE-EDEN MAN-O-MAN BOOM	USA 70271267					C	
SPRUCE-EDEN MASSEY 4477	USA 72587052						
SPRUCE-EDEN MASSEY 4478	USA 72587053						
SPRUCE-EDEN MAYFIELD LEAF	USA 72063538						
SPRUCE-EDEN MILLION AIRE	USA 69672429						
SPRUCE-EDEN MOGUL LOGIC	USA 72063540						
SPRUCE-EDEN OBSERVER 3982	USA 71232587						
SPRUCE-EDEN PLANET DAWN-ET	USA 65655736						
SPRUCE-EDEN PLANET DEBBIE	USA 68733439						
SPRUCE-EDEN PLANET DEPTH	USA 72063537						1
SPRUCE-EDEN PLANET LUNAR	USA 69672430						
SPRUCE-EDEN ROBUST 4617	USA 73053604						
SPRUCE-EDEN SHAMROCK 4089	USA 71232694						
SPRUCE-EDEN SHAMROCK ALICIA	USA 71232701						
SPRUCE-EDEN SHAMROCK DAP-TW	USA 70271223						
SPRUCE-EDEN SHAMROCK DIP-TW	USA 70271222						
SPRUCE-EDEN SHAMROCK DOE	USA 70271237						
SPRUCE-EDEN SHAMROCK FEST	USA 71232658						
SPRUCE-EDEN SHAMROCK MAG-TW	USA 71232532						
SPRUCE-EDEN SILVER 5701	840003134411262						
SPRUCE-EDEN STERLING 4381	USA 72586956						
SPRUCE-EDEN SUPERSONIC 4064	USA 71232669						
SPRUCE-EDEN TRUMPET RANGE	USA 71232585						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-EDGE BAXTER MY LADY	USA 63265086						
SPRUCE-EDGE BUCK MANDYLYNN	USA 63265027			C			
SPRUCE-EDGE-RW MATIE MEG-ET	USA 122650161						
SPRUCE-HAVEN 1ST BJ16449-ET	840003127718268						
SPRUCE-HAVEN 1ST BJ16450-ET	840003127718269						
SPRUCE-HAVEN 1ST BJ16454-ET	840003127718273						
SPRUCE-HAVEN 1ST BJ16459-ET	840003127718278						
SPRUCE-HAVEN 1ST BJ16462-ET	840003127718281						
SPRUCE-HAVEN 1ST BJ16464-ET	840003127718283						
SPRUCE-HAVEN 1ST BJ16469-ET	840003127718288						
SPRUCE-HAVEN 1ST BJ16575-ET	840003127718394						
SPRUCE-HAVEN 1ST BJ16583-ET	840003127718402						
SPRUCE-HAVEN 1ST BJ16590-ET	840003127718409						
SPRUCE-HAVEN 1ST LA16633-ET	840003127718452						
SPRUCE-HAVEN 1ST LA16647-ET	840003127718466						
SPRUCE-HAVEN 1ST SK16534-ET	840003127718353						
SPRUCE-HAVEN 1ST SK16537-ET	840003127718356						
SPRUCE-HAVEN 1ST SK16541-ET	840003127718360						
SPRUCE-HAVEN 1ST SK16546-ET	840003127718365						
SPRUCE-HAVEN 1ST WS16441-ET	840003127718260						
SPRUCE-HAVEN 1ST WS16452-ET	840003127718271						
SPRUCE-HAVEN 1ST WS16765-ET	840003127718584						
SPRUCE-HAVEN 4WORD BJ15645	USA 72925123						
SPRUCE-HAVEN 4WORD BJ15676	USA 72925154						
SPRUCE-HAVEN 4WORD LX15641	USA 72925119						
SPRUCE-HAVEN 51020 16656	840003127718475						
SPRUCE-HAVEN 51020 16666	840003127718485						
SPRUCE-HAVEN 51020 16715	840003127718534						
SPRUCE-HAVEN 51020 16725	840003127718544						
SPRUCE-HAVEN 51020 16735	840003127718554						
SPRUCE-HAVEN 51020 16743	840003127718562						
SPRUCE-HAVEN 51020 16759	840003127718578						
SPRUCE-HAVEN 51020 16804	840003127718623	C					
SPRUCE-HAVEN 51020 16847	840003127718666						
SPRUCE-HAVEN 51020 16895	840003127718714						
SPRUCE-HAVEN 51020 16897	840003127718716						
SPRUCE-HAVEN 51020 16909	840003127718728						
SPRUCE-HAVEN 51020 16927	840003127718746						
SPRUCE-HAVEN 51020 16981	840003127718800						
SPRUCE-HAVEN 51020 AI16750	840003127718569						
SPRUCE-HAVEN 51020 AT16706	840003127718525						
SPRUCE-HAVEN 51020 AT16836	840003127718655						
SPRUCE-HAVEN 51020 BJ16661	840003127718480						
SPRUCE-HAVEN 51020 BJ16726	840003127718545						
SPRUCE-HAVEN 51020 BJ16732	840003127718551						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN 51020 BJ16738	840003127718557						
SPRUCE-HAVEN 51020 BJ16793	840003127718612						
SPRUCE-HAVEN 51020 BJ16810	840003127718629					C	
SPRUCE-HAVEN 51020 BJ16881	840003127718700						
SPRUCE-HAVEN 51020 BJ16896	840003127718715						
SPRUCE-HAVEN 51020 BJ16925	840003127718744						
SPRUCE-HAVEN 51020 BJ16935	840003127718754						
SPRUCE-HAVEN 51020 BJ16944	840003127718763						
SPRUCE-HAVEN 51020 BJ17006	840003135197307						
SPRUCE-HAVEN 51020 BS16660	840003127718479						
SPRUCE-HAVEN 51020 BS16699	840003127718518						
SPRUCE-HAVEN 51020 BS16797	840003127718616						
SPRUCE-HAVEN 51020 BS16805	840003127718624						
SPRUCE-HAVEN 51020 BS16806	840003127718625						
SPRUCE-HAVEN 51020 BS16908	840003127718727						
SPRUCE-HAVEN 51020 BS16958	840003127718777						
SPRUCE-HAVEN 51020 BS16993	840003127718812						
SPRUCE-HAVEN 51020 CA16921	840003127718740						
SPRUCE-HAVEN 51020 CL16794	840003127718613						
SPRUCE-HAVEN 51020 DC16721	840003127718540						
SPRUCE-HAVEN 51020 DC16762	840003127718581						
SPRUCE-HAVEN 51020 DC16914	840003127718733						
SPRUCE-HAVEN 51020 DC16919	840003127718738						1
SPRUCE-HAVEN 51020 GA16788	840003127718607						
SPRUCE-HAVEN 51020 JA16905	840003127718724						
SPRUCE-HAVEN 51020 JT17011	840003135197312			C			
SPRUCE-HAVEN 51020 KE16659	840003127718478						
SPRUCE-HAVEN 51020 KE16782	840003127718601						
SPRUCE-HAVEN 51020 KE16852	840003127718671						
SPRUCE-HAVEN 51020 KL16811	840003127718630						
SPRUCE-HAVEN 51020 KL16827	840003127718646		C				
SPRUCE-HAVEN 51020 KY16649	840003127718468						
SPRUCE-HAVEN 51020 KY16854	840003127718673						
SPRUCE-HAVEN 51020 KY16920	840003127718739						
SPRUCE-HAVEN 51020 KY16930	840003127718749						
SPRUCE-HAVEN 51020 LL16658	840003127718477						
SPRUCE-HAVEN 51020 LL16783	840003127718602						
SPRUCE-HAVEN 51020 LL16798	840003127718617						
SPRUCE-HAVEN 51020 LL16826	840003127718645			C			
SPRUCE-HAVEN 51020 LL16867	840003127718686			C			
SPRUCE-HAVEN 51020 MI 16912	840003127718731			C			
SPRUCE-HAVEN 51020 MI16728	840003127718547						3
SPRUCE-HAVEN 51020 MI16734	840003127718553						
SPRUCE-HAVEN 51020 MZ16761	840003127718580						
SPRUCE-HAVEN 51020 NN16790	840003127718609						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN 51020 RY16780	840003127718599						
SPRUCE-HAVEN 51020 SO16900	840003127718719						
SPRUCE-HAVEN 51020 SU16779	840003127718598						
SPRUCE-HAVEN 51020 SV16748	840003127718567						
SPRUCE-HAVEN 51020 SW16740	840003127718559						
SPRUCE-HAVEN 51020 SX16651	840003127718470						
SPRUCE-HAVEN 51020 SX16763	840003127718582						
SPRUCE-HAVEN 51020 SX16842	840003127718661						
SPRUCE-HAVEN 51020 SX16851	840003127718670						
SPRUCE-HAVEN 51020 SX16853	840003127718672						
SPRUCE-HAVEN AA15105-RED-ET	USA 72924583					C	
SPRUCE-HAVEN AA15107-RED-ET	USA 72924585						
SPRUCE-HAVEN AAR K13254-ET	USA 70609128						
SPRUCE-HAVEN AAR S10996-ET	USA 69315240						1
SPRUCE-HAVEN AAR SX12825-ET	USA 69518161						
SPRUCE-HAVEN AAR SX12838-ET	USA 69518174						
SPRUCE-HAVEN AARON BJ12832	USA 69518168						
SPRUCE-HAVEN ABC 12275	USA 69517611						
SPRUCE-HAVEN ABERLN DE14043	USA 71631256		C				
SPRUCE-HAVEN ABR SX13980-ET	USA 70609854						
SPRUCE-HAVEN ABR SX13989-ET	USA 70609863					C	
SPRUCE-HAVEN ACHOO 16218	840003127718037						
SPRUCE-HAVEN ACHOO SX16221	840003127718040						
SPRUCE-HAVEN ACHOO T16133	840003127717952						
SPRUCE-HAVEN ACHOO ZP16181	840003127718000			C			
SPRUCE-HAVEN ACM BJ14160-ET	USA 71631373		C				
SPRUCE-HAVEN ACM BJ14167-ET	USA 71631380						3
SPRUCE-HAVEN ACM BJ14170-ET	USA 71631383		C				
SPRUCE-HAVEN ACM BJ14172-ET	USA 71631385		C				3
SPRUCE-HAVEN ACM BJ14178-ET	USA 71631391		C				3
SPRUCE-HAVEN ACME BS14140	USA 71631353						
SPRUCE-HAVEN ADI RY16581-ET	840003127718400						
SPRUCE-HAVEN ADI RY16600-ET	840003127718419						
SPRUCE-HAVEN ADI RY16603-ET	840003127718422						
SPRUCE-HAVEN ADIDAS BJ16893	840003127718712						
SPRUCE-HAVEN ADIDAS BS16678	840003127718497						
SPRUCE-HAVEN ADIDAS BS16878	840003127718697						
SPRUCE-HAVEN ADIDAS MA16898	840003127718717						
SPRUCE-HAVEN AIDEN SO14737	USA 71631950						
SPRUCE-HAVEN AIK RX15576-ET	USA 72925054						
SPRUCE-HAVEN AIK RX15794-ET	USA 72925272						
SPRUCE-HAVEN AIK SX14954-ET	USA 71632167						
SPRUCE-HAVEN AIK SX14964-ET	USA 71632177						
SPRUCE-HAVEN AIK SX14997-ET	USA 71632210						
SPRUCE-HAVEN AIKMAN KL15731	USA 72925209						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN AIR BJ13821-ET	USA 70609695						
SPRUCE-HAVEN AIR BJ13827-ET	USA 70609701						
SPRUCE-HAVEN AIR BJ13828-ET	USA 70609702						
SPRUCE-HAVEN AIR BJ13831-ET	USA 70609705						
SPRUCE-HAVEN AIR BJ13839-ET	USA 70609713						
SPRUCE-HAVEN AIR BJ13842-ET	USA 70609716						
SPRUCE-HAVEN AIR BJ13848-ET	USA 70609722						
SPRUCE-HAVEN AIR PR13826-ET	USA 70609700						
SPRUCE-HAVEN AIR PR13832-ET	USA 70609706						
SPRUCE-HAVEN AIR PR13833-ET	USA 70609707			C			
SPRUCE-HAVEN AIR SX13858-ET	USA 70609732						
SPRUCE-HAVEN AIRN RAE 14283	USA 71631496						
SPRUCE-HAVEN AIRNET BJ14096	USA 71631309						
SPRUCE-HAVEN AJ 14323	USA 71631536						
SPRUCE-HAVEN ALC BJ13975-ET	USA 70609849						1
SPRUCE-HAVEN ALC BJ13984-ET	USA 70609858						
SPRUCE-HAVEN ALC BJ14141-ET	USA 71631354			C			1
SPRUCE-HAVEN ALC BJ14569-ET	USA 71631782						
SPRUCE-HAVEN ALR AL15554-ET	USA 72925032						
SPRUCE-HAVEN ALR AL15558-ET	USA 72925036						
SPRUCE-HAVEN ALR AL15563-ET	USA 72925041						
SPRUCE-HAVEN ALR AL15772-ET	USA 72925250						
SPRUCE-HAVEN ALR BJ15553-ET	USA 72925031						
SPRUCE-HAVEN ALR BO15568-ET	USA 72925046						
SPRUCE-HAVEN ALR CA15498-ET	USA 72924976						
SPRUCE-HAVEN ALR CA15535-ET	USA 72925013						
SPRUCE-HAVEN ALR CA15536-ET	USA 72925014						
SPRUCE-HAVEN ALR LA15538-ET	USA 72925016						
SPRUCE-HAVEN ALR SK15549-ET	USA 72925027						
SPRUCE-HAVEN ALR SX15552-ET	USA 72925030						
SPRUCE-HAVEN AN15224-RED-ET	USA 72924702					C	
SPRUCE-HAVEN AN17021-RED-ET	840003135197322						
SPRUCE-HAVEN AND RA14157-ET	USA 71631370						
SPRUCE-HAVEN AND RA14182-ET	USA 71631395						
SPRUCE-HAVEN AND SX14121	USA 71631334					C	
SPRUCE-HAVEN ANT SX16092-ET	840003127717911		C				
SPRUCE-HAVEN ANT SX16860-ET	840003127718679						
SPRUCE-HAVEN ANTRIM CA16431	840003127718250						
SPRUCE-HAVEN ANTRIM MI16281	840003127718100						
SPRUCE-HAVEN APPOINT 8646	USA 64045220						
SPRUCE-HAVEN ARD MC15609-ET	USA 72925087			C			
SPRUCE-HAVEN ARD MC15619-ET	USA 72925097						
SPRUCE-HAVEN ARDIE AE 16094	840003127717913						
SPRUCE-HAVEN ARDIE BJ15876	USA 72925354						
SPRUCE-HAVEN ARDIE BS16278	840003127718097						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN ARI LA15508-ET	USA 72924986						
SPRUCE-HAVEN ARI MI15391-ET	USA 72924869						
SPRUCE-HAVEN ARI MI15396-ET	USA 72924874						
SPRUCE-HAVEN ARI MI15397-ET	USA 72924875						
SPRUCE-HAVEN ARI MI15410-ET	USA 72924888						
SPRUCE-HAVEN ARI SX15441-ET	USA 72924919						
SPRUCE-HAVEN ARI WN15364-ET	USA 72924842						
SPRUCE-HAVEN ARI WN15369-ET	USA 72924847						
SPRUCE-HAVEN ARI WN15377-ET	USA 72924855			C			
SPRUCE-HAVEN ARI WN15378-ET	USA 72924856						
SPRUCE-HAVEN ARI WN15383-ET	USA 72924861			C			
SPRUCE-HAVEN ARIST 15405-ET	USA 72924883						
SPRUCE-HAVEN ARIST BJ14433	USA 71631646					C	
SPRUCE-HAVEN ARLUS DC17053	840003135197354						
SPRUCE-HAVEN ARLUS SU 17087	840003135197388						
SPRUCE-HAVEN ARLUS SX17064	840003135197365						
SPRUCE-HAVEN ARM AA13500-ET	USA 70609374						
SPRUCE-HAVEN ARM BS13484-ET	USA 70609358						
SPRUCE-HAVEN ARM BS13485-ET	USA 70609359						
SPRUCE-HAVEN ARM BS13493-ET	USA 70609367						
SPRUCE-HAVEN ARM BS13497-ET	USA 70609371						
SPRUCE-HAVEN ARM W13554-ET	USA 70609428		C				
SPRUCE-HAVEN ARMIT BJ13783	USA 70609657						
SPRUCE-HAVEN ARTURO BS15632	USA 72925110						
SPRUCE-HAVEN ARTURO LS15659	USA 72925137						
SPRUCE-HAVEN ATLAS 16483	840003127718302						
SPRUCE-HAVEN ATLAS 16494	840003127718313						
SPRUCE-HAVEN ATLAS 16535	840003127718354						
SPRUCE-HAVEN ATLAS BR16524	840003127718343						
SPRUCE-HAVEN ATLAS KY16477	840003127718296						
SPRUCE-HAVEN ATLAS PR16515	840003127718334						
SPRUCE-HAVEN ATLAS SX16551	840003127718370						1
SPRUCE-HAVEN ATW AA15133-ET	USA 72924611						
SPRUCE-HAVEN ATW BJ11834-ET	USA 66758591						
SPRUCE-HAVEN ATW BJ11839-ET	USA 66758596						
SPRUCE-HAVEN ATW BJ11846-ET	USA 66758603						
SPRUCE-HAVEN ATW BJ12230-ET	USA 69517566						
SPRUCE-HAVEN ATW BJ12235-ET	USA 69517571						
SPRUCE-HAVEN ATW SX14950-ET	USA 71632163						
SPRUCE-HAVEN ATW SX14971-ET	USA 71632184						
SPRUCE-HAVEN ATW SX14974-ET	USA 71632187						
SPRUCE-HAVEN ATW SX14991-ET	USA 71632204						
SPRUCE-HAVEN AVE DE13430-ET	USA 70609304			C			1
SPRUCE-HAVEN AVER D13392-ET	USA 70609266			C			
SPRUCE-HAVEN AVER D13396-ET	USA 70609270						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
SPRUCE-HAVEN AVER D13403-ET	USA 70609277			C			1
SPRUCE-HAVEN AVER D13408-ET	USA 70609282			C			
SPRUCE-HAVEN AVER D13409-ET	USA 70609283						
SPRUCE-HAVEN AVER D13413-ET	USA 70609287						
SPRUCE-HAVEN AXEL 16686	840003127718505						
SPRUCE-HAVEN AXEL 16695	840003127718514						
SPRUCE-HAVEN AXEL AL16680	840003127718499						
SPRUCE-HAVEN AXEL BS16697	840003127718516					C	
SPRUCE-HAVEN AZYGOS AA16011	840003127717830						
SPRUCE-HAVEN AZYGOS AK15875	USA 72925353						
SPRUCE-HAVEN AZYGOS AL15304	USA 72924782						
SPRUCE-HAVEN AZYGOS AN16043	840003127717862						
SPRUCE-HAVEN AZYGOS BJ15959	USA 72925437						
SPRUCE-HAVEN AZYGOS BJ16061	840003127717880						
SPRUCE-HAVEN AZYGOS BJ16108	840003127717927						
SPRUCE-HAVEN AZYGOS BO15570	USA 72925048			C			
SPRUCE-HAVEN AZYGOS BS15532	USA 72925010						
SPRUCE-HAVEN AZYGOS BS16016	840003127717835						
SPRUCE-HAVEN AZYGOS CO16125	840003127717944						
SPRUCE-HAVEN AZYGOS EL16095	840003127717914						
SPRUCE-HAVEN AZYGOS GL15900	USA 72925378						
SPRUCE-HAVEN AZYGOS KL15864	USA 72925342						
SPRUCE-HAVEN AZYGOS LL16104	840003127717923						
SPRUCE-HAVEN AZYGOS LM16059	840003127717878						
SPRUCE-HAVEN AZYGOS MA15573	USA 72925051						
SPRUCE-HAVEN AZYGOS MA16118	840003127717937						
SPRUCE-HAVEN AZYGOS MI15312	USA 72924790						
SPRUCE-HAVEN AZYGOS MI15952	USA 72925430						
SPRUCE-HAVEN AZYGOS PT15980	USA 72925458						
SPRUCE-HAVEN AZYGOS RN15339	USA 72924817						
SPRUCE-HAVEN AZYGOS RX15323	USA 72924801						
SPRUCE-HAVEN AZYGOS SM15982	USA 72925460						
SPRUCE-HAVEN AZYGOS SS15322	USA 72924800						
SPRUCE-HAVEN AZYGOS SX14608	USA 71631821						
SPRUCE-HAVEN AZYGOS SX15289	USA 72924767						
SPRUCE-HAVEN AZYGOS SX15455	USA 72924933						
SPRUCE-HAVEN AZYGOS SX15486	USA 72924964						
SPRUCE-HAVEN AZYGOS SX15863	USA 72925341						
SPRUCE-HAVEN AZYGOS SX16023	840003127717842					C	
SPRUCE-HAVEN AZYGOS SX16122	840003127717941						
SPRUCE-HAVEN AZYGOS WS16038	840003127717857						
SPRUCE-HAVEN AZYGOS ZP15529	USA 72925007			C			
SPRUCE-HAVEN AZYGOS ZP16099	840003127717918						
SPRUCE-HAVEN AZYGOUS 15310	USA 72924788						
SPRUCE-HAVEN AZYGOUS 15487	USA 72924965						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN AZYGOUS 16081	840003127717900						
SPRUCE-HAVEN AZYGOUS P15533	USA 72925011						
SPRUCE-HAVEN BABCCK SX14545	USA 71631758						1
SPRUCE-HAVEN BAJ SX16766-TW	840003127718585						
SPRUCE-HAVEN BAJ SX16767-TW	840003127718586						
SPRUCE-HAVEN BAJA BJ16795	840003127718614						
SPRUCE-HAVEN BAJA BJ16830	840003127718649						
SPRUCE-HAVEN BAJA LL16791	840003127718610						
SPRUCE-HAVEN BAJA MI16774	840003127718593			C			
SPRUCE-HAVEN BAL BJ16324-ET	840003127718143						
SPRUCE-HAVEN BAL BJ16354-ET	840003127718173						
SPRUCE-HAVEN BAL BJ16371-ET	840003127718190						
SPRUCE-HAVEN BAL BJ16548-ET	840003127718367						
SPRUCE-HAVEN BAL BJ16550-ET	840003127718369						
SPRUCE-HAVEN BAL BJ16591-ET	840003127718410						
SPRUCE-HAVEN BAL BS15019-ET	USA 72924497						
SPRUCE-HAVEN BAL BS15021-ET	USA 72924499						
SPRUCE-HAVEN BAL BS15188-ET	USA 72924666						
SPRUCE-HAVEN BAL BS15223-ET	USA 72924701						
SPRUCE-HAVEN BAL LL15275-ET	USA 72924753						
SPRUCE-HAVEN BAL SU16311-ET	840003127718130						
SPRUCE-HAVEN BAL SU16331-ET	840003127718150						
SPRUCE-HAVEN BAL SU16336-ET	840003127718155						
SPRUCE-HAVEN BAL SU16338-ET	840003127718157						
SPRUCE-HAVEN BALDWN AA15172	USA 72924650						
SPRUCE-HAVEN BANDY BJ13523	USA 70609397						
SPRUCE-HAVEN BANFF SS14558	USA 71631771						
SPRUCE-HAVEN BAR BJ13673-ET	USA 70609547						
SPRUCE-HAVEN BAR WT14602-TW	USA 71631815						
SPRUCE-HAVEN BAR WT14603-TW	USA 71631816						3
SPRUCE-HAVEN BARBAR BJ14580	USA 71631793						3
SPRUCE-HAVEN BARNAB AB13740	USA 70609614						
SPRUCE-HAVEN BARNAB AE16517	840003127718336						
SPRUCE-HAVEN BARNAB BJ13791	USA 70609665						
SPRUCE-HAVEN BARNAB BS13746	USA 70609620						
SPRUCE-HAVEN BARNAB CC16503	840003127718322	C					
SPRUCE-HAVEN BARNAB KY16521	840003127718340						
SPRUCE-HAVEN BARNAB LA13777	USA 70609651						
SPRUCE-HAVEN BARNAB LL16522	840003127718341						
SPRUCE-HAVEN BARNAB LX16501	840003127718320						
SPRUCE-HAVEN BARNAB SX13769	USA 70609643						
SPRUCE-HAVEN BARNAB SX13795	USA 70609669						
SPRUCE-HAVEN BARNABY 13649	USA 70609523	C					
SPRUCE-HAVEN BARNABY 13685	USA 70609559			C			
SPRUCE-HAVEN BARNABY 13705	USA 70609579						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN BARNABY 13713	USA 70609587						
SPRUCE-HAVEN BARNABY 13716	USA 70609590						
SPRUCE-HAVEN BARNABY 13720	USA 70609594						
SPRUCE-HAVEN BARNABY 13728	USA 70609602						
SPRUCE-HAVEN BARNABY L13665	USA 70609539						
SPRUCE-HAVEN BARNBY SX13952	USA 70609826						
SPRUCE-HAVEN BARRY BJ15706	USA 72925184						
SPRUCE-HAVEN BAY SX17093-ET	840003135197394						
SPRUCE-HAVEN BAYMNT LL15451	USA 72924929						
SPRUCE-HAVEN BAYMNT ZP15452	USA 72924930						
SPRUCE-HAVEN BB 15807	USA 72925285						
SPRUCE-HAVEN BB 15827	USA 72925305						
SPRUCE-HAVEN BB AA15825	USA 72925303						
SPRUCE-HAVEN BB BS15818	USA 72925296						
SPRUCE-HAVEN BB CL15809	USA 72925287						
SPRUCE-HAVEN BB MISSY 15802	USA 72925280			C			
SPRUCE-HAVEN BB PR15496	USA 72924974						
SPRUCE-HAVEN BB SF15769	USA 72925247						
SPRUCE-HAVEN BB WS15842	USA 72925320						
SPRUCE-HAVEN BEA AB13662-ET	USA 70609536						
SPRUCE-HAVEN BEA AB13671-ET	USA 70609545						
SPRUCE-HAVEN BEA BJ12790-ET	USA 69518126					C	
SPRUCE-HAVEN BEA BJ12800-ET	USA 69518136					C	
SPRUCE-HAVEN BEA BJ12815-ET	USA 69518151						
SPRUCE-HAVEN BEACON H12747	USA 69518083					C	
SPRUCE-HAVEN BEL BJ15612-ET	USA 72925090						
SPRUCE-HAVEN BEL BO15577-ET	USA 72925055						
SPRUCE-HAVEN BEL SX15247-ET	USA 72924725			C			
SPRUCE-HAVEN BEL SX15251-ET	USA 72924729						
SPRUCE-HAVEN BEL SX15256-ET	USA 72924734						
SPRUCE-HAVEN BEL SX15260-ET	USA 72924738						
SPRUCE-HAVEN BEL SX15264-ET	USA 72924742						
SPRUCE-HAVEN BEL SX15268-ET	USA 72924746						
SPRUCE-HAVEN BEL SX15271-ET	USA 72924749						
SPRUCE-HAVEN BEL SX15703-ET	USA 72925181			C			
SPRUCE-HAVEN BEL SX15705-ET	USA 72925183			C			
SPRUCE-HAVEN BEL SX15816-ET	USA 72925294			C			
SPRUCE-HAVEN BEL SX15835-ET	USA 72925313			C			
SPRUCE-HAVEN BEL SX16229-ET	840003127718048			C			
SPRUCE-HAVEN BEL SX16812-ET	840003127718631			C			
SPRUCE-HAVEN BEL WT15237-ET	USA 72924715						
SPRUCE-HAVEN BENGAL KE16572	840003127718391						
SPRUCE-HAVEN BENGAL LL16672	840003127718491						
SPRUCE-HAVEN BEUKEB IR16496	840003127718315						
SPRUCE-HAVEN BEUKEB SX16490	840003127718309						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN BHP BJ13916-ET	USA 70609790						
SPRUCE-HAVEN BHP BJ13931-ET	USA 70609805						
SPRUCE-HAVEN BHP BJ13937-ET	USA 70609811						
SPRUCE-HAVEN BHP BJ13938-ET	USA 70609812						
SPRUCE-HAVEN BHP BJ13939-ET	USA 70609813						
SPRUCE-HAVEN BHP BJ13946-ET	USA 70609820						
SPRUCE-HAVEN BHP BJ13947-ET	USA 70609821						
SPRUCE-HAVEN BHP KY13873	USA 70609747			C			
SPRUCE-HAVEN BHP SX13905-ET	USA 70609779						
SPRUCE-HAVEN BHP SX13908-ET	USA 70609782						1
SPRUCE-HAVEN BHP SX13918-ET	USA 70609792						1
SPRUCE-HAVEN BIL BJ15646-ET	USA 72925124						
SPRUCE-HAVEN BIL BJ15735-ET	USA 72925213						
SPRUCE-HAVEN BIL BJ15749-ET	USA 72925227						
SPRUCE-HAVEN BIL BJ15754-ET	USA 72925232						
SPRUCE-HAVEN BIL BJ15768-ET	USA 72925246						
SPRUCE-HAVEN BIL BJ15778-ET	USA 72925256						
SPRUCE-HAVEN BIL BJ15780-ET	USA 72925258						
SPRUCE-HAVEN BIL BJ15781-ET	USA 72925259						
SPRUCE-HAVEN BIL PR15665-ET	USA 72925143			C			
SPRUCE-HAVEN BIL PR15775-ET	USA 72925253						
SPRUCE-HAVEN BJ15092-RED-ET	USA 72924570						
SPRUCE-HAVEN BJ15168-RED-ET	USA 72924646						
SPRUCE-HAVEN BJ15318-RED-ET	USA 72924796						
SPRUCE-HAVEN BJ15471-RED-ET	USA 72924949						
SPRUCE-HAVEN BLO BARBI15429	USA 72924907						
SPRUCE-HAVEN BLUNDR AL17022	840003135197323						
SPRUCE-HAVEN BLUNDR BS17051	840003135197352			C			
SPRUCE-HAVEN BLUNDR KM17054	840003135197355						
SPRUCE-HAVEN BO13868-RED-ET	USA 70609742						
SPRUCE-HAVEN BO14084-RED-ET	USA 71631297						
SPRUCE-HAVEN BO14375-RED-ET	USA 71631588						3
SPRUCE-HAVEN BO15687-RED-ET	USA 72925165						
SPRUCE-HAVEN BO17144-RED-ET	840003135197445						1
SPRUCE-HAVEN BOA ST17103-ET	840003135197404						
SPRUCE-HAVEN BOA ST17105-ET	840003135197406						
SPRUCE-HAVEN BOA ST17120-ET	840003135197421						
SPRUCE-HAVEN BOASTF CA16985	840003127718804						
SPRUCE-HAVEN BOASTF SX16645	840003127718464						
SPRUCE-HAVEN BOB BJ16839	840003127718658						
SPRUCE-HAVEN BOB SO17178-ET	840003135197479						
SPRUCE-HAVEN BOB SX16821-ET	840003127718640						
SPRUCE-HAVEN BOB SX16823-ET	840003127718642						
SPRUCE-HAVEN BOB SX16833-ET	840003127718652						
SPRUCE-HAVEN BOB SX16834-ET	840003127718653						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN BOLO F1 15425	USA 72924903						
SPRUCE-HAVEN BOLO LA 15421	USA 72924899						
SPRUCE-HAVEN BOLO SX 15448	USA 72924926						
SPRUCE-HAVEN BOLO SX15418	USA 72924896						
SPRUCE-HAVEN BOO 13974-ET	USA 70609848						
SPRUCE-HAVEN BOO BJ13265-ET	USA 70609139						
SPRUCE-HAVEN BOO BJ13792-ET	USA 70609666						
SPRUCE-HAVEN BOO BJ13799-ET	USA 70609673						
SPRUCE-HAVEN BOO BJ13807-ET	USA 70609681					C	
SPRUCE-HAVEN BOO BJ13875-ET	USA 70609749						
SPRUCE-HAVEN BOO BJ16235-ET	840003127718054						
SPRUCE-HAVEN BOO BJ16238-ET	840003127718057						
SPRUCE-HAVEN BOO BS13348-ET	USA 70609222						
SPRUCE-HAVEN BOO BS13367-ET	USA 70609241						
SPRUCE-HAVEN BOO CA16254-ET	840003127718073						
SPRUCE-HAVEN BOO CA16264-ET	840003127718083						
SPRUCE-HAVEN BOO CA16276-ET	840003127718095						1
SPRUCE-HAVEN BOO CA16289-ET	840003127718108						1
SPRUCE-HAVEN BOO CA16640-ET	840003127718459						
SPRUCE-HAVEN BOO CA16654-ET	840003127718473						
SPRUCE-HAVEN BOO CA16655-ET	840003127718474						
SPRUCE-HAVEN BOO LL13353-ET	USA 70609227						
SPRUCE-HAVEN BOO MI17090-ET	840003135197391						
SPRUCE-HAVEN BOO MI17111-ET	840003135197412						
SPRUCE-HAVEN BOO SH16844-ET	840003127718663						
SPRUCE-HAVEN BOO SH16856-ET	840003127718675						
SPRUCE-HAVEN BOO SH16864-ET	840003127718683						
SPRUCE-HAVEN BOO SH16874-ET	840003127718693						
SPRUCE-HAVEN BOO SX13922-ET	USA 70609796						
SPRUCE-HAVEN BOO SX16523-ET	840003127718342						
SPRUCE-HAVEN BOO SX16547-ET	840003127718366						
SPRUCE-HAVEN BOOKEM BJ16484	840003127718303						
SPRUCE-HAVEN BOOKEM DC17131	840003135197432						
SPRUCE-HAVEN BOOKEM EL16342	840003127718161						
SPRUCE-HAVEN BOOKEM SX16482	840003127718301						
SPRUCE-HAVEN BOSTFL CP16619	840003127718438						
SPRUCE-HAVEN BOW BJ13797-ET	USA 70609671					C	
SPRUCE-HAVEN BOW BJ13801-ET	USA 70609675					C	
SPRUCE-HAVEN BOW BJ13846-ET	USA 70609720					C	
SPRUCE-HAVEN BOW BS12932-ET	USA 69518268						
SPRUCE-HAVEN BOW BS12945-ET	USA 69518281						
SPRUCE-HAVEN BOW BS13548-ET	USA 70609422						
SPRUCE-HAVEN BOW BS13562-ET	USA 70609436						
SPRUCE-HAVEN BOW BS13570-ET	USA 70609444						
SPRUCE-HAVEN BOW KA13578-ET	USA 70609452		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN BOW SX12343-ET	USA 69517679						
SPRUCE-HAVEN BOW SX12351-ET	USA 69517687						
SPRUCE-HAVEN BOW SX12360-ET	USA 69517696						3
SPRUCE-HAVEN BOW SX12387-ET	USA 69517723						
SPRUCE-HAVEN BOW SX12400-ET	USA 69517736						
SPRUCE-HAVEN BOW SX12768-ET	USA 69518104						3
SPRUCE-HAVEN BOW SX12769-ET	USA 69518105						
SPRUCE-HAVEN BOW SX12774-ET	USA 69518110						3
SPRUCE-HAVEN BOW SX12783-ET	USA 69518119						
SPRUCE-HAVEN BOW SX12793-ET	USA 69518129						3
SPRUCE-HAVEN BOW SX12811-ET	USA 69518147						3
SPRUCE-HAVEN BOWIE DE14573	USA 71631786						
SPRUCE-HAVEN BOWS D12988-ET	USA 69518324		C				
SPRUCE-HAVEN BOWS D12995-ET	USA 69518331		C				
SPRUCE-HAVEN BOWS D12998-ET	USA 69518334		C				
SPRUCE-HAVEN BOWS D13007-ET	USA 70608881						
SPRUCE-HAVEN BRASH AL17196	840003135197497						
SPRUCE-HAVEN BRASH BJ17153	840003135197454						
SPRUCE-HAVEN BRASH BJ17167	840003135197468						
SPRUCE-HAVEN BRASH BJ17180	840003135197481						
SPRUCE-HAVEN BRASH BJ17194	840003135197495						
SPRUCE-HAVEN BRASH BO17193	840003135197494						
SPRUCE-HAVEN BRASH DC17166	840003135197467						
SPRUCE-HAVEN BRASH DC17206	840003135197507						1
SPRUCE-HAVEN BRASH PR17208	840003135197509						
SPRUCE-HAVEN BRASH RY17188	840003135197489						
SPRUCE-HAVEN BRASH SO17181	840003135197482						
SPRUCE-HAVEN BRASH SX17182	840003135197483						
SPRUCE-HAVEN BRETT 12843-ET	USA 69518179						
SPRUCE-HAVEN BRIAR BS14516	USA 71631729					C	
SPRUCE-HAVEN BRIAR GR14523	USA 71631736						
SPRUCE-HAVEN BRIAR KY15179	USA 72924657						
SPRUCE-HAVEN BRIAR SX14535	USA 71631748						
SPRUCE-HAVEN BRNFRD BJ13302	USA 70609176						
SPRUCE-HAVEN BRO BS12284-ET	USA 69517620						
SPRUCE-HAVEN BROCKWAY 16327	840003127718146						
SPRUCE-HAVEN BRODIE WN16801	840003127718620			C			
SPRUCE-HAVEN BRODIE WS16648	840003127718467						
SPRUCE-HAVEN BRON S12797-ET	USA 69518133						
SPRUCE-HAVEN BRON S12812-ET	USA 69518148						
SPRUCE-HAVEN BS14650-RED-ET	USA 71631863						
SPRUCE-HAVEN BS14666-RED-ET	USA 71631879						
SPRUCE-HAVEN BUD 13346	USA 70609220						
SPRUCE-HAVEN BUD 13508	USA 70609382	C					
SPRUCE-HAVEN BUD 13539	USA 70609413						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN BUD 13561	USA 70609435						
SPRUCE-HAVEN BUD BO13507	USA 70609381						
SPRUCE-HAVEN BUGSY 16318	840003127718137						
SPRUCE-HAVEN BUGSY AN16308	840003127718127						
SPRUCE-HAVEN BUGSY BS16358	840003127718177						
SPRUCE-HAVEN BUGSY BS16362	840003127718181						
SPRUCE-HAVEN BUGSY DE16315	840003127718134						
SPRUCE-HAVEN BUM MA17198-ET	840003135197499						
SPRUCE-HAVEN BUM MA17199-ET	840003135197500						
SPRUCE-HAVEN BUMBLE SX16931	840003127718750						
SPRUCE-HAVEN BUTZE BJ13854	USA 70609728						
SPRUCE-HAVEN BUTZE LL13911	USA 70609785						
SPRUCE-HAVEN BWSK B12762-ET	USA 69518098						
SPRUCE-HAVEN BWSR B12756-ET	USA 69518092						
SPRUCE-HAVEN CAM BJ14037-ET	USA 71631250						
SPRUCE-HAVEN CAM BJ14073-ET	USA 71631286						
SPRUCE-HAVEN CAM BJ14074-ET	USA 71631287						
SPRUCE-HAVEN CAM BJ14120-ET	USA 71631333						
SPRUCE-HAVEN CAMERN DB14636	USA 71631849						
SPRUCE-HAVEN CANNON MO14965	USA 71632178						
SPRUCE-HAVEN CANNON SX15000	USA 71632213						
SPRUCE-HAVEN CAPO BJ16989	840003127718808						
SPRUCE-HAVEN CAPO SX17076	840003135197377						
SPRUCE-HAVEN CAPONE AL16943	840003127718762						
SPRUCE-HAVEN CAPONE LL16973	840003127718792						
SPRUCE-HAVEN CAPONE ZP16913	840003127718732						
SPRUCE-HAVEN CAR KY15940-ET	USA 72925418						
SPRUCE-HAVEN CAR LA16245-TW	840003127718064						
SPRUCE-HAVEN CAR LA16246-TW	840003127718065						
SPRUCE-HAVEN CARTER 16332	840003127718151			C			
SPRUCE-HAVEN CARTER 16349	840003127718168						
SPRUCE-HAVEN CARTER 16368	840003127718187			C			
SPRUCE-HAVEN CARTER BS16359	840003127718178						
SPRUCE-HAVEN CARTER KL16300	840003127718119						
SPRUCE-HAVEN CARTER KL16350	840003127718169		C				
SPRUCE-HAVEN CARTER KY16309	840003127718128						
SPRUCE-HAVEN CARTER SX16367	840003127718186						1
SPRUCE-HAVEN CASHCN BJ15204	USA 72924682						1
SPRUCE-HAVEN CASSN F1 11801	USA 66758558						
SPRUCE-HAVEN CASUAL BJ15887	USA 72925365						
SPRUCE-HAVEN CEA BJ13555-ET	USA 70609429						
SPRUCE-HAVEN CEA BJ13557-ET	USA 70609431						
SPRUCE-HAVEN CEA BJ13558-ET	USA 70609432					C	
SPRUCE-HAVEN CEA BJ13568-ET	USA 70609442					C	
SPRUCE-HAVEN CEA BJ13608-ET	USA 70609482						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
SPRUCE-HAVEN CEA BJ13670-ET	USA 70609544						
SPRUCE-HAVEN CEASAR BJ14200	USA 71631413						
SPRUCE-HAVEN CES AA13397-ET	USA 70609271					C	
SPRUCE-HAVEN CES AA13399-ET	USA 70609273						
SPRUCE-HAVEN CHANCE KY14341	USA 71631554						
SPRUCE-HAVEN CHASE BS12393	USA 69517729			C			
SPRUCE-HAVEN CHASE KE15926	USA 72925404			C			
SPRUCE-HAVEN CHI BJ13806-ET	USA 70609680						
SPRUCE-HAVEN CHIP 13708	USA 70609582						
SPRUCE-HAVEN CHIP R13549-ET	USA 70609423						
SPRUCE-HAVEN CHM 12902	USA 69518238						1
SPRUCE-HAVEN CHM 12903	USA 69518239			C			3
SPRUCE-HAVEN CHM BJ12763-ET	USA 69518099			C			3
SPRUCE-HAVEN CHP BJ13538-ET	USA 70609412						
SPRUCE-HAVEN CHP BJ13541-ET	USA 70609415						
SPRUCE-HAVEN CHP BJ13567-ET	USA 70609441						
SPRUCE-HAVEN CHP BJ13808-ET	USA 70609682						
SPRUCE-HAVEN CHP BJ13809-ET	USA 70609683						
SPRUCE-HAVEN CHP DE13542-ET	USA 70609416						
SPRUCE-HAVEN CHP LL13547-ET	USA 70609421						
SPRUCE-HAVEN CHP SX13712-ET	USA 70609586						
SPRUCE-HAVEN CHP SX13721-ET	USA 70609595						
SPRUCE-HAVEN CIM BJ12666-ET	USA 69518002						
SPRUCE-HAVEN CLT BJ13810-ET	USA 70609684						
SPRUCE-HAVEN CLT BJ13813-ET	USA 70609687						
SPRUCE-HAVEN CLT BJ13814-ET	USA 70609688						
SPRUCE-HAVEN CLT BJ13825-ET	USA 70609699						
SPRUCE-HAVEN CLT BJ13829-ET	USA 70609703						
SPRUCE-HAVEN CLU SN16604-TW	840003127718423						
SPRUCE-HAVEN CLU SN16605-TW	840003127718424						
SPRUCE-HAVEN CLUE 16576	840003127718395						
SPRUCE-HAVEN CLUE BO16577	840003127718396						
SPRUCE-HAVEN CLUE WS16440	840003127718259						
SPRUCE-HAVEN COBALT BJ15277	USA 72924755						
SPRUCE-HAVEN COBALT KY15293	USA 72924771						3
SPRUCE-HAVEN COL BJ13786-ET	USA 70609660						
SPRUCE-HAVEN CONRAD BS15213	USA 72924691						
SPRUCE-HAVEN CONRAD BS15227	USA 72924705						
SPRUCE-HAVEN COREY 16404	840003127718223						3
SPRUCE-HAVEN COREY 16421	840003127718240						4
SPRUCE-HAVEN COREY BJ16247	840003127718066						
SPRUCE-HAVEN COREY BJ16379	840003127718198						
SPRUCE-HAVEN COREY KL16244	840003127718063						
SPRUCE-HAVEN COREY PO16411	840003127718230						
SPRUCE-HAVEN COREY ST16445	840003127718264						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN COREY SX16435	840003127718254						
SPRUCE-HAVEN COS BJ14374-ET	USA 71631587						3
SPRUCE-HAVEN COUGAR 16180	840003127717999						3
SPRUCE-HAVEN COUGAR 16211	840003127718030			C			3
SPRUCE-HAVEN COUGAR BJ16190	840003127718009						
SPRUCE-HAVEN COUGAR BS16192	840003127718011						
SPRUCE-HAVEN COUGAR DC16169	840003127717988						
SPRUCE-HAVEN COUGAR H16167	840003127717986				C		
SPRUCE-HAVEN COUGAR KL16189	840003127718008						
SPRUCE-HAVEN COUGAR KY16162	840003127717981						
SPRUCE-HAVEN COUGAR RX16152	840003127717971						1
SPRUCE-HAVEN COUGAR SO15944	USA 72925422						
SPRUCE-HAVEN COUGAR SU16144	840003127717963						
SPRUCE-HAVEN COUGAR SU16171	840003127717990						
SPRUCE-HAVEN COUGAR SX15865	USA 72925343						
SPRUCE-HAVEN COUGAR SX16130	840003127717949						
SPRUCE-HAVEN COUGAR SX16173	840003127717992						
SPRUCE-HAVEN COUGAR SX16198	840003127718017						
SPRUCE-HAVEN CRANDALL 15048	USA 72924526						
SPRUCE-HAVEN CRANDL KY15112	USA 72924590						1
SPRUCE-HAVEN CROCKR BO16461	840003127718280						
SPRUCE-HAVEN CROCKR KL16453	840003127718272						
SPRUCE-HAVEN CROCKR MA16473	840003127718292						
SPRUCE-HAVEN CROSS AL16397	840003127718216						
SPRUCE-HAVEN CROSS BO16396	840003127718215						
SPRUCE-HAVEN CROSS BS16383	840003127718202						
SPRUCE-HAVEN CROSS BS16393	840003127718212						
SPRUCE-HAVEN CROSS SP16388	840003127718207						
SPRUCE-HAVEN CROSS SX16370	840003127718189		C				
SPRUCE-HAVEN CROSSOV 16389	840003127718208						
SPRUCE-HAVEN CROSSOV 16403	840003127718222						
SPRUCE-HAVEN CROSSOV 16407	840003127718226						
SPRUCE-HAVEN CROSSOV 16423	840003127718242						
SPRUCE-HAVEN CROWN ZO14049	USA 71631262						1
SPRUCE-HAVEN CRWN E14019-TW	USA 71631232			C			
SPRUCE-HAVEN CRWN E14020-TW	USA 71631233			C			
SPRUCE-HAVEN DAD SX14435-ET	USA 71631648						3
SPRUCE-HAVEN DAK BO13864-ET	USA 70609738						1
SPRUCE-HAVEN DAY BO14471	USA 71631684						
SPRUCE-HAVEN DAY WN14609-ET	USA 71631822						
SPRUCE-HAVEN DE AA16957-RED	840003127718776						
SPRUCE-HAVEN DE RU16954-RED	840003127718773						
SPRUCE-HAVEN DEL LA17019-ET	840003135197320			C			
SPRUCE-HAVEN DEL LA17024-ET	840003135197325			C			
SPRUCE-HAVEN DEL LA17025-ET	840003135197326						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN DEL LA17026-ET	840003135197327			C			
SPRUCE-HAVEN DEL LA17032-ET	840003135197333			C			
SPRUCE-HAVEN DEL LA17038-ET	840003135197339						
SPRUCE-HAVEN DEL LA17042-ET	840003135197343			C			
SPRUCE-HAVEN DEL SX16979-ET	840003127718798						
SPRUCE-HAVEN DEL SX16983-ET	840003127718802						
SPRUCE-HAVEN DEL SX16988-ET	840003127718807						
SPRUCE-HAVEN DEL SX16991-ET	840003127718810						
SPRUCE-HAVEN DEL SX16992-ET	840003127718811						
SPRUCE-HAVEN DEL SX16999-ET	840003127718818						
SPRUCE-HAVEN DEL SX17002-ET	840003135197303						
SPRUCE-HAVEN DEL SX17005-ET	840003135197306						
SPRUCE-HAVEN DEL SX17012-ET	840003135197313						
SPRUCE-HAVEN DEL SX17015-ET	840003135197316						
SPRUCE-HAVEN DEL WS17097-ET	840003135197398						
SPRUCE-HAVEN DEMPSY CN14306	USA 71631519	C					3
SPRUCE-HAVEN DEN AN17185-ET	840003135197486						
SPRUCE-HAVEN DEN AN17195-ET	840003135197496						
SPRUCE-HAVEN DEN AN17202-ET	840003135197503						
SPRUCE-HAVEN DEN WN17200-ET	840003135197501						
SPRUCE-HAVEN DENVER BS17203	840003135197504			C			
SPRUCE-HAVEN DES LL12372-ET	USA 69517708						
SPRUCE-HAVEN DEST P12833-ET	USA 69518169			C			1
SPRUCE-HAVEN DEST P12835-ET	USA 69518171			C			
SPRUCE-HAVEN DEST P12839-ET	USA 69518175						
SPRUCE-HAVEN DESTIN CL15711	USA 72925189	C					
SPRUCE-HAVEN DESTRY BJ12824	USA 69518160						3
SPRUCE-HAVEN DIA SX15311-ET	USA 72924789					C	
SPRUCE-HAVEN DIA SX15321-ET	USA 72924799					C	
SPRUCE-HAVEN DIA SX15373-ET	USA 72924851						
SPRUCE-HAVEN DIA SX15817-ET	USA 72925295					C	
SPRUCE-HAVEN DIS LL13573-ET	USA 70609447						
SPRUCE-HAVEN DIS SS16458-ET	840003127718277						
SPRUCE-HAVEN DIS SX16290-ET	840003127718109						
SPRUCE-HAVEN DIS SX16474-ET	840003127718293						
SPRUCE-HAVEN DIS SX16489-ET	840003127718308						
SPRUCE-HAVEN DO BJ16485-RED	840003127718304						
SPRUCE-HAVEN DO BS17063-RED	840003135197364			C		C	
SPRUCE-HAVEN DOL LL12878-ET	USA 69518214						
SPRUCE-HAVEN DOM AN15214-ET	USA 72924692						
SPRUCE-HAVEN DOM AN15215-ET	USA 72924693					C	
SPRUCE-HAVEN DOM BJ15097-ET	USA 72924575						
SPRUCE-HAVEN DOM BJ15229-ET	USA 72924707					C	
SPRUCE-HAVEN DOM BJ15484-ET	USA 72924962						
SPRUCE-HAVEN DOM KL15099-ET	USA 72924577					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN DOM KL15116-ET	USA 72924594			C		C	
SPRUCE-HAVEN DOM KY15089-ET	USA 72924567					C	1
SPRUCE-HAVEN DOM LA15164-ET	USA 72924642						
SPRUCE-HAVEN DOM LA15335-ET	USA 72924813					C	
SPRUCE-HAVEN DOM RU15158-ET	USA 72924636					C	
SPRUCE-HAVEN DOM RU15329-ET	USA 72924807						
SPRUCE-HAVEN DOM RU15334-ET	USA 72924812						
SPRUCE-HAVEN DOM RU15336-ET	USA 72924814						
SPRUCE-HAVEN DOM RU15661-ET	USA 72925139					C	
SPRUCE-HAVEN DOM SX15177-ET	USA 72924655					C	1
SPRUCE-HAVEN DOM SX15186-ET	USA 72924664						
SPRUCE-HAVEN DOM SX15621-ET	USA 72925099						
SPRUCE-HAVEN DOM WS15337-ET	USA 72924815					C	
SPRUCE-HAVEN DOM WS15343-ET	USA 72924821					C	
SPRUCE-HAVEN DOMIN KE15671	USA 72925149						
SPRUCE-HAVEN DOMINA BJ16495	840003127718314					C	
SPRUCE-HAVEN DOMINANT 16939	840003127718758						
SPRUCE-HAVEN DOMING SX16668	840003127718487						
SPRUCE-HAVEN DOMINMA 16531	840003127718350					C	
SPRUCE-HAVEN DON AL16813-ET	840003127718632						
SPRUCE-HAVEN DON AL16829-ET	840003127718648						
SPRUCE-HAVEN DON AL16832-ET	840003127718651						
SPRUCE-HAVEN DON AL16838-ET	840003127718657						
SPRUCE-HAVEN DON AN16845-ET	840003127718664						
SPRUCE-HAVEN DON AN16846-ET	840003127718665						
SPRUCE-HAVEN DON BO16339-ET	840003127718158						
SPRUCE-HAVEN DON BO16346-ET	840003127718165						
SPRUCE-HAVEN DON SX16316-ET	840003127718135						
SPRUCE-HAVEN DON SX16519-ET	840003127718338						
SPRUCE-HAVEN DON WS16527-ET	840003127718346						
SPRUCE-HAVEN DON WS16536-ET	840003127718355						
SPRUCE-HAVEN DONATE BJ16585	840003127718404						
SPRUCE-HAVEN DONATE BS16857	840003127718676						
SPRUCE-HAVEN DOO BS16428-ET	840003127718247					C	1
SPRUCE-HAVEN DOO LL16429-ET	840003127718248						
SPRUCE-HAVEN DOO SX16679-ET	840003127718498					C	
SPRUCE-HAVEN DOO SX16711-ET	840003127718530					C	
SPRUCE-HAVEN DOR BJ14874-ET	USA 71632087						
SPRUCE-HAVEN DOR BJ14879-ET	USA 71632092						
SPRUCE-HAVEN DOR BJ15692-ET	USA 72925170						
SPRUCE-HAVEN DOR BJ15858-ET	USA 72925336						
SPRUCE-HAVEN DOR BJ15860-ET	USA 72925338						
SPRUCE-HAVEN DOR BJ15868-ET	USA 72925346						
SPRUCE-HAVEN DOR BJ16124-ET	840003127717943						
SPRUCE-HAVEN DOR BJ16127-ET	840003127717946						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN DOR BJ16131-ET	840003127717950						
SPRUCE-HAVEN DOR BJ16137-ET	840003127717956						
SPRUCE-HAVEN DOR BJ16150-ET	840003127717969						
SPRUCE-HAVEN DOR BJ16154-ET	840003127717973						
SPRUCE-HAVEN DOR BJ16260-ET	840003127718079						
SPRUCE-HAVEN DOR BJ16272-ET	840003127718091						
SPRUCE-HAVEN DOR BJ16323-ET	840003127718142						
SPRUCE-HAVEN DOR BJ16330-ET	840003127718149						
SPRUCE-HAVEN DOR BJ16380-ET	840003127718199						
SPRUCE-HAVEN DOR BJ16402-ET	840003127718221						
SPRUCE-HAVEN DOR BJ16751-ET	840003127718570						
SPRUCE-HAVEN DOR BJ16758-ET	840003127718577						
SPRUCE-HAVEN DOR BO16733-ET	840003127718552						
SPRUCE-HAVEN DOR BO16736-ET	840003127718555						
SPRUCE-HAVEN DOR BS15348-ET	USA 72924826						
SPRUCE-HAVEN DOR BS15355-ET	USA 72924833						
SPRUCE-HAVEN DOR BS15374-ET	USA 72924852						
SPRUCE-HAVEN DOR BS16054-ET	840003127717873						
SPRUCE-HAVEN DOR BS16539-ET	840003127718358						
SPRUCE-HAVEN DOR BS17017-ET	840003135197318						
SPRUCE-HAVEN DOR KL15679-ET	USA 72925157		C				
SPRUCE-HAVEN DOR KY16466-ET	840003127718285						
SPRUCE-HAVEN DOR LA15630-ET	USA 72925108						
SPRUCE-HAVEN DOR LA15631-ET	USA 72925109						
SPRUCE-HAVEN DOR LA15647-ET	USA 72925125						
SPRUCE-HAVEN DOR LA15933-ET	USA 72925411						
SPRUCE-HAVEN DOR LA15949-ET	USA 72925427						
SPRUCE-HAVEN DOR LA16357-ET	840003127718176						
SPRUCE-HAVEN DOR LA16507-ET	840003127718326						
SPRUCE-HAVEN DOR LE16652-ET	840003127718471						
SPRUCE-HAVEN DOR MA15340-ET	USA 72924818						
SPRUCE-HAVEN DOR MI15326-ET	USA 72924804						
SPRUCE-HAVEN DOR PR16555-ET	840003127718374			C			1
SPRUCE-HAVEN DOR SO16220-ET	840003127718039						
SPRUCE-HAVEN DOR SO16222-ET	840003127718041						
SPRUCE-HAVEN DOR SO16227-ET	840003127718046						
SPRUCE-HAVEN DOR SO16250-ET	840003127718069						
SPRUCE-HAVEN DOR SO16251-ET	840003127718070						
SPRUCE-HAVEN DOR SO16618-ET	840003127718437						
SPRUCE-HAVEN DOR SO16628-ET	840003127718447						
SPRUCE-HAVEN DOR SU16556-ET	840003127718375						
SPRUCE-HAVEN DOR SX16112-ET	840003127717931						
SPRUCE-HAVEN DOR SX16128-ET	840003127717947						
SPRUCE-HAVEN DOR SX16400-ET	840003127718219						
SPRUCE-HAVEN DOR WN16392-ET	840003127718211						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN DOR WS16134-ET	840003127717953						
SPRUCE-HAVEN DOR WS16138-ET	840003127717957						
SPRUCE-HAVEN DOR WS16145-ET	840003127717964						
SPRUCE-HAVEN DOR WS16151-ET	840003127717970						
SPRUCE-HAVEN DORCY BJ14775	USA 71631988						
SPRUCE-HAVEN DORCY BJ16319	840003127718138						
SPRUCE-HAVEN DORCY BJ17130	840003135197431						
SPRUCE-HAVEN DORCY BS17138	840003135197439						
SPRUCE-HAVEN DORCY KL17121	840003135197422						
SPRUCE-HAVEN DORCY KY16215	840003127718034						
SPRUCE-HAVEN DORCY KY17115	840003135197416						
SPRUCE-HAVEN DORCY LA17110	840003135197411						
SPRUCE-HAVEN DORCY LX17114	840003135197415						
SPRUCE-HAVEN DORCY MI 17086	840003135197387						
SPRUCE-HAVEN DORCY SO17129	840003135197430						
SPRUCE-HAVEN DORCY SX16557	840003127718376						
SPRUCE-HAVEN DORCY WS15805	USA 72925283						
SPRUCE-HAVEN DRAGO CC16644	840003127718463						
SPRUCE-HAVEN DRAGO DC16626	840003127718445						
SPRUCE-HAVEN DRAGO ED16694	840003127718513						
SPRUCE-HAVEN DRAGO MI16675	840003127718494						
SPRUCE-HAVEN DRC SX12274-ET	USA 69517610						
SPRUCE-HAVEN DRC SX12285-ET	USA 69517621						
SPRUCE-HAVEN DRC SX12293-ET	USA 69517629						
SPRUCE-HAVEN DRC SX12298-ET	USA 69517634						
SPRUCE-HAVEN DT BS14657-ET	USA 71631870						
SPRUCE-HAVEN DT BS14665-ET	USA 71631878						
SPRUCE-HAVEN DUR BS14434-ET	USA 71631647						3
SPRUCE-HAVEN DUR BS14440-ET	USA 71631653			C			3
SPRUCE-HAVEN DURABL SX14413	USA 71631626						3
SPRUCE-HAVEN EAR AN15132-ET	USA 72924610						
SPRUCE-HAVEN EAR AN15134-ET	USA 72924612						
SPRUCE-HAVEN EAR AN15138-ET	USA 72924616						
SPRUCE-HAVEN EAR AN15145-ET	USA 72924623						
SPRUCE-HAVEN EAR BJ14733-ET	USA 71631946						
SPRUCE-HAVEN EAR BJ14746-ET	USA 71631959						
SPRUCE-HAVEN EAR BJ14837-ET	USA 71632050						
SPRUCE-HAVEN EAR DE15934-ET	USA 72925412						
SPRUCE-HAVEN EAR KY15623-ET	USA 72925101						
SPRUCE-HAVEN EAR KY15627-ET	USA 72925105						
SPRUCE-HAVEN EAR KY15633-ET	USA 72925111						
SPRUCE-HAVEN ECO BJ14895-ET	USA 71632108						
SPRUCE-HAVEN ECO BJ15031-ET	USA 72924509						
SPRUCE-HAVEN ECO SX14521-ET	USA 71631734						
SPRUCE-HAVEN ECOYNE MZ14052	USA 71631265						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN EDW BJ12961-ET	USA 69518297						
SPRUCE-HAVEN EDW BJ12968-ET	USA 69518304						
SPRUCE-HAVEN EDW BJ12971-ET	USA 69518307						
SPRUCE-HAVEN EDW S12718-ET	USA 69518054						1
SPRUCE-HAVEN EDW S12724-ET	USA 69518060						
SPRUCE-HAVEN ELE BO14511-ET	USA 71631724						
SPRUCE-HAVEN ELE BO14561-ET	USA 71631774						
SPRUCE-HAVEN ELI BS12156-ET	USA 69517492						
SPRUCE-HAVEN ELM AE15907-ET	USA 72925385			C			
SPRUCE-HAVEN ELM KE15654-ET	USA 72925132						
SPRUCE-HAVEN EMB BJ15762-ET	USA 72925240						
SPRUCE-HAVEN EMB BJ15767-ET	USA 72925245						
SPRUCE-HAVEN EMBASS BS15717	USA 72925195						
SPRUCE-HAVEN EPC BJ13903-ET	USA 70609777						
SPRUCE-HAVEN EPC BJ13906-ET	USA 70609780						
SPRUCE-HAVEN EPC BJ13914-ET	USA 70609788						
SPRUCE-HAVEN EPC BJ13919-ET	USA 70609793						
SPRUCE-HAVEN EPC BJ13923-ET	USA 70609797						
SPRUCE-HAVEN EPC BJ13924-ET	USA 70609798						
SPRUCE-HAVEN EPC BJ13928-ET	USA 70609802						
SPRUCE-HAVEN EPC BJ13932-ET	USA 70609806						
SPRUCE-HAVEN EPC BJ13934-ET	USA 70609808						
SPRUCE-HAVEN EPC BJ14083-ET	USA 71631296						
SPRUCE-HAVEN EPC BJ14289-ET	USA 71631502						
SPRUCE-HAVEN EPC BJ14294-ET	USA 71631507						
SPRUCE-HAVEN EPC BJ14303-ET	USA 71631516						
SPRUCE-HAVEN EPC BO14634-ET	USA 71631847						
SPRUCE-HAVEN EPC KY14057-ET	USA 71631270						
SPRUCE-HAVEN EPC KY14091-ET	USA 71631304						
SPRUCE-HAVEN EPC KY14092-ET	USA 71631305						
SPRUCE-HAVEN EPC KY14097-ET	USA 71631310						
SPRUCE-HAVEN EPC KY14098-ET	USA 71631311						
SPRUCE-HAVEN EPC KY14104-ET	USA 71631317						
SPRUCE-HAVEN EPC LL14076-ET	USA 71631289						
SPRUCE-HAVEN EPC LL14175-ET	USA 71631388						
SPRUCE-HAVEN EPC LL14179-ET	USA 71631392						
SPRUCE-HAVEN EPC LL14186-ET	USA 71631399						
SPRUCE-HAVEN EPC MA13886-ET	USA 70609760						
SPRUCE-HAVEN EPC MA13888-ET	USA 70609762						
SPRUCE-HAVEN EPC MA13893-ET	USA 70609767						
SPRUCE-HAVEN EPC SS14108-ET	USA 71631321						
SPRUCE-HAVEN EPC SS14112-ET	USA 71631325						
SPRUCE-HAVEN EPC SS14122-ET	USA 71631335						
SPRUCE-HAVEN EPC SX14075-ET	USA 71631288						1
SPRUCE-HAVEN EPC SX14086-ET	USA 71631299						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN EPC SX14088-ET	USA 71631301						
SPRUCE-HAVEN EPC SX14100-ET	USA 71631313						
SPRUCE-HAVEN EPC SX14215-ET	USA 71631428						
SPRUCE-HAVEN ERD LL13765-ET	USA 70609639						
SPRUCE-HAVEN ERD SX13861-ET	USA 70609735						
SPRUCE-HAVEN ERD SX13870-ET	USA 70609744						
SPRUCE-HAVEN EXP BJ12739-ET	USA 69518075						
SPRUCE-HAVEN EXP BJ13613-ET	USA 70609487						
SPRUCE-HAVEN EXP BJ13653-ET	USA 70609527						
SPRUCE-HAVEN EXP BJ14940	USA 71632153						
SPRUCE-HAVEN EXP BS13675-ET	USA 70609549						
SPRUCE-HAVEN EXP BS13686-ET	USA 70609560						
SPRUCE-HAVEN EXP BS14147	USA 71631360						
SPRUCE-HAVEN EXP K13954-ET	USA 70609828						
SPRUCE-HAVEN EXP KY13940-ET	USA 70609814						
SPRUCE-HAVEN EXP KY13966-ET	USA 70609840						
SPRUCE-HAVEN EXP PR14047-ET	USA 71631260			C			
SPRUCE-HAVEN EXP PR14183-ET	USA 71631396						
SPRUCE-HAVEN EXP SX12861-ET	USA 69518197						
SPRUCE-HAVEN EXP SX12865-ET	USA 69518201						1
SPRUCE-HAVEN EXP SX12872-ET	USA 69518208						
SPRUCE-HAVEN EXP SX12875-ET	USA 69518211						1
SPRUCE-HAVEN EXP SX13637-ET	USA 70609511						
SPRUCE-HAVEN EXP SX14145-ET	USA 71631358						
SPRUCE-HAVEN EXPLODE 16669	840003127718488						
SPRUCE-HAVEN FAC BJ13790-ET	USA 70609664						
SPRUCE-HAVEN FAC BJ13803-ET	USA 70609677						
SPRUCE-HAVEN FAC BJ13804-ET	USA 70609678						
SPRUCE-HAVEN FAC LA13780-ET	USA 70609654						
SPRUCE-HAVEN FAC LA13784-ET	USA 70609658						
SPRUCE-HAVEN FAC LA13802-ET	USA 70609676						
SPRUCE-HAVEN FAC SX13779-ET	USA 70609653						
SPRUCE-HAVEN FAC SX13789-ET	USA 70609663						
SPRUCE-HAVEN FASTNT KY15663	USA 72925141						
SPRUCE-HAVEN FASTNT SX15583	USA 72925061						
SPRUCE-HAVEN FER ZP14445-ET	USA 71631658					C	
SPRUCE-HAVEN FER ZP14450-ET	USA 71631663						
SPRUCE-HAVEN FERNND CC15594	USA 72925072					C	
SPRUCE-HAVEN FERNND SU15656	USA 72925134						
SPRUCE-HAVEN FERNND SX15602	USA 72925080		C			C	
SPRUCE-HAVEN FERNND SX15611	USA 72925089						
SPRUCE-HAVEN FLCK D13375-ET	USA 70609249			C			
SPRUCE-HAVEN FLCK D13380-ET	USA 70609254			C			
SPRUCE-HAVEN FLCK D13387-ET	USA 70609261			C			
SPRUCE-HAVEN FLCK D13388-ET	USA 70609262		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
SPRUCE-HAVEN FLI DE13586-ET	USA 70609460			C			
SPRUCE-HAVEN FRA BS13764-ET	USA 70609638						
SPRUCE-HAVEN FRA BS13771-ET	USA 70609645						
SPRUCE-HAVEN FRD SX12943-ET	USA 69518279						1
SPRUCE-HAVEN FRD SX13211-ET	USA 70609085						
SPRUCE-HAVEN FRD SX13415-ET	USA 70609289						
SPRUCE-HAVEN FRE BJ15501-ET	USA 72924979						
SPRUCE-HAVEN FRE BJ15742-ET	USA 72925220						
SPRUCE-HAVEN FRE BJ15756-ET	USA 72925234						
SPRUCE-HAVEN FRE BJ15859-ET	USA 72925337						
SPRUCE-HAVEN FRE BJ15867-ET	USA 72925345						
SPRUCE-HAVEN FRE ED16083-ET	840003127717902						
SPRUCE-HAVEN FRE ED16105-ET	840003127717924						
SPRUCE-HAVEN FRE ED16120-ET	840003127717939						
SPRUCE-HAVEN FRE LX15567-ET	USA 72925045						
SPRUCE-HAVEN FRE LX15569-ET	USA 72925047						
SPRUCE-HAVEN FRE LX15850-ET	USA 72925328						
SPRUCE-HAVEN FRE LX15872-ET	USA 72925350						
SPRUCE-HAVEN FRE LX15881-ET	USA 72925359						
SPRUCE-HAVEN FRE LX51632-ET	USA 73914654						
SPRUCE-HAVEN FRE SP15741-ET	USA 72925219						
SPRUCE-HAVEN FRE SX16563-ET	840003127718382						
SPRUCE-HAVEN FRE SX16567-ET	840003127718386						
SPRUCE-HAVEN FRE SX16568-ET	840003127718387						
SPRUCE-HAVEN FRE SX16809-ET	840003127718628						
SPRUCE-HAVEN FRE SX16828-ET	840003127718647						
SPRUCE-HAVEN FRE SX17047-ET	840003135197348						
SPRUCE-HAVEN FRE SX17163-ET	840003135197464						
SPRUCE-HAVEN FRE WS15624-ET	USA 72925102						
SPRUCE-HAVEN FRE WS15640-ET	USA 72925118						
SPRUCE-HAVEN FRE WS15648-ET	USA 72925126						
SPRUCE-HAVEN FRED A13181-ET	USA 70609055						
SPRUCE-HAVEN FRED A13182-ET	USA 70609056						
SPRUCE-HAVEN FRED S12083-ET	USA 69517419						
SPRUCE-HAVEN FREDDI BJ14358	USA 71631571			C			
SPRUCE-HAVEN FREDDI BJ16707	840003127718526						
SPRUCE-HAVEN FREDDI BS16598	840003127718417						
SPRUCE-HAVEN FREDDI KE16259	840003127718078						
SPRUCE-HAVEN FREDDI KL16498	840003127718317						
SPRUCE-HAVEN FREDDI KY16562	840003127718381						
SPRUCE-HAVEN FREDDI MI16491	840003127718310			C			
SPRUCE-HAVEN FREDDI SX14922	USA 71632135						
SPRUCE-HAVEN FREDDI WN15469	USA 72924947			C			
SPRUCE-HAVEN FREDDI WS16784	840003127718603						
SPRUCE-HAVEN GAB AL15598-ET	USA 72925076						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN GAB AL15618-ET	USA 72925096						
SPRUCE-HAVEN GAB AL15625-ET	USA 72925103						
SPRUCE-HAVEN GAB BJ12712-ET	USA 69518048						
SPRUCE-HAVEN GAB MI15412-ET	USA 72924890						
SPRUCE-HAVEN GAB MI15431-ET	USA 72924909						
SPRUCE-HAVEN GAB MS15599-ET	USA 72925077						
SPRUCE-HAVEN GAB MS15615-ET	USA 72925093						
SPRUCE-HAVEN GAB SX15440-ET	USA 72924918						
SPRUCE-HAVEN GAB SX15442-ET	USA 72924920						
SPRUCE-HAVEN GAB SX15445-ET	USA 72924923						
SPRUCE-HAVEN GAB SX15525-ET	USA 72925003						
SPRUCE-HAVEN GABINO BJ15205	USA 72924683						
SPRUCE-HAVEN GABOR 16601	840003127718420						
SPRUCE-HAVEN GABOR BJ15354	USA 72924832					C	
SPRUCE-HAVEN GABOR BJ15499	USA 72924977						
SPRUCE-HAVEN GABOR BJ16064	840003127717883						
SPRUCE-HAVEN GABOR LM15387	USA 72924865						
SPRUCE-HAVEN GABOR MI 15419	USA 72924897						
SPRUCE-HAVEN GABOR MI 16009	840003127717828		C				
SPRUCE-HAVEN GABOR SS 15420	USA 72924898						
SPRUCE-HAVEN GABOR SX15494	USA 72924972						
SPRUCE-HAVEN GABR BJ15438-ET	USA 72924916						
SPRUCE-HAVEN GAL AN15331-ET	USA 72924809						
SPRUCE-HAVEN GAL AN15786-ET	USA 72925264						
SPRUCE-HAVEN GAL BS15026-ET	USA 72924504						
SPRUCE-HAVEN GAL BS15073-ET	USA 72924551						
SPRUCE-HAVEN GAL BS15280-ET	USA 72924758						
SPRUCE-HAVEN GAL BS15281-ET	USA 72924759						
SPRUCE-HAVEN GAL LL14704-ET	USA 71631917			C			
SPRUCE-HAVEN GAL LL14714-ET	USA 71631927			C			
SPRUCE-HAVEN GAL LL14719-ET	USA 71631932						
SPRUCE-HAVEN GAL RY14675-ET	USA 71631888						1
SPRUCE-HAVEN GAL RY14688-ET	USA 71631901						
SPRUCE-HAVEN GAL SX14794-ET	USA 71632007						
SPRUCE-HAVEN GAL SX14797-ET	USA 71632010						
SPRUCE-HAVEN GAL SX14914-ET	USA 71632127						
SPRUCE-HAVEN GAL SX14929-ET	USA 71632142						
SPRUCE-HAVEN GAL SX15066-ET	USA 72924544		C				
SPRUCE-HAVEN GAL SX15241-ET	USA 72924719						
SPRUCE-HAVEN GALAXY BJ15585	USA 72925063						
SPRUCE-HAVEN GARR K13563-ET	USA 70609437						
SPRUCE-HAVEN GARRETT K13525	USA 70609399						
SPRUCE-HAVEN GAUGE LL16901	840003127718720						
SPRUCE-HAVEN GEN AN15866-ET	USA 72925344						
SPRUCE-HAVEN GEN AN15879-ET	USA 72925357						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN GEN KY15815-ET	USA 72925293						
SPRUCE-HAVEN GEN WS15929-ET	USA 72925407						
SPRUCE-HAVEN GEN WS15936-ET	USA 72925414						
SPRUCE-HAVEN GEN WS15937-ET	USA 72925415						
SPRUCE-HAVEN GEN WS15946-ET	USA 72925424						
SPRUCE-HAVEN GEN WS16228-ET	840003127718047						
SPRUCE-HAVEN GEN WS16231-ET	840003127718050						
SPRUCE-HAVEN GEN WS16243-ET	840003127718062						
SPRUCE-HAVEN GEN ZP15939-ET	USA 72925417						
SPRUCE-HAVEN GEN ZP15943-ET	USA 72925421			C			
SPRUCE-HAVEN GEN ZP15947-ET	USA 72925425						
SPRUCE-HAVEN GEN ZP15950-ET	USA 72925428			C			
SPRUCE-HAVEN GEN ZP15953-ET	USA 72925431						
SPRUCE-HAVEN GEN ZP15969-ET	USA 72925447			C			
SPRUCE-HAVEN GENOM BJ16416	840003127718235						
SPRUCE-HAVEN GIL AN15270-ET	USA 72924748						
SPRUCE-HAVEN GIL BJ16191-ET	840003127718010						
SPRUCE-HAVEN GIL BJ16201-ET	840003127718020						
SPRUCE-HAVEN GIL CP16291-ET	840003127718110						
SPRUCE-HAVEN GIL CP16307-ET	840003127718126						
SPRUCE-HAVEN GIL KE15761-ET	USA 72925239						
SPRUCE-HAVEN GIL KE15924-ET	USA 72925402						
SPRUCE-HAVEN GIL KE15927-ET	USA 72925405						
SPRUCE-HAVEN GIL KE15928-ET	USA 72925406						
SPRUCE-HAVEN GIL KE16175-ET	840003127717994						
SPRUCE-HAVEN GIL LX15512-ET	USA 72924990						
SPRUCE-HAVEN GIL LX15527-ET	USA 72925005						
SPRUCE-HAVEN GIL SX16286-ET	840003127718105						
SPRUCE-HAVEN GIL SX16287-ET	840003127718106						
SPRUCE-HAVEN GIL SX16288-ET	840003127718107						
SPRUCE-HAVEN GIL SX16408-ET	840003127718227						
SPRUCE-HAVEN GIL SX16756-ET	840003127718575						
SPRUCE-HAVEN GIL SX16764-ET	840003127718583						
SPRUCE-HAVEN GILLES BJ14988	USA 71632201						
SPRUCE-HAVEN GILLES RY15504	USA 72924982						
SPRUCE-HAVEN GILLES SX16570	840003127718389						
SPRUCE-HAVEN GILLSP BJ15252	USA 72924730						
SPRUCE-HAVEN GILLSP SX15253	USA 72924731						1
SPRUCE-HAVEN GRA BJ17161-ET	840003135197462						
SPRUCE-HAVEN GRA LL15243-ET	USA 72924721						
SPRUCE-HAVEN GRA LL15246-ET	USA 72924724						
SPRUCE-HAVEN GRA LL15257-ET	USA 72924735			C			
SPRUCE-HAVEN GRA LX15460-ET	USA 72924938						
SPRUCE-HAVEN GRA LX15464-ET	USA 72924942						
SPRUCE-HAVEN GRA LX15670-ET	USA 72925148						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
SPRUCE-HAVEN GRA LX15683-ET	USA 72925161						1
SPRUCE-HAVEN GRAF JET15571	USA 72925049						1
SPRUCE-HAVEN GRAFEE RS17172	840003135197473						
SPRUCE-HAVEN GRAFEETI 16902	840003127718721						
SPRUCE-HAVEN GRAFEETI 17065	840003135197366						1
SPRUCE-HAVEN GRAFET KL17059	840003135197360					C	1
SPRUCE-HAVEN GRAFET SX17081	840003135197382						
SPRUCE-HAVEN GRAFTI BS17122	840003135197423						
SPRUCE-HAVEN GRAFTI HZ15610	USA 72925088					C	
SPRUCE-HAVEN GREAT LL16720	840003127718539			C			
SPRUCE-HAVEN GREATS RY16646	840003127718465						
SPRUCE-HAVEN GRETST BS17100	840003135197401						
SPRUCE-HAVEN GRETST RU16610	840003127718429						
SPRUCE-HAVEN GRF AA15126-ET	USA 72924604						1
SPRUCE-HAVEN GRF LL15159-ET	USA 72924637						
SPRUCE-HAVEN GRT BJ16676-TW	840003127718495						
SPRUCE-HAVEN GRT BJ16677-TW	840003127718496						
SPRUCE-HAVEN GRT BJ17112-ET	840003135197413						
SPRUCE-HAVEN GRT WS16739-ET	840003127718558						
SPRUCE-HAVEN GRT WS16746-ET	840003127718565						
SPRUCE-HAVEN GRT WS16753-ET	840003127718572						
SPRUCE-HAVEN GRT WS16768-ET	840003127718587						
SPRUCE-HAVEN GRT WS16777-ET	840003127718596						
SPRUCE-HAVEN GRT WS16781-ET	840003127718600						
SPRUCE-HAVEN GUL BJ15908-ET	USA 72925386						
SPRUCE-HAVEN GUL BJ15983-ET	USA 72925461						
SPRUCE-HAVEN GUL BJ16002-ET	840003127717821						
SPRUCE-HAVEN GUL LL15892-ET	USA 72925370						
SPRUCE-HAVEN GUL LL15897-ET	USA 72925375			C			
SPRUCE-HAVEN GUL LL16479-ET	840003127718298						
SPRUCE-HAVEN GUL LL16504-ET	840003127718323						
SPRUCE-HAVEN GUL SX15916-ET	USA 72925394						
SPRUCE-HAVEN GULF BJ15088	USA 72924566						
SPRUCE-HAVEN GULF BJ15225	USA 72924703					C	
SPRUCE-HAVEN GULF BS15954	USA 72925432						
SPRUCE-HAVEN GULF BS16226	840003127718045						
SPRUCE-HAVEN GULF BS16442	840003127718261						
SPRUCE-HAVEN GULF KY16039	840003127717858						
SPRUCE-HAVEN GULF LM16242	840003127718061						
SPRUCE-HAVEN GULF LZ16241	840003127718060						
SPRUCE-HAVEN GULF MI16066	840003127717885						
SPRUCE-HAVEN GULF SO16040	840003127717859						
SPRUCE-HAVEN GULF ZP15463	USA 72924941						
SPRUCE-HAVEN GUTHRI AA13872	USA 70609746						
SPRUCE-HAVEN GUTHRI BS13881	USA 70609755						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN GUTHRIE W13610	USA 70609484			C			
SPRUCE-HAVEN HAL AN17039-ET	840003135197340						
SPRUCE-HAVEN HAL AN17057-ET	840003135197358						
SPRUCE-HAVEN HAYDEN 12710	USA 69518046			C			
SPRUCE-HAVEN HIGHW LZ14310	USA 71631523		C				
SPRUCE-HAVEN HIGHWY SX14869	USA 71632082						
SPRUCE-HAVEN HIL BJ13359-ET	USA 70609233						
SPRUCE-HAVEN HIL BJ15840-ET	USA 72925318						
SPRUCE-HAVEN HIL BJ15861-ET	USA 72925339						
SPRUCE-HAVEN HIL BS13603-ET	USA 70609477						
SPRUCE-HAVEN HIL BS13619-ET	USA 70609493						
SPRUCE-HAVEN HIL KL15901-ET	USA 72925379						
SPRUCE-HAVEN HIL KL15904-ET	USA 72925382						
SPRUCE-HAVEN HIL KL15909-ET	USA 72925387						
SPRUCE-HAVEN HIL KL15910-ET	USA 72925388		C				
SPRUCE-HAVEN HIL KL15911-ET	USA 72925389		C				
SPRUCE-HAVEN HIL LA15968-ET	USA 72925446						
SPRUCE-HAVEN HIL PR15696-ET	USA 72925174			C			
SPRUCE-HAVEN HIL PR15716-ET	USA 72925194			C			
SPRUCE-HAVEN HIL PR15730-ET	USA 72925208			C			
SPRUCE-HAVEN HIL PR15745-ET	USA 72925223			C			
SPRUCE-HAVEN HILL K13372-ET	USA 70609246						1
SPRUCE-HAVEN HILL K13512-ET	USA 70609386						
SPRUCE-HAVEN HILL L13535-ET	USA 70609409						
SPRUCE-HAVEN HILL SX17177	840003135197478						
SPRUCE-HAVEN HIS BJ15752-ET	USA 72925230				C		
SPRUCE-HAVEN HIS LL15465-ET	USA 72924943						
SPRUCE-HAVEN HIS LL15468-ET	USA 72924946				C		
SPRUCE-HAVEN HIS LL15472-ET	USA 72924950				C		
SPRUCE-HAVEN HIS LL15475-ET	USA 72924953			C			
SPRUCE-HAVEN HIS LL15481-ET	USA 72924959						
SPRUCE-HAVEN HIS MI15551-ET	USA 72925029						
SPRUCE-HAVEN HISTORY 16187	840003127718006						
SPRUCE-HAVEN HISTRY KL16121	840003127717940						
SPRUCE-HAVEN HOORAY SU16745	840003127718564						
SPRUCE-HAVEN HWY BO14412-ET	USA 71631625						
SPRUCE-HAVEN HWY BO14429-ET	USA 71631642						
SPRUCE-HAVEN HY RX15574-RED	USA 72925052						
SPRUCE-HAVEN HYD BO16079-ET	840003127717898						
SPRUCE-HAVEN HYDRO BS16202	840003127718021						
SPRUCE-HAVEN IMPRES BJ16343	840003127718162						
SPRUCE-HAVEN IMPRES WT16341	840003127718160						
SPRUCE-HAVEN INDY SX14519	USA 71631732						
SPRUCE-HAVEN INS BS13752-ET	USA 70609626						
SPRUCE-HAVEN INSPECT D14005	USA 71631218						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN IOT MI16101-ET	840003127717920						
SPRUCE-HAVEN IOT MI16102-ET	840003127717921						
SPRUCE-HAVEN IOT MI16106-ET	840003127717925						
SPRUCE-HAVEN IOT SX13006-ET	USA 70608880						
SPRUCE-HAVEN IOT SX13013-ET	USA 70608887						
SPRUCE-HAVEN IOT SX13753-ET	USA 70609627						
SPRUCE-HAVEN IOT SX13759-ET	USA 70609633						
SPRUCE-HAVEN IOT SX13760-ET	USA 70609634						
SPRUCE-HAVEN IOTA BJ14095	USA 71631308						
SPRUCE-HAVEN IOTA KE16959	840003127718778						
SPRUCE-HAVEN IOTA LL16617	840003127718436						
SPRUCE-HAVEN IOTA S12999	USA 69518335						
SPRUCE-HAVEN IOTA SX13340	USA 70609214						
SPRUCE-HAVEN IOTA SX13602	USA 70609476						
SPRUCE-HAVEN IOTA SX16257	840003127718076						
SPRUCE-HAVEN IOTA SX16430	840003127718249						
SPRUCE-HAVEN JAB BJ15368-ET	USA 72924846					C	
SPRUCE-HAVEN JAB BJ15581-ET	USA 72925059						
SPRUCE-HAVEN JAB BO15505-ET	USA 72924983						
SPRUCE-HAVEN JAB BO15507-ET	USA 72924985						
SPRUCE-HAVEN JAB BO15510-ET	USA 72924988						
SPRUCE-HAVEN JAB BO15515-ET	USA 72924993						
SPRUCE-HAVEN JAB MC15562-ET	USA 72925040						
SPRUCE-HAVEN JAB MC15773-ET	USA 72925251						
SPRUCE-HAVEN JAB SX15375-ET	USA 72924853						
SPRUCE-HAVEN JAB SX15380-ET	USA 72924858						
SPRUCE-HAVEN JAB SX15395-ET	USA 72924873						
SPRUCE-HAVEN JAC BJ16159-ET	840003127717978						
SPRUCE-HAVEN JAC BJ16178-ET	840003127717997						
SPRUCE-HAVEN JAC BJ16179-ET	840003127717998						
SPRUCE-HAVEN JAC CA15454-ET	USA 72924932						
SPRUCE-HAVEN JAC CA15467-ET	USA 72924945						
SPRUCE-HAVEN JAC LL14944-ET	USA 71632157			C			
SPRUCE-HAVEN JAC LL14952-ET	USA 71632165						
SPRUCE-HAVEN JAC PR16217-ET	840003127718036						
SPRUCE-HAVEN JAC PR16225-ET	840003127718044			C			
SPRUCE-HAVEN JAC SK15439-ET	USA 72924917						
SPRUCE-HAVEN JAV BJ12595-ET	USA 69517931						
SPRUCE-HAVEN JAY BJ16841-ET	840003127718660						
SPRUCE-HAVEN JAY SX16752-ET	840003127718571						
SPRUCE-HAVEN JAY SX16754-ET	840003127718573						
SPRUCE-HAVEN JAY SX16755-ET	840003127718574						
SPRUCE-HAVEN JAY SX16757-ET	840003127718576						
SPRUCE-HAVEN JAY SX16769-ET	840003127718588						
SPRUCE-HAVEN JAY SX16770-ET	840003127718589						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN JAY SX16858-ET	840003127718677						
SPRUCE-HAVEN JAYDEN AL16506	840003127718325						
SPRUCE-HAVEN JAYDEN BJ16511	840003127718330						
SPRUCE-HAVEN JAYDEN BS16977	840003127718796						
SPRUCE-HAVEN JAYDEN JT16514	840003127718333						1
SPRUCE-HAVEN JAYDEN SX16369	840003127718188						
SPRUCE-HAVEN JAYDEN SX16475	840003127718294						
SPRUCE-HAVEN JEROD SX15586	USA 72925064						
SPRUCE-HAVEN JET AE15991-ET	USA 72925469						
SPRUCE-HAVEN JET AE15995-ET	USA 72925473						
SPRUCE-HAVEN JET AE16010-ET	840003127717829						
SPRUCE-HAVEN JET AL15607-ET	USA 72925085						
SPRUCE-HAVEN JET AN16487-ET	840003127718306						
SPRUCE-HAVEN JET AN16488-ET	840003127718307						
SPRUCE-HAVEN JET AN16500-ET	840003127718319						
SPRUCE-HAVEN JET AN16502-ET	840003127718321						
SPRUCE-HAVEN JET BJ15841-ET	USA 72925319						
SPRUCE-HAVEN JET BJ15846-ET	USA 72925324						
SPRUCE-HAVEN JET BJ15848-ET	USA 72925326						
SPRUCE-HAVEN JET BJ15971-ET	USA 72925449						3
SPRUCE-HAVEN JET BJ16296-ET	840003127718115						
SPRUCE-HAVEN JET BJ16305-ET	840003127718124						
SPRUCE-HAVEN JET BJ16314-ET	840003127718133						
SPRUCE-HAVEN JET BJ16356-ET	840003127718175						
SPRUCE-HAVEN JET BJ16525-ET	840003127718344						
SPRUCE-HAVEN JET BJ16624-ET	840003127718443						
SPRUCE-HAVEN JET BJ16625-ET	840003127718444						
SPRUCE-HAVEN JET CA15733-ET	USA 72925211						
SPRUCE-HAVEN JET CA15828-ET	USA 72925306						
SPRUCE-HAVEN JET CP16390-ET	840003127718209						
SPRUCE-HAVEN JET SX16271-ET	840003127718090						
SPRUCE-HAVEN JET SX16298-ET	840003127718117						
SPRUCE-HAVEN JET SX16566-ET	840003127718385						
SPRUCE-HAVEN JET SX16573-ET	840003127718392						
SPRUCE-HAVEN JETAIR BJ16322	840003127718141						
SPRUCE-HAVEN JETAIR KY16306	840003127718125						
SPRUCE-HAVEN JETT AIR 16347	840003127718166						
SPRUCE-HAVEN JETTAR BS16417	840003127718236						
SPRUCE-HAVEN JETTAR LE16463	840003127718282						
SPRUCE-HAVEN JETTAR SO16427	840003127718246						
SPRUCE-HAVEN JIV BS13077-ET	USA 70608951						
SPRUCE-HAVEN JIV BS13079-ET	USA 70608953						
SPRUCE-HAVEN JIV BS13085-ET	USA 70608959						
SPRUCE-HAVEN JIV BS13087-ET	USA 70608961						
SPRUCE-HAVEN JIV BS13095-ET	USA 70608969						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN JIV BS13098-ET	USA 70608972						
SPRUCE-HAVEN JIV BS13692-ET	USA 70609566						
SPRUCE-HAVEN JIVE A13459-ET	USA 70609333						
SPRUCE-HAVEN JIVE A13470-ET	USA 70609344						
SPRUCE-HAVEN JIVE B13423-ET	USA 70609297						
SPRUCE-HAVEN JIVE B13427-ET	USA 70609301						
SPRUCE-HAVEN JIVE K13697-ET	USA 70609571						
SPRUCE-HAVEN JIVE K13706-ET	USA 70609580						
SPRUCE-HAVEN JIVE K13707-ET	USA 70609581						
SPRUCE-HAVEN JIVE K13709-ET	USA 70609583						
SPRUCE-HAVEN JIVE K13714-ET	USA 70609588						
SPRUCE-HAVEN JKM BJ15297-ET	USA 72924775			C			
SPRUCE-HAVEN JKM BJ15313-ET	USA 72924791						1
SPRUCE-HAVEN JKM BJ15317-ET	USA 72924795			C			1
SPRUCE-HAVEN JKM BJ15359-ET	USA 72924837			C			
SPRUCE-HAVEN JKM BJ15370-ET	USA 72924848			C			
SPRUCE-HAVEN JKM BJ15371-ET	USA 72924849			C			
SPRUCE-HAVEN JKM BJ15379-ET	USA 72924857			C			
SPRUCE-HAVEN JKM BJ15385-ET	USA 72924863			C			
SPRUCE-HAVEN JKM BJ15724-ET	USA 72925202						1
SPRUCE-HAVEN JKM BJ15725-ET	USA 72925203						
SPRUCE-HAVEN JKM MI15500-ET	USA 72924978			C			
SPRUCE-HAVEN JKM RX15433-ET	USA 72924911			C			
SPRUCE-HAVEN JKM RX15447-ET	USA 72924925			C			
SPRUCE-HAVEN JOH LA15345-ET	USA 72924823			C			
SPRUCE-HAVEN JOH LA15360-ET	USA 72924838						
SPRUCE-HAVEN JOH LA15423-ET	USA 72924901						
SPRUCE-HAVEN JOH LA15434-ET	USA 72924912						
SPRUCE-HAVEN JTSTRM 9074-ET	USA 65493867						
SPRUCE-HAVEN JTT LA15588-ET	USA 72925066						
SPRUCE-HAVEN JTT LA15590-ET	USA 72925068						
SPRUCE-HAVEN JTT LA15592-ET	USA 72925070						
SPRUCE-HAVEN JTT SX15614-ET	USA 72925092						
SPRUCE-HAVEN JUPI S13124-ET	USA 70608998			C			
SPRUCE-HAVEN JUPITER 12857	USA 69518193			C			
SPRUCE-HAVEN JUS KM16406-ET	840003127718225						
SPRUCE-HAVEN JUS KM16594-ET	840003127718413						
SPRUCE-HAVEN JUS RY16405-ET	840003127718224					C	
SPRUCE-HAVEN JUS RY16409-ET	840003127718228						
SPRUCE-HAVEN JUS RY16414-ET	840003127718233						
SPRUCE-HAVEN JUS RY16424-ET	840003127718243						
SPRUCE-HAVEN JUS SX16520-ET	840003127718339						
SPRUCE-HAVEN JUS SX16526-ET	840003127718345						
SPRUCE-HAVEN K10697 BJ14451	USA 71631664					C	
SPRUCE-HAVEN K10697 BS14355	USA 71631568						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN K13213-RED-ET	USA 70609087						
SPRUCE-HAVEN KID SU 16091	840003127717910						
SPRUCE-HAVEN KID ZIP 16239	840003127718058						
SPRUCE-HAVEN KIN BJ16110-ET	840003127717929						
SPRUCE-HAVEN KIN CA16252-ET	840003127718071						
SPRUCE-HAVEN KIN CA16268-ET	840003127718087						
SPRUCE-HAVEN KIN KY16139-ET	840003127717958						
SPRUCE-HAVEN KIN KY16155-ET	840003127717974						
SPRUCE-HAVEN KIN KY16157-ET	840003127717976						
SPRUCE-HAVEN KIN RY16148-ET	840003127717967						
SPRUCE-HAVEN KIN RY16153-ET	840003127717972						
SPRUCE-HAVEN KIN RY16166-ET	840003127717985						
SPRUCE-HAVEN KIN WS16107-ET	840003127717926						
SPRUCE-HAVEN KIN WS16111-ET	840003127717930						
SPRUCE-HAVEN KIN WS16116-ET	840003127717935						
SPRUCE-HAVEN KING KY14986	USA 71632199						
SPRUCE-HAVEN KL15104-RED-ET	USA 72924582					C	
SPRUCE-HAVEN KL15115-RED-ET	USA 72924593					C	
SPRUCE-HAVEN KL15118-RED-ET	USA 72924596					C	
SPRUCE-HAVEN KNG BJ14399-ET	USA 71631612			C			3
SPRUCE-HAVEN KNG BJ14425-ET	USA 71631638						
SPRUCE-HAVEN KOL BJ13897-ET	USA 70609771					C	
SPRUCE-HAVEN KOL BJ13944-ET	USA 70609818					C	
SPRUCE-HAVEN KOO BJ13770-ET	USA 70609644						
SPRUCE-HAVEN KOO BJ13773-ET	USA 70609647						
SPRUCE-HAVEN KOO BJ13776-ET	USA 70609650						
SPRUCE-HAVEN KRM SX14195-ET	USA 71631408						
SPRUCE-HAVEN KRUNCH KY15208	USA 72924686						1
SPRUCE-HAVEN KY14201-RED-ET	USA 71631414						
SPRUCE-HAVEN KY14212-RED-ET	USA 71631425						1
SPRUCE-HAVEN KY14219-RED-ET	USA 71631432						1
SPRUCE-HAVEN KY14220-RED-ET	USA 71631433						1
SPRUCE-HAVEN KY14224-RED-ET	USA 71631437						
SPRUCE-HAVEN KY14876-RED-ET	USA 71632089						
SPRUCE-HAVEN KY14894-RED-ET	USA 71632107						
SPRUCE-HAVEN KY15914-RED-ET	USA 72925392						
SPRUCE-HAVEN KY15945-RED-ET	USA 72925423						
SPRUCE-HAVEN LA KY16569-RED	840003127718388						
SPRUCE-HAVEN LA15155-RED-ET	USA 72924633					C	
SPRUCE-HAVEN LA15157-RED-ET	USA 72924635						
SPRUCE-HAVEN LAD BJ16553-TW	840003127718372			C			
SPRUCE-HAVEN LAD SX16664-TW	840003127718483						
SPRUCE-HAVEN LAD SX16665-TW	840003127718484						
SPRUCE-HAVEN LADD KE16716	840003127718535						
SPRUCE-HAVEN LADD KY16326	840003127718145						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
SPRUCE-HAVEN LADDY 16597	840003127718416						
SPRUCE-HAVEN LADDY 16632	840003127718451						
SPRUCE-HAVEN LADDY BS16616	840003127718435			C			
SPRUCE-HAVEN LAGRND BS15921	USA 72925399						
SPRUCE-HAVEN LAGRND SX15923	USA 72925401			C			
SPRUCE-HAVEN LAGRND ZP16100	840003127717919						
SPRUCE-HAVEN LANDRY SX12977	USA 69518313						
SPRUCE-HAVEN LAR BJ14281-ET	USA 71631494		C				
SPRUCE-HAVEN LAR BJ14293-ET	USA 71631506		C				3
SPRUCE-HAVEN LAR BJ14304-ET	USA 71631517		C				
SPRUCE-HAVEN LAR BJ14317-ET	USA 71631530		C				
SPRUCE-HAVEN LAR BJ14391-ET	USA 71631604						3
SPRUCE-HAVEN LAR WN15273-ET	USA 72924751			C			
SPRUCE-HAVEN LAR WN15274-ET	USA 72924752			C			
SPRUCE-HAVEN LARGE BJ15128	USA 72924606						
SPRUCE-HAVEN LARGE LZ15131	USA 72924609						
SPRUCE-HAVEN LARRY 14001	USA 71631214						
SPRUCE-HAVEN LARRY 14002	USA 71631215						
SPRUCE-HAVEN LARRY 14003	USA 71631216						
SPRUCE-HAVEN LAT AA14700-ET	USA 71631913						1
SPRUCE-HAVEN LAT AA14839-ET	USA 71632052						
SPRUCE-HAVEN LAT AN15546-ET	USA 72925024						1
SPRUCE-HAVEN LAT AN15596-ET	USA 72925074						1
SPRUCE-HAVEN LAT AN15774-ET	USA 72925252						
SPRUCE-HAVEN LAT BS14987-ET	USA 71632200						
SPRUCE-HAVEN LAT BS15015-ET	USA 72924493						
SPRUCE-HAVEN LAT SX15056-ET	USA 72924534						1
SPRUCE-HAVEN LATIMR LX15755	USA 72925233						1
SPRUCE-HAVEN LATIMR WN15130	USA 72924608		C				1
SPRUCE-HAVEN LAY BJ14430-ET	USA 71631643						
SPRUCE-HAVEN LAY BJ14467-ET	USA 71631680						
SPRUCE-HAVEN LAY BJ15035-ET	USA 72924513						
SPRUCE-HAVEN LAY BJ15137-ET	USA 72924615						
SPRUCE-HAVEN LAY BJ15190-ET	USA 72924668						
SPRUCE-HAVEN LAY BJ15194-ET	USA 72924672						
SPRUCE-HAVEN LAY BJ15197-ET	USA 72924675						
SPRUCE-HAVEN LAY BJ15216-ET	USA 72924694						
SPRUCE-HAVEN LAY BJ15242-ET	USA 72924720						
SPRUCE-HAVEN LAY BJ15249-ET	USA 72924727						
SPRUCE-HAVEN LAY BJ15263-ET	USA 72924741						
SPRUCE-HAVEN LAY BJ16223-ET	840003127718042						
SPRUCE-HAVEN LAY BJ16224-ET	840003127718043						
SPRUCE-HAVEN LAY BJ16374-ET	840003127718193						
SPRUCE-HAVEN LAY BO14498-ET	USA 71631711						
SPRUCE-HAVEN LAY SX15023-ET	USA 72924501						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN LAYNE BJ 14352	USA 71631565					C	
SPRUCE-HAVEN LAYNE SX14728	USA 71631941						
SPRUCE-HAVEN LEAF BJ16637	840003127718456						
SPRUCE-HAVEN LEAF BJ16886	840003127718705					C	
SPRUCE-HAVEN LEG BJ16207-ET	840003127718026						
SPRUCE-HAVEN LEG MI16203-TW	840003127718022		C				
SPRUCE-HAVEN LEG MI16204-TW	840003127718023						
SPRUCE-HAVEN LEGEND AL16186	840003127718005						
SPRUCE-HAVEN LEGEND AN16683	840003127718502		C				
SPRUCE-HAVEN LEGEND BJ16233	840003127718052		C				
SPRUCE-HAVEN LEGEND BS16077	840003127717896						
SPRUCE-HAVEN LEGEND BS16196	840003127718015		C				
SPRUCE-HAVEN LEGEND DC16117	840003127717936						1
SPRUCE-HAVEN LEGEND DC16143	840003127717962						
SPRUCE-HAVEN LEGEND DC16200	840003127718019		C				3
SPRUCE-HAVEN LEGEND LM16205	840003127718024						
SPRUCE-HAVEN LEGEND SX16209	840003127718028		C				
SPRUCE-HAVEN LEROUX 16528	840003127718347						
SPRUCE-HAVEN LEROUX LM16564	840003127718383			C			
SPRUCE-HAVEN LEV BJ14227-ET	USA 71631440						
SPRUCE-HAVEN LEV MA14150-ET	USA 71631363						
SPRUCE-HAVEN LEVI BS13883	USA 70609757						
SPRUCE-HAVEN LEVI MA14932	USA 71632145						
SPRUCE-HAVEN LEVI SX14163	USA 71631376			C			
SPRUCE-HAVEN LEX BJ14119-ET	USA 71631332						
SPRUCE-HAVEN LEX BJ14131-ET	USA 71631344						
SPRUCE-HAVEN LEX BJ14132-ET	USA 71631345						
SPRUCE-HAVEN LEX BJ14682-ET	USA 71631895						
SPRUCE-HAVEN LEX SX14587-ET	USA 71631800						
SPRUCE-HAVEN LEX SX14931-ET	USA 71632144						
SPRUCE-HAVEN LEX SX14959-ET	USA 71632172						
SPRUCE-HAVEN LEXOR BJ15005	USA 72924483						
SPRUCE-HAVEN LEXOR BS15006	USA 72924484						
SPRUCE-HAVEN LINCLN SX14522	USA 71631735					C	
SPRUCE-HAVEN LINEAL BJ16580	840003127718399						
SPRUCE-HAVEN LINEAL BJ16593	840003127718412						
SPRUCE-HAVEN LINEAL SX16667	840003127718486			C			
SPRUCE-HAVEN LL16183-RED-ET	840003127718002						1
SPRUCE-HAVEN LOT AL16375-ET	840003127718194						
SPRUCE-HAVEN LOT AL16627-ET	840003127718446						
SPRUCE-HAVEN LOT RY16513-ET	840003127718332						
SPRUCE-HAVEN LOTTOM WS16899	840003127718718						
SPRUCE-HAVEN LOU RU14631-ET	USA 71631844						
SPRUCE-HAVEN LRG BJ13953-ET	USA 70609827						
SPRUCE-HAVEN LRG BJ13961-ET	USA 70609835						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN LRG BJ13962-ET	USA 70609836						
SPRUCE-HAVEN LRG LL13951-ET	USA 70609825						
SPRUCE-HAVEN LRG SX14683-TW	USA 71631896						
SPRUCE-HAVEN LUC BJ16422-ET	840003127718241						
SPRUCE-HAVEN LUCID BJ 16420	840003127718239			C			
SPRUCE-HAVEN LUCID BS17004	840003135197305						
SPRUCE-HAVEN LUCID SX16848	840003127718667						
SPRUCE-HAVEN MAC BJ11936-ET	USA 66758693						
SPRUCE-HAVEN MAD BJ15796-ET	USA 72925274						
SPRUCE-HAVEN MAD BJ15820-ET	USA 72925298			C			
SPRUCE-HAVEN MAD CA15877-ET	USA 72925355						
SPRUCE-HAVEN MAD CA15895-ET	USA 72925373			C			
SPRUCE-HAVEN MAD CA15899-ET	USA 72925377			C			
SPRUCE-HAVEN MADEA BJ16398	840003127718217						3
SPRUCE-HAVEN MAGNUS SX13978	USA 70609852						
SPRUCE-HAVEN MAGNUS SX14010	USA 71631223						
SPRUCE-HAVEN MAN AN16565-ET	840003127718384						
SPRUCE-HAVEN MAN AN16571-ET	840003127718390						
SPRUCE-HAVEN MAN MI16561-ET	840003127718380			C			
SPRUCE-HAVEN MANFLD AN16609	840003127718428						
SPRUCE-HAVEN MANFLD BJ16607	840003127718426			C			
SPRUCE-HAVEN MANFLD BJ17080	840003135197381			C			
SPRUCE-HAVEN MANFLD RU17034	840003135197335			C			
SPRUCE-HAVEN MANFLD WS17027	840003135197328			C			
SPRUCE-HAVEN MANMN2 SX16670	840003127718489						
SPRUCE-HAVEN MAR BJ13632-ET	USA 70609506						
SPRUCE-HAVEN MAR BJ16267-ET	840003127718086						
SPRUCE-HAVEN MAR LL17060-ET	840003135197361						
SPRUCE-HAVEN MAR LL17062-ET	840003135197363						
SPRUCE-HAVEN MAR LL17066-ET	840003135197367						
SPRUCE-HAVEN MAR LL17070-ET	840003135197371						
SPRUCE-HAVEN MAR LX17084-ET	840003135197385						
SPRUCE-HAVEN MAR LX17085-ET	840003135197386						
SPRUCE-HAVEN MAR SX16443-ET	840003127718262						
SPRUCE-HAVEN MAR SX16451-ET	840003127718270						
SPRUCE-HAVEN MAR SX16460-ET	840003127718279		C				
SPRUCE-HAVEN MAR SX16468-ET	840003127718287						
SPRUCE-HAVEN MAR WS16297-ET	840003127718116						
SPRUCE-HAVEN MAR WS16310-ET	840003127718129						
SPRUCE-HAVEN MAS AL15579-ET	USA 72925057						
SPRUCE-HAVEN MAS AL15871-ET	USA 72925349						
SPRUCE-HAVEN MAS AL16042-ET	840003127717861						
SPRUCE-HAVEN MAS AL16090-ET	840003127717909						
SPRUCE-HAVEN MAS AN14684-ET	USA 71631897						
SPRUCE-HAVEN MAS AN14691-ET	USA 71631904						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN MAS AN14693-ET	USA 71631906						
SPRUCE-HAVEN MAS AN15042-ET	USA 72924520						
SPRUCE-HAVEN MAS AN15057-ET	USA 72924535						
SPRUCE-HAVEN MAS AN15062-ET	USA 72924540						
SPRUCE-HAVEN MAS AN15069-ET	USA 72924547						
SPRUCE-HAVEN MAS AN15136-ET	USA 72924614						
SPRUCE-HAVEN MAS BJ14687-ET	USA 71631900						
SPRUCE-HAVEN MAS BJ15119-ET	USA 72924597						
SPRUCE-HAVEN MAS BJ15147-ET	USA 72924625						
SPRUCE-HAVEN MAS BJ15466-ET	USA 72924944					C	
SPRUCE-HAVEN MAS BJ15479-ET	USA 72924957						
SPRUCE-HAVEN MAS BJ15987-ET	USA 72925465						3
SPRUCE-HAVEN MAS BJ16230-ET	840003127718049						
SPRUCE-HAVEN MAS BJ16232-ET	840003127718051						
SPRUCE-HAVEN MAS BJ16258-ET	840003127718077						
SPRUCE-HAVEN MAS BJ16261-ET	840003127718080						
SPRUCE-HAVEN MAS BJ16265-ET	840003127718084						
SPRUCE-HAVEN MAS BJ16273-ET	840003127718092						
SPRUCE-HAVEN MAS BJ17003-ET	840003135197304						
SPRUCE-HAVEN MAS BJ17009-ET	840003135197310						
SPRUCE-HAVEN MAS BJ17023-ET	840003135197324						
SPRUCE-HAVEN MAS BJ17083-ET	840003135197384						3
SPRUCE-HAVEN MAS BS14975-ET	USA 71632188						
SPRUCE-HAVEN MAS BS14985-ET	USA 71632198						
SPRUCE-HAVEN MAS BS15728-ET	USA 72925206						
SPRUCE-HAVEN MAS CA15650-ET	USA 72925128						
SPRUCE-HAVEN MAS CL16444-ET	840003127718263						
SPRUCE-HAVEN MAS CL16448-ET	840003127718267						
SPRUCE-HAVEN MAS CL16457-ET	840003127718276						
SPRUCE-HAVEN MAS CO15976-ET	USA 72925454						
SPRUCE-HAVEN MAS GR15417-ET	USA 72924895						
SPRUCE-HAVEN MAS GR15427-ET	USA 72924905						
SPRUCE-HAVEN MAS GR15432-ET	USA 72924910						
SPRUCE-HAVEN MAS GR15838-ET	USA 72925316						
SPRUCE-HAVEN MAS GR15847-ET	USA 72925325						
SPRUCE-HAVEN MAS GR15855-ET	USA 72925333						
SPRUCE-HAVEN MAS KE15853-TW	USA 72925331						
SPRUCE-HAVEN MAS KE15854-TW	USA 72925332						
SPRUCE-HAVEN MAS LA16164-ET	840003127717983						
SPRUCE-HAVEN MAS LA16176-ET	840003127717995						
SPRUCE-HAVEN MAS LA16177-ET	840003127717996						
SPRUCE-HAVEN MAS LA16188-ET	840003127718007						
SPRUCE-HAVEN MAS LX15693-ET	USA 72925171						
SPRUCE-HAVEN MAS LX15695-ET	USA 72925173						
SPRUCE-HAVEN MAS LX15700-ET	USA 72925178						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN MAS MI15144-ET	USA 72924622						
SPRUCE-HAVEN MAS RU14695-ET	USA 71631908						
SPRUCE-HAVEN MAS RY14701-ET	USA 71631914						
SPRUCE-HAVEN MAS RY14715-ET	USA 71631928						
SPRUCE-HAVEN MAS RY15032-ET	USA 72924510						
SPRUCE-HAVEN MAS SX14532-ET	USA 71631745						1
SPRUCE-HAVEN MAS SX15450-ET	USA 72924928						
SPRUCE-HAVEN MAS SX15456-ET	USA 72924934						
SPRUCE-HAVEN MAS SX15572-ET	USA 72925050						
SPRUCE-HAVEN MAS SX15642-ET	USA 72925120						
SPRUCE-HAVEN MAS SX15795-ET	USA 72925273						
SPRUCE-HAVEN MAS SX15874-ET	USA 72925352						
SPRUCE-HAVEN MAS SX17077-ET	840003135197378						
SPRUCE-HAVEN MAS WN16355-ET	840003127718174			C			
SPRUCE-HAVEN MAS WS15727-ET	USA 72925205						
SPRUCE-HAVEN MASSEY 11827	USA 66758584						
SPRUCE-HAVEN MASSEY AD16199	840003127718018						
SPRUCE-HAVEN MASSEY AT16206	840003127718025	C					
SPRUCE-HAVEN MASSEY BJ14549	USA 71631762						
SPRUCE-HAVEN MASSEY BJ15212	USA 72924690						
SPRUCE-HAVEN MASSEY BS14902	USA 71632115						
SPRUCE-HAVEN MASSEY LL16543	840003127718362						
SPRUCE-HAVEN MASSEY SU14946	USA 71632159						
SPRUCE-HAVEN MASSEY SX14607	USA 71631820						1
SPRUCE-HAVEN MASSEY SX14984	USA 71632197						
SPRUCE-HAVEN MASSEY SX15143	USA 72924621						
SPRUCE-HAVEN MASSEY SX15221	USA 72924699		C				
SPRUCE-HAVEN MASSEY WN16185	840003127718004						
SPRUCE-HAVEN MATRIX BS14133	USA 71631346						
SPRUCE-HAVEN MAURIC LL15098	USA 72924576						
SPRUCE-HAVEN MAXIM BJ14262	USA 71631475						
SPRUCE-HAVEN MAXIM K14222	USA 71631435	C	C				
SPRUCE-HAVEN MAXIM SX14241	USA 71631454						
SPRUCE-HAVEN MAY BO14266-ET	USA 71631479			C			
SPRUCE-HAVEN MAY BS15386-ET	USA 72924864						
SPRUCE-HAVEN MAY BS15403-ET	USA 72924881						
SPRUCE-HAVEN MAY BS15413-ET	USA 72924891						
SPRUCE-HAVEN MAY CA15893-ET	USA 72925371						
SPRUCE-HAVEN MAY CA15903-ET	USA 72925381						
SPRUCE-HAVEN MAY CA15912-ET	USA 72925390						
SPRUCE-HAVEN MAY CA15915-ET	USA 72925393						
SPRUCE-HAVEN MAY CA15918-ET	USA 72925396						
SPRUCE-HAVEN MAY CA15920-ET	USA 72925398						
SPRUCE-HAVEN MCC B12915-ET	USA 69518251						
SPRUCE-HAVEN MCC B12917-ET	USA 69518253			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
SPRUCE-HAVEN MCC SO14564-ET	USA 71631777						
SPRUCE-HAVEN MCC SO14566-ET	USA 71631779						
SPRUCE-HAVEN MCC SO14571-ET	USA 71631784						
SPRUCE-HAVEN MCC SO14578-ET	USA 71631791						
SPRUCE-HAVEN MCC SO14901-ET	USA 71632114						
SPRUCE-HAVEN MCC SX14660-ET	USA 71631873		C				
SPRUCE-HAVEN MCC SX14661-ET	USA 71631874						
SPRUCE-HAVEN MCN AE15746-ET	USA 72925224						
SPRUCE-HAVEN MCN AE15750-ET	USA 72925228						
SPRUCE-HAVEN MCN SX15540-ET	USA 72925018						
SPRUCE-HAVEN MCN SX15545-ET	USA 72925023						
SPRUCE-HAVEN MCN SX15684-ET	USA 72925162						
SPRUCE-HAVEN MCN WN15674-ET	USA 72925152			C			
SPRUCE-HAVEN MCN WN15685-ET	USA 72925163			C			
SPRUCE-HAVEN MCN WN15694-ET	USA 72925172			C			
SPRUCE-HAVEN MCN WN15697-ET	USA 72925175						
SPRUCE-HAVEN MCNUGGET 16340	840003127718159						
SPRUCE-HAVEN MER PR14489-ET	USA 71631702						
SPRUCE-HAVEN MER PR14497-ET	USA 71631710			C			
SPRUCE-HAVEN MER ST14614-ET	USA 71631827						
SPRUCE-HAVEN MERLIN 12141	USA 69517477						
SPRUCE-HAVEN MERLOT BJ14575	USA 71631788						
SPRUCE-HAVEN MERLOT RX14629	USA 71631842						
SPRUCE-HAVEN MERLOT RX14689	USA 71631902						
SPRUCE-HAVEN MERR 5986	USA 61796493						
SPRUCE-HAVEN MES BJ16621-ET	840003127718440						
SPRUCE-HAVEN MES BJ16629-ET	840003127718448						
SPRUCE-HAVEN MES BJ16631-ET	840003127718450					C	
SPRUCE-HAVEN MES KY16086-ET	840003127717905						
SPRUCE-HAVEN MES KY16113-ET	840003127717932					C	
SPRUCE-HAVEN MES LA16065-ET	840003127717884					C	
SPRUCE-HAVEN MES RY16248-ET	840003127718067					C	
SPRUCE-HAVEN MES RY16249-ET	840003127718068						
SPRUCE-HAVEN MES RY16279-ET	840003127718098						
SPRUCE-HAVEN MESORA SX16692	840003127718511						
SPRUCE-HAVEN MET S12930-ET	USA 69518266						
SPRUCE-HAVEN MET S13026-ET	USA 70608900						
SPRUCE-HAVEN MET SX12895-ET	USA 69518231						1
SPRUCE-HAVEN MET SX12921-ET	USA 69518257						
SPRUCE-HAVEN MET SX12938-ET	USA 69518274						1
SPRUCE-HAVEN MET SX12953-ET	USA 69518289						
SPRUCE-HAVEN MET SX12956-ET	USA 69518292						
SPRUCE-HAVEN MET SX12969-ET	USA 69518305						
SPRUCE-HAVEN METEOR KE16302	840003127718121						
SPRUCE-HAVEN METEOR MI16381	840003127718200				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
SPRUCE-HAVEN METEOR MI16876	840003127718695						
SPRUCE-HAVEN MEV AN16386-ET	840003127718205						
SPRUCE-HAVEN MEV AN16410-ET	840003127718229						
SPRUCE-HAVEN MEV AN16415-ET	840003127718234						
SPRUCE-HAVEN MEV AN16418-ET	840003127718237						
SPRUCE-HAVEN MEV BJ16382-ET	840003127718201						
SPRUCE-HAVEN MEV BJ16387-ET	840003127718206						
SPRUCE-HAVEN MEV BJ16917-ET	840003127718736						
SPRUCE-HAVEN MEV BJ16942-ET	840003127718761						
SPRUCE-HAVEN MEV BJ16968-ET	840003127718787						
SPRUCE-HAVEN MEV BJ16978-ET	840003127718797						
SPRUCE-HAVEN MGR LA17190-ET	840003135197491			C			
SPRUCE-HAVEN MIDNIG KL16990	840003127718809					C	
SPRUCE-HAVEN MIL CP16439-ET	840003127718258						
SPRUCE-HAVEN MIL MI16778-ET	840003127718597						
SPRUCE-HAVEN MIL SX16035-ET	840003127717854						
SPRUCE-HAVEN MIL SX16036-ET	840003127717855						
SPRUCE-HAVEN MIL SX16044-ET	840003127717863						
SPRUCE-HAVEN MIL SX16052-ET	840003127717871						
SPRUCE-HAVEN MILKMS DC17124	840003135197425					C	
SPRUCE-HAVEN MILL W11802-ET	USA 66758559		C	C			
SPRUCE-HAVEN MILL W11835-ET	USA 66758592		C	C			
SPRUCE-HAVEN MIT BJ14181-ET	USA 71631394					C	
SPRUCE-HAVEN MIT BJ14189-ET	USA 71631402						
SPRUCE-HAVEN MIT BJ14198-ET	USA 71631411					C	
SPRUCE-HAVEN MIXER BJ14508	USA 71631721						
SPRUCE-HAVEN MLS CP16712-ET	840003127718531						
SPRUCE-HAVEN MLS CP16731-ET	840003127718550						
SPRUCE-HAVEN MLS MI16737-ET	840003127718556						
SPRUCE-HAVEN MM2 15605-ET	USA 72925083						
SPRUCE-HAVEN MM2 AL15962-ET	USA 72925440						
SPRUCE-HAVEN MM2 AL15977-ET	USA 72925455						
SPRUCE-HAVEN MM2 AL15988-ET	USA 72925466						
SPRUCE-HAVEN MM2 AL15992-ET	USA 72925470						
SPRUCE-HAVEN MM2 AL16005-ET	840003127717824						
SPRUCE-HAVEN MM2 DC16056-ET	840003127717875						
SPRUCE-HAVEN MM2 DC16067-ET	840003127717886						
SPRUCE-HAVEN MM2 GR15511-ET	USA 72924989						
SPRUCE-HAVEN MM2 MC15473-ET	USA 72924951						
SPRUCE-HAVEN MM2 MC15478-ET	USA 72924956						
SPRUCE-HAVEN MM2 MC15485-ET	USA 72924963						
SPRUCE-HAVEN MM2 MC15497-ET	USA 72924975						
SPRUCE-HAVEN MM2 MC15503-ET	USA 72924981						
SPRUCE-HAVEN MM2 MISS 15891	USA 72925369						
SPRUCE-HAVEN MM2 SX15582-ET	USA 72925060						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN MM2 SX15584-ET	USA 72925062						
SPRUCE-HAVEN MM2 SX15591-ET	USA 72925069						
SPRUCE-HAVEN MM2 WS15600-ET	USA 72925078						
SPRUCE-HAVEN MM2 WS15604-ET	USA 72925082						
SPRUCE-HAVEN MOG AA14906-ET	USA 71632119						
SPRUCE-HAVEN MOG AA14919-ET	USA 71632132						
SPRUCE-HAVEN MOG BJ14572-ET	USA 71631785						
SPRUCE-HAVEN MOG BJ14593-ET	USA 71631806						
SPRUCE-HAVEN MOG BJ15446-ET	USA 72924924						
SPRUCE-HAVEN MOG BJ15677-ET	USA 72925155						1
SPRUCE-HAVEN MOG BJ15682-ET	USA 72925160						1
SPRUCE-HAVEN MOG BJ15688-ET	USA 72925166						
SPRUCE-HAVEN MOG BJ15698-ET	USA 72925176						
SPRUCE-HAVEN MOG BS14958-ET	USA 71632171						
SPRUCE-HAVEN MOG BS14968-ET	USA 71632181						
SPRUCE-HAVEN MOG KY17157-ET	840003135197458						
SPRUCE-HAVEN MOG KY17165-ET	840003135197466						
SPRUCE-HAVEN MOG KY17174-ET	840003135197475						
SPRUCE-HAVEN MOG KY17179-ET	840003135197480						
SPRUCE-HAVEN MOG LA14927-ET	USA 71632140						
SPRUCE-HAVEN MOG LA14947-ET	USA 71632160						
SPRUCE-HAVEN MOG LA17152-ET	840003135197453						
SPRUCE-HAVEN MOG LA17173-ET	840003135197474						
SPRUCE-HAVEN MOG LA17176-ET	840003135197477						
SPRUCE-HAVEN MOG MI14320-ET	USA 71631533						
SPRUCE-HAVEN MOG MI14330-ET	USA 71631543						
SPRUCE-HAVEN MOG SX17123-ET	840003135197424						
SPRUCE-HAVEN MOG SX17134-ET	840003135197435						
SPRUCE-HAVEN MOG SX17171-ET	840003135197472						
SPRUCE-HAVEN MOG SX17184-ET	840003135197485						
SPRUCE-HAVEN MOG SX17192-ET	840003135197493		C				
SPRUCE-HAVEN MOG SX17201-ET	840003135197502						
SPRUCE-HAVEN MOG ZP14591-ET	USA 71631804						
SPRUCE-HAVEN MOG ZP14598-ET	USA 71631811						
SPRUCE-HAVEN MOG ZP14604-ET	USA 71631817						
SPRUCE-HAVEN MOGUL AL17099	840003135197400						
SPRUCE-HAVEN MOGUL KY16623	840003127718442						
SPRUCE-HAVEN MOGUL LL14935	USA 71632148			C			
SPRUCE-HAVEN MOM AA13188-ET	USA 70609062						
SPRUCE-HAVEN MOM BJ12671-ET	USA 69518007						
SPRUCE-HAVEN MOM BJ12679-ET	USA 69518015						
SPRUCE-HAVEN MOM BJ12686-ET	USA 69518022						
SPRUCE-HAVEN MOM BJ12706-ET	USA 69518042						
SPRUCE-HAVEN MOM BJ13126-ET	USA 70609000						
SPRUCE-HAVEN MOM BJ13357-ET	USA 70609231						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN MOM BJ13368-ET	USA 70609242						
SPRUCE-HAVEN MOM BJ13373-ET	USA 70609247						
SPRUCE-HAVEN MOM S13011-ET	USA 70608885						
SPRUCE-HAVEN MOM S13012-ET	USA 70608886						
SPRUCE-HAVEN MOM SX13312-ET	USA 70609186						
SPRUCE-HAVEN MON BJ14441-ET	USA 71631654						
SPRUCE-HAVEN MON BJ14444-ET	USA 71631657						
SPRUCE-HAVEN MON BJ14446-ET	USA 71631659						3
SPRUCE-HAVEN MON BJ14453-ET	USA 71631666						
SPRUCE-HAVEN MON BJ14454-ET	USA 71631667						3
SPRUCE-HAVEN MON BJ14456-ET	USA 71631669						
SPRUCE-HAVEN MON BJ14457-ET	USA 71631670						3
SPRUCE-HAVEN MON BJ15382-ET	USA 72924860						
SPRUCE-HAVEN MON BJ15388-ET	USA 72924866						
SPRUCE-HAVEN MON BJ15411-ET	USA 72924889						
SPRUCE-HAVEN MON BJ16019-ET	840003127717838						
SPRUCE-HAVEN MON BJ16028-ET	840003127717847						
SPRUCE-HAVEN MON BJ16353-ET	840003127718172						
SPRUCE-HAVEN MON BJ16722-ET	840003127718541						
SPRUCE-HAVEN MON BJ16727-ET	840003127718546						
SPRUCE-HAVEN MON BO16160-ET	840003127717979						
SPRUCE-HAVEN MON BO16163-ET	840003127717982						
SPRUCE-HAVEN MON KY16047-ET	840003127717866						
SPRUCE-HAVEN MON MI15978-ET	USA 72925456						
SPRUCE-HAVEN MON MI15981-ET	USA 72925459						
SPRUCE-HAVEN MON MI15993-ET	USA 72925471						
SPRUCE-HAVEN MON MI16041-ET	840003127717860						
SPRUCE-HAVEN MON MI16074-ET	840003127717893						
SPRUCE-HAVEN MON MI16703-ET	840003127718522						
SPRUCE-HAVEN MON MI16713-ET	840003127718532						
SPRUCE-HAVEN MONARC BJ15713	USA 72925191						
SPRUCE-HAVEN MONARC LX15736	USA 72925214						
SPRUCE-HAVEN MONRL SX14298	USA 71631511						1
SPRUCE-HAVEN MTX BJ12673-ET	USA 69518009						
SPRUCE-HAVEN MUCHACHO 14637	USA 71631850						
SPRUCE-HAVEN MUN KY17068-ET	840003135197369						
SPRUCE-HAVEN MUS BJ17079-ET	840003135197380						
SPRUCE-HAVEN MUS CA17069-ET	840003135197370						
SPRUCE-HAVEN MUS CA17072-ET	840003135197373						
SPRUCE-HAVEN MUS CA17074-ET	840003135197375						
SPRUCE-HAVEN MUS CA17075-ET	840003135197376						
SPRUCE-HAVEN MUS LA16996-ET	840003127718815						
SPRUCE-HAVEN MUS LA17013-ET	840003135197314						
SPRUCE-HAVEN MUS LA17014-ET	840003135197315						
SPRUCE-HAVEN MUS LA17020-ET	840003135197321						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN MUS LA17030-ET	840003135197331						
SPRUCE-HAVEN MUS LA17035-ET	840003135197336						
SPRUCE-HAVEN NIR SX17091-ET	840003135197392						
SPRUCE-HAVEN NIR SX17098-ET	840003135197399						
SPRUCE-HAVEN NIR SX17102-ET	840003135197403						
SPRUCE-HAVEN O MAN 9232-ET	USA 65494025			C			
SPRUCE-HAVEN O MAN 9490-ET	USA 65494283			C			
SPRUCE-HAVEN O MAN 9704	USA 65494497						
SPRUCE-HAVEN OAK AN15017-ET	USA 72924495						
SPRUCE-HAVEN OAK BJ14982	USA 71632195						
SPRUCE-HAVEN OAK BJ15051-ET	USA 72924529						
SPRUCE-HAVEN OAK BJ15279-ET	USA 72924757						
SPRUCE-HAVEN OAK BJ15492-ET	USA 72924970						
SPRUCE-HAVEN OAK BS14885-ET	USA 71632098						
SPRUCE-HAVEN OAK BS14892-ET	USA 71632105						
SPRUCE-HAVEN OAK BS14897-ET	USA 71632110						
SPRUCE-HAVEN OAK BS14907-ET	USA 71632120						
SPRUCE-HAVEN OAK BS15801-ET	USA 72925279						
SPRUCE-HAVEN OAK BS15810-ET	USA 72925288						
SPRUCE-HAVEN OAK BS15814-ET	USA 72925292						
SPRUCE-HAVEN OAK KL14998-ET	USA 71632211						
SPRUCE-HAVEN OAK KL15008-ET	USA 72924486			C			
SPRUCE-HAVEN OAK LL14969-ET	USA 71632182						
SPRUCE-HAVEN OAK LL14978-ET	USA 71632191						
SPRUCE-HAVEN OAK RU14937-ET	USA 71632150						1
SPRUCE-HAVEN OAK RU15489-ET	USA 72924967						
SPRUCE-HAVEN OBS BJ13719-ET	USA 70609593						3
SPRUCE-HAVEN OBS BS13428-ET	USA 70609302						
SPRUCE-HAVEN OBS BS13656-ET	USA 70609530						
SPRUCE-HAVEN OBS BS13659-ET	USA 70609533						
SPRUCE-HAVEN OBS BS13664-ET	USA 70609538						
SPRUCE-HAVEN OBS KA13684-ET	USA 70609558						
SPRUCE-HAVEN OBS LL13682-ET	USA 70609556						
SPRUCE-HAVEN OBS LL13700-ET	USA 70609574			C			
SPRUCE-HAVEN OBS SX12849-ET	USA 69518185						
SPRUCE-HAVEN OBSR K12801-ET	USA 69518137						
SPRUCE-HAVEN OBSR K12814-ET	USA 69518150						
SPRUCE-HAVEN OBSR K12820-ET	USA 69518156						
SPRUCE-HAVEN OBSR K12834-ET	USA 69518170						
SPRUCE-HAVEN OCH BJ14153	USA 71631366						
SPRUCE-HAVEN OCH D14079-TW	USA 71631292						
SPRUCE-HAVEN OCH D14080-TW	USA 71631293						
SPRUCE-HAVEN OCH SO14109	USA 71631322						
SPRUCE-HAVEN OCH SX14078	USA 71631291	C					
SPRUCE-HAVEN OCT BJ16497-ET	840003127718316						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN OCT BJ16508-ET	840003127718327						
SPRUCE-HAVEN OCT BJ16516-ET	840003127718335						
SPRUCE-HAVEN OCT RY16470-ET	840003127718289						
SPRUCE-HAVEN OHA BJ15547-ET	USA 72925025						
SPRUCE-HAVEN OHA BJ15782-ET	USA 72925260						
SPRUCE-HAVEN OHA BJ15797-ET	USA 72925275						
SPRUCE-HAVEN OHA BJ15803-ET	USA 72925281			C			
SPRUCE-HAVEN OHA LA15449-ET	USA 72924927			C			
SPRUCE-HAVEN OHA MC15393-ET	USA 72924871			C			
SPRUCE-HAVEN OHA MC15399-ET	USA 72924877						
SPRUCE-HAVEN OHA MC15400-ET	USA 72924878			C			
SPRUCE-HAVEN OHA MC15404-ET	USA 72924882						
SPRUCE-HAVEN OHA PR15509-ET	USA 72924987			C			
SPRUCE-HAVEN OHA PR15514-ET	USA 72924992			C			
SPRUCE-HAVEN OHA PR15516-ET	USA 72924994			C			
SPRUCE-HAVEN OHA PR15518-ET	USA 72924996						
SPRUCE-HAVEN OHA PR15521-ET	USA 72924999						
SPRUCE-HAVEN OHA PR15522-ET	USA 72925000			C			
SPRUCE-HAVEN OLEGNT DE14501	USA 71631714						
SPRUCE-HAVEN OMAN BJ12983	USA 69518319						
SPRUCE-HAVEN OME AL15839-ET	USA 72925317						
SPRUCE-HAVEN OME AL15851-ET	USA 72925329						
SPRUCE-HAVEN OME AL15857-ET	USA 72925335						
SPRUCE-HAVEN OME KY15657-ET	USA 72925135						
SPRUCE-HAVEN OME KY15668-ET	USA 72925146						
SPRUCE-HAVEN OME KY15669-ET	USA 72925147						
SPRUCE-HAVEN OME SF15643-ET	USA 72925121						
SPRUCE-HAVEN OMEGA BJ16008	840003127717827						
SPRUCE-HAVEN ORIEL BJ14836	USA 71632049						
SPRUCE-HAVEN OSM BJ13194-ET	USA 70609068						
SPRUCE-HAVEN OSMOND A13510	USA 70609384						
SPRUCE-HAVEN OSMOND K13411	USA 70609285						
SPRUCE-HAVEN OST BJ15888-TW	USA 72925366			C			
SPRUCE-HAVEN OST BJ16344-ET	840003127718163						
SPRUCE-HAVEN OST BS13384-ET	USA 70609258						1
SPRUCE-HAVEN OST BS13385-ET	USA 70609259			C			1
SPRUCE-HAVEN OST BS13645-ET	USA 70609519			C			1
SPRUCE-HAVEN OST BS13658-ET	USA 70609532			C			
SPRUCE-HAVEN OST LL13681-ET	USA 70609555						
SPRUCE-HAVEN OSTYLE AL14924	USA 71632137	C					
SPRUCE-HAVEN OSTYLE BJ13878	USA 70609752						
SPRUCE-HAVEN OSTYLE BJ15886	USA 72925364						
SPRUCE-HAVEN OSTYLE DC16156	840003127717975			C			1
SPRUCE-HAVEN OSTYLE MZ15873	USA 72925351			C			
SPRUCE-HAVEN OSTYLE SS13819	USA 70609693			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
SPRUCE-HAVEN OTIS 15689	USA 72925167						
SPRUCE-HAVEN PADD S12577-ET	USA 69517913						
SPRUCE-HAVEN PAR BJ13611-ET	USA 70609485						3
SPRUCE-HAVEN PAR BJ13621-ET	USA 70609495						3
SPRUCE-HAVEN PAR BJ13622-ET	USA 70609496						3
SPRUCE-HAVEN PAR BJ13623-ET	USA 70609497						3
SPRUCE-HAVEN PAR BJ13627-ET	USA 70609501						3
SPRUCE-HAVEN PAR BJ13648-ET	USA 70609522						
SPRUCE-HAVEN PAR BJ13655-ET	USA 70609529						
SPRUCE-HAVEN PAR SX14570-ET	USA 71631783						
SPRUCE-HAVEN PAR SX14652-ET	USA 71631865						
SPRUCE-HAVEN PAR SX14654-ET	USA 71631867						
SPRUCE-HAVEN PAR SX14912-ET	USA 71632125						
SPRUCE-HAVEN PARAD BJ15356	USA 72924834						
SPRUCE-HAVEN PARK F1 14245	USA 71631458						
SPRUCE-HAVEN PARKER SS12717	USA 69518053						
SPRUCE-HAVEN PASTOR 14105	USA 71631318						
SPRUCE-HAVEN PAT SX14099-ET	USA 71631312						
SPRUCE-HAVEN PATR 14488-ET	USA 71631701						
SPRUCE-HAVEN PAU SX13901-ET	USA 70609775						
SPRUCE-HAVEN PAUL K13281-ET	USA 70609155						1
SPRUCE-HAVEN PAUL K13285-ET	USA 70609159						1
SPRUCE-HAVEN PAUL K13288-ET	USA 70609162						
SPRUCE-HAVEN PAUL K13294-ET	USA 70609168						1
SPRUCE-HAVEN PAUL K13301-ET	USA 70609175						1
SPRUCE-HAVEN PAUL K13303-ET	USA 70609177						
SPRUCE-HAVEN PAUL K13305-ET	USA 70609179						
SPRUCE-HAVEN PAUL K13316-ET	USA 70609190						1
SPRUCE-HAVEN PAUL SS13663	USA 70609537						
SPRUCE-HAVEN PAUL SX13892	USA 70609766						
SPRUCE-HAVEN PAUL SX13994	USA 70609868						
SPRUCE-HAVEN PEM BS12518-ET	USA 69517854						
SPRUCE-HAVEN PEM BS12521-ET	USA 69517857			C			
SPRUCE-HAVEN PEMBRK BJ13949	USA 70609823			C			
SPRUCE-HAVEN PEP BJ17007-ET	840003135197308						
SPRUCE-HAVEN PEP BJ17031-ET	840003135197332						
SPRUCE-HAVEN PEPPER KY17073	840003135197374						
SPRUCE-HAVEN PER KY14285	USA 71631498						
SPRUCE-HAVEN PERRY BJ13955	USA 70609829						
SPRUCE-HAVEN PET WS15715-ET	USA 72925193						
SPRUCE-HAVEN PET WS15719-ET	USA 72925197						
SPRUCE-HAVEN PET WS15721-ET	USA 72925199						
SPRUCE-HAVEN PET WS15737-ET	USA 72925215						
SPRUCE-HAVEN PET WS15738-ET	USA 72925216						
SPRUCE-HAVEN PETRON BS14359	USA 71631572			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
SPRUCE-HAVEN PIC BJ16492-ET	840003127718311						
SPRUCE-HAVEN PICARD SU16949	840003127718768						
SPRUCE-HAVEN PLAN L13202-ET	USA 70609076						
SPRUCE-HAVEN PLAN L13206-ET	USA 70609080						
SPRUCE-HAVEN PLANET 12746	USA 69518082						
SPRUCE-HAVEN PLANET 16425	840003127718244						1
SPRUCE-HAVEN PLANET 9963-ET	USA 65494756						
SPRUCE-HAVEN PLANET 9971-ET	USA 65494764						
SPRUCE-HAVEN PLANET BS14481	USA 71631694						
SPRUCE-HAVEN PLANET SX14148	USA 71631361						3
SPRUCE-HAVEN PLANT 11010-ET	USA 66757767						
SPRUCE-HAVEN PLANT 11013-ET	USA 66757770						
SPRUCE-HAVEN PLATO BS13328	USA 70609202						
SPRUCE-HAVEN PLATO S13215	USA 70609089						
SPRUCE-HAVEN PLM AN15178-ET	USA 72924656						
SPRUCE-HAVEN PLM BS15284-ET	USA 72924762						
SPRUCE-HAVEN PLM BS15286-ET	USA 72924764			C			
SPRUCE-HAVEN PLM BS15290-ET	USA 72924768			C		C	
SPRUCE-HAVEN PLM BS15291-ET	USA 72924769						
SPRUCE-HAVEN PLM BS15301-ET	USA 72924779			C			
SPRUCE-HAVEN PLN BS12242-ET	USA 69517578						
SPRUCE-HAVEN PLN LA12055-ET	USA 69517391						
SPRUCE-HAVEN PLN LA12065-ET	USA 69517401						
SPRUCE-HAVEN PLN SS14458-TW	USA 71631671						
SPRUCE-HAVEN PLN SS14459-TW	USA 71631672						
SPRUCE-HAVEN PLN WN11695-ET	USA 66758452			C			
SPRUCE-HAVEN PLN WN11702-ET	USA 66758459			C			
SPRUCE-HAVEN POR BJ13461-ET	USA 70609335						
SPRUCE-HAVEN POR LA13574-ET	USA 70609448						
SPRUCE-HAVEN POW CA17049-ET	840003135197350						
SPRUCE-HAVEN PR KY16799-RED	840003127718618						
SPRUCE-HAVEN PR RB16859-RED	840003127718678						
SPRUCE-HAVEN PR14483-RED-ET	USA 71631696			C			
SPRUCE-HAVEN PR14505-RED-ET	USA 71631718			C			
SPRUCE-HAVEN PR14612-RED-ET	USA 71631825						1
SPRUCE-HAVEN PR14915-RED-ET	USA 71632128						
SPRUCE-HAVEN PRE BJ14908-ET	USA 71632121						
SPRUCE-HAVEN PRE BJ14917-ET	USA 71632130						3
SPRUCE-HAVEN PRE BJ14938-ET	USA 71632151						3
SPRUCE-HAVEN PRE BJ14948-ET	USA 71632161						3
SPRUCE-HAVEN PRE BS15266-ET	USA 72924744						3
SPRUCE-HAVEN PRINCE KY14312	USA 71631525						
SPRUCE-HAVEN PRO 16802-RED	840003127718621						
SPRUCE-HAVEN PRO 16815	840003127718634						
SPRUCE-HAVEN PRO ST16987-ET	840003127718806						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN PRO SX17016	840003135197317						
SPRUCE-HAVEN PTW BJ16936	840003127718755						
SPRUCE-HAVEN PTW DR13874	USA 70609748						
SPRUCE-HAVEN RAC SX15896-ET	USA 72925374						
SPRUCE-HAVEN RAC SX15917-ET	USA 72925395						
SPRUCE-HAVEN RAC SX15919-ET	USA 72925397						
SPRUCE-HAVEN RAC SX15922-ET	USA 72925400						
SPRUCE-HAVEN RAM SX12798-ET	USA 69518134						
SPRUCE-HAVEN RANSOM 16270	840003127718089						
SPRUCE-HAVEN RANSOM SU16277	840003127718096						
SPRUCE-HAVEN RB RY16365-ETS	840003127718184						
SPRUCE-HAVEN RB RY16366-ETS	840003127718185						
SPRUCE-HAVEN RDB BJ14287-ET	USA 71631500		C				1
SPRUCE-HAVEN RDB BJ14428-ET	USA 71631641		C				1
SPRUCE-HAVEN RE KY15964-RED	USA 72925442						
SPRUCE-HAVEN REA BS15702-ET	USA 72925180						1
SPRUCE-HAVEN REA BS15714-ET	USA 72925192						
SPRUCE-HAVEN REA BS15729-ET	USA 72925207						1
SPRUCE-HAVEN REA LL15967-ET	USA 72925445						
SPRUCE-HAVEN REA LL16045-ET	840003127717864						1
SPRUCE-HAVEN REA LL16194-ET	840003127718013						
SPRUCE-HAVEN REALTY BO16126	840003127717945			C			
SPRUCE-HAVEN REALTY BS16055	840003127717874						
SPRUCE-HAVEN REDOAK ED16599	840003127718418			C			
SPRUCE-HAVEN REDZON CP15095	USA 72924573						
SPRUCE-HAVEN REL LA15316-ET	USA 72924794						
SPRUCE-HAVEN RELIEF RD15753	USA 72925231						
SPRUCE-HAVEN RN RX16509-RED	840003127718328						
SPRUCE-HAVEN RO BO16532-RED	840003127718351						1
SPRUCE-HAVEN RO BO17117-RED	840003135197418						3
SPRUCE-HAVEN RO BO17149-ET	840003135197450						
SPRUCE-HAVEN RO PR16437-RED	840003127718256						
SPRUCE-HAVEN ROB BJ16395-ET	840003127718214						
SPRUCE-HAVEN ROB BJ16682-ET	840003127718501						
SPRUCE-HAVEN ROB BJ16807-ET	840003127718626						
SPRUCE-HAVEN ROB BJ16965-ET	840003127718784						
SPRUCE-HAVEN ROB BJ16969-ET	840003127718788						
SPRUCE-HAVEN ROB BJ16972-ET	840003127718791						
SPRUCE-HAVEN ROB BJ16980-ET	840003127718799						
SPRUCE-HAVEN ROB BS13135-ET	USA 70609009						
SPRUCE-HAVEN ROB BS13240-ET	USA 70609114						
SPRUCE-HAVEN ROB BS13247-ET	USA 70609121						
SPRUCE-HAVEN ROB BS13255-ET	USA 70609129						
SPRUCE-HAVEN ROB BS13256-ET	USA 70609130						
SPRUCE-HAVEN ROB BS13259-ET	USA 70609133						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN ROB BS13263-ET	USA 70609137						
SPRUCE-HAVEN ROB KY14354	USA 71631567						
SPRUCE-HAVEN ROB RY16360-ET	840003127718179						
SPRUCE-HAVEN ROB RY16377-ET	840003127718196						
SPRUCE-HAVEN ROB SX16595-ET	840003127718414						1
SPRUCE-HAVEN ROB SX16608-ET	840003127718427						
SPRUCE-HAVEN ROB WS16630-ET	840003127718449						
SPRUCE-HAVEN ROBUST LO14216	USA 71631429						
SPRUCE-HAVEN ROCKER 16545	840003127718364						3
SPRUCE-HAVEN ROCKER 16552	840003127718371						
SPRUCE-HAVEN ROCKER 16558	840003127718377						
SPRUCE-HAVEN ROCKER 16574	840003127718393						1
SPRUCE-HAVEN ROCKER BJ16538	840003127718357						1
SPRUCE-HAVEN ROCKER BS16611	840003127718430						1
SPRUCE-HAVEN ROCKER PR16614	840003127718433						1
SPRUCE-HAVEN ROCKER SX16560	840003127718379						3
SPRUCE-HAVEN ROCKER ZP16544	840003127718363			C			
SPRUCE-HAVEN ROK CA16476-ET	840003127718295						
SPRUCE-HAVEN ROK CA16486-ET	840003127718305						
SPRUCE-HAVEN ROL AA13268-ET	USA 70609142						
SPRUCE-HAVEN ROL AA13289-ET	USA 70609163						
SPRUCE-HAVEN ROLL A13258-ET	USA 70609132		C				
SPRUCE-HAVEN ROLL A13267-ET	USA 70609141						
SPRUCE-HAVEN ROLL A13276-ET	USA 70609150		C				
SPRUCE-HAVEN RON RB16586-ET	840003127718405						
SPRUCE-HAVEN RON SX16372-ET	840003127718191						
SPRUCE-HAVEN RON SX16378-ET	840003127718197						1
SPRUCE-HAVEN RONIN 16875	840003127718694						
SPRUCE-HAVEN RONIN BS16643	840003127718462						1
SPRUCE-HAVEN RONIN KL16361	840003127718180						1
SPRUCE-HAVEN RONIN LL16499	840003127718318						
SPRUCE-HAVEN RONIN MI16335	840003127718154				C		1
SPRUCE-HAVEN RONIN PR16653	840003127718472						1
SPRUCE-HAVEN ROOS 16903-RED	840003127718722						
SPRUCE-HAVEN ROOS 17033-RED	840003135197334						1
SPRUCE-HAVEN ROR AA14720-ET	USA 71631933						
SPRUCE-HAVEN ROR SO14626-ET	USA 71631839						
SPRUCE-HAVEN ROR SO14633-ET	USA 71631846						
SPRUCE-HAVEN ROR SO14699-ET	USA 71631912						
SPRUCE-HAVEN ROR SO15113-ET	USA 72924591						
SPRUCE-HAVEN ROR SX14651-ET	USA 71631864						
SPRUCE-HAVEN ROR SX14653-ET	USA 71631866						
SPRUCE-HAVEN RORY 14707	USA 71631920						
SPRUCE-HAVEN RORY 14830	USA 71632043						
SPRUCE-HAVEN RORY AB15258	USA 72924736						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN RORY BJ14644	USA 71631857						
SPRUCE-HAVEN RORY BJ14680	USA 71631893						
SPRUCE-HAVEN RORY BJ14758	USA 71631971						
SPRUCE-HAVEN RORY BJ14823	USA 71632036						
SPRUCE-HAVEN RORY BJ14825	USA 71632038						
SPRUCE-HAVEN RORY BJ15269	USA 72924747						
SPRUCE-HAVEN RORY BJ15824	USA 72925302						
SPRUCE-HAVEN RORY BO14705	USA 71631918						
SPRUCE-HAVEN RORY BOJA14748	USA 71631961						
SPRUCE-HAVEN RORY CN14821	USA 71632034						
SPRUCE-HAVEN RORY ELL 14749	USA 71631962						
SPRUCE-HAVEN RORY GEN 14747	USA 71631960						
SPRUCE-HAVEN RORY GIN 14734	USA 71631947						
SPRUCE-HAVEN RORY LA14676	USA 71631889						
SPRUCE-HAVEN RORY LULU14740	USA 71631953						
SPRUCE-HAVEN RORY PR14643	USA 71631856						
SPRUCE-HAVEN RORY SS14658	USA 71631871						
SPRUCE-HAVEN RORY SX14678	USA 71631891						
SPRUCE-HAVEN RORY SX14790	USA 71632003						
SPRUCE-HAVEN ROS BJ12545-ET	USA 69517881			C			
SPRUCE-HAVEN ROS BJ12550-ET	USA 69517886			C			
SPRUCE-HAVEN ROS BJ12559-ET	USA 69517895			C			
SPRUCE-HAVEN ROS SX13010-ET	USA 70608884			C			1
SPRUCE-HAVEN ROSS SX12980	USA 69518316			C			
SPRUCE-HAVEN RR BJ16786-RED	840003127718605						1
SPRUCE-HAVEN RU14641-RED-ET	USA 71631854						
SPRUCE-HAVEN RU14649-RED-ET	USA 71631862						
SPRUCE-HAVEN RU15127-RED-ET	USA 72924605						
SPRUCE-HAVEN RU15170-RED-ET	USA 72924648						
SPRUCE-HAVEN RU15171-RED-ET	USA 72924649					C	
SPRUCE-HAVEN RU15593-RED-ET	USA 72925071					C	
SPRUCE-HAVEN RU15595-RED-ET	USA 72925073					C	
SPRUCE-HAVEN RUB AN17037-ET	840003135197338					C	
SPRUCE-HAVEN RUB LA16863-ET	840003127718682						
SPRUCE-HAVEN RUB LA16865-ET	840003127718684						
SPRUCE-HAVEN RUB LA16868-ET	840003127718687						
SPRUCE-HAVEN RUB LA16872-ET	840003127718691						
SPRUCE-HAVEN RUB LA16873-ET	840003127718692						
SPRUCE-HAVEN RUB LA16885-ET	840003127718704						
SPRUCE-HAVEN RUB MI15975-ET	USA 72925453						
SPRUCE-HAVEN RUB MI16147-ET	840003127717966						
SPRUCE-HAVEN RUB SX16861-ET	840003127718680						
SPRUCE-HAVEN RUB SX16866-ET	840003127718685						
SPRUCE-HAVEN RUB SX16869-ET	840003127718688						
SPRUCE-HAVEN RUB SX16871-ET	840003127718690						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN RUB SX16879-ET	840003127718698						
SPRUCE-HAVEN RUB SX16880-ET	840003127718699						
SPRUCE-HAVEN RUB SX16882-ET	840003127718701						
SPRUCE-HAVEN RUB SX16883-ET	840003127718702						
SPRUCE-HAVEN RUB SX16887-ET	840003127718706						
SPRUCE-HAVEN RUBLE 14957	USA 71632170			C			
SPRUCE-HAVEN RUBLE 16948	840003127718767						
SPRUCE-HAVEN RUBLE CC14983	USA 71632196					C	
SPRUCE-HAVEN RUS SX12882-ET	USA 69518218						
SPRUCE-HAVEN RUSS 12181-ET	USA 69517517						
SPRUCE-HAVEN RUSSLL SX13404	USA 70609278						
SPRUCE-HAVEN RV14496-RED-ET	USA 71631709		C				3
SPRUCE-HAVEN RV14507-RED-ET	USA 71631720						
SPRUCE-HAVEN RX15325-RED-ET	USA 72924803						
SPRUCE-HAVEN RX15651-RED-ET	USA 72925129						
SPRUCE-HAVEN SAL SK16923-ET	840003127718742						
SPRUCE-HAVEN SAL SO15259-ET	USA 72924737						
SPRUCE-HAVEN SAL SX15075-ET	USA 72924553						
SPRUCE-HAVEN SAL SX15080-ET	USA 72924558						
SPRUCE-HAVEN SALOON PR15587	USA 72925065						
SPRUCE-HAVEN SALT AN17082	840003135197383						
SPRUCE-HAVEN SAV BO16037-ET	840003127717856						
SPRUCE-HAVEN SAV SX13528-ET	USA 70609402						
SPRUCE-HAVEN SAVAGE BJ13560	USA 70609434						
SPRUCE-HAVEN SAVAGE DE13576	USA 70609450		C				
SPRUCE-HAVEN SD PR14905-ET	USA 71632118						1
SPRUCE-HAVEN SD PR14909-ET	USA 71632122						1
SPRUCE-HAVEN SD PR14913-ET	USA 71632126			C			
SPRUCE-HAVEN SEB S12677-ET	USA 69518013						
SPRUCE-HAVEN SEB S12684-ET	USA 69518020						
SPRUCE-HAVEN SEB S12689-ET	USA 69518025						
SPRUCE-HAVEN SEB S12698-ET	USA 69518034						
SPRUCE-HAVEN SEB S12700-ET	USA 69518036						
SPRUCE-HAVEN SEB SX12731-ET	USA 69518067						
SPRUCE-HAVEN SEB SX12740-ET	USA 69518076						
SPRUCE-HAVEN SEBT S12702-ET	USA 69518038						
SPRUCE-HAVEN SEBTN S12657	USA 69517993						
SPRUCE-HAVEN SECURE A12791	USA 69518127		C				3
SPRUCE-HAVEN SEN SX15764-ET	USA 72925242						1
SPRUCE-HAVEN SENECA SO15856	USA 72925334						
SPRUCE-HAVEN SEX BJ13405-ET	USA 70609279						
SPRUCE-HAVEN SEXTON SX13185	USA 70609059						
SPRUCE-HAVEN SH F1 13354-ET	USA 70609228						
SPRUCE-HAVEN SH F1 13365-ET	USA 70609239						
SPRUCE-HAVEN SH F1 13371-ET	USA 70609245						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN SHA BJ13711-ET	USA 70609585						
SPRUCE-HAVEN SHA BJ13715-ET	USA 70609589						
SPRUCE-HAVEN SHA BJ13722-ET	USA 70609596						3
SPRUCE-HAVEN SHA BS13677-ET	USA 70609551						
SPRUCE-HAVEN SHA DE13511-ET	USA 70609385						
SPRUCE-HAVEN SHA DE14082-ET	USA 71631295						
SPRUCE-HAVEN SHA SS13587-ET	USA 70609461						
SPRUCE-HAVEN SHA SS13595-ET	USA 70609469						
SPRUCE-HAVEN SHA SS13598-ET	USA 70609472						
SPRUCE-HAVEN SHA SS14197-ET	USA 71631410						
SPRUCE-HAVEN SHA SS14203-ET	USA 71631416						
SPRUCE-HAVEN SHA SS14210-ET	USA 71631423						
SPRUCE-HAVEN SHA SX13725-ET	USA 70609599						
SPRUCE-HAVEN SHA SX13787-ET	USA 70609661						
SPRUCE-HAVEN SHA SX13956-ET	USA 70609830						
SPRUCE-HAVEN SHAC KY13913	USA 70609787						
SPRUCE-HAVEN SHADOW AL15720	USA 72925198						
SPRUCE-HAVEN SHADOW BJ15757	USA 72925235					C	
SPRUCE-HAVEN SHADOW SS15898	USA 72925376						
SPRUCE-HAVEN SHAM A13382-ET	USA 70609256						
SPRUCE-HAVEN SHAMR BJ14670	USA 71631883						
SPRUCE-HAVEN SHD AL15565-ET	USA 72925043						
SPRUCE-HAVEN SHD AL15566-ET	USA 72925044						
SPRUCE-HAVEN SHE BJ13767-ET	USA 70609641						
SPRUCE-HAVEN SHE BJ13775-ET	USA 70609649						3
SPRUCE-HAVEN SHE SX13736-ET	USA 70609610						
SPRUCE-HAVEN SHERAC BJ14126	USA 71631339						
SPRUCE-HAVEN SHERID BS16963	840003127718782						
SPRUCE-HAVEN SHERID CP16950	840003127718769						
SPRUCE-HAVEN SHERIF DC16884	840003127718703						
SPRUCE-HAVEN SHG SX15054-ET	USA 72924532						
SPRUCE-HAVEN SHN AN15029-ET	USA 72924507						
SPRUCE-HAVEN SHN AN15030-ET	USA 72924508						
SPRUCE-HAVEN SHN AN15050-ET	USA 72924528						
SPRUCE-HAVEN SHN BJ15009-ET	USA 72924487						
SPRUCE-HAVEN SHN BJ15012-ET	USA 72924490						
SPRUCE-HAVEN SHN BO14759-ET	USA 71631972						
SPRUCE-HAVEN SHN BS14788-ET	USA 71632001						
SPRUCE-HAVEN SHN RU14789-ET	USA 71632002						
SPRUCE-HAVEN SHN SO15096-ET	USA 72924574						
SPRUCE-HAVEN SHN SO15152-ET	USA 72924630						
SPRUCE-HAVEN SHO PR14619-ET	USA 71631832						
SPRUCE-HAVEN SHO SX15034-ET	USA 72924512						
SPRUCE-HAVEN SHO SX15043-ET	USA 72924521						
SPRUCE-HAVEN SHR BJ13306-ET	USA 70609180						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN SHR SX13389-ET	USA 70609263						
SPRUCE-HAVEN SHRP D13103-ET	USA 70608977						
SPRUCE-HAVEN SHRP D13115-ET	USA 70608989		C				
SPRUCE-HAVEN SHRP D13120-ET	USA 70608994		C				
SPRUCE-HAVEN SHTGLS CA15350	USA 72924828						
SPRUCE-HAVEN SIL SO16321-ET	840003127718140						
SPRUCE-HAVEN SIL SO16325-ET	840003127718144						
SPRUCE-HAVEN SIL SO16348-ET	840003127718167						
SPRUCE-HAVEN SIL SX16293-ET	840003127718112						1
SPRUCE-HAVEN SIL SX16320-ET	840003127718139		C				
SPRUCE-HAVEN SIL SX16328-ET	840003127718147						
SPRUCE-HAVEN SIL SX16334-ET	840003127718153						
SPRUCE-HAVEN SIL SX16364-ET	840003127718183						
SPRUCE-HAVEN SIL SX16620-ET	840003127718439						
SPRUCE-HAVEN SITH 17056	840003135197357						
SPRUCE-HAVEN SITH AN17119	840003135197420						
SPRUCE-HAVEN SITH BJ17137	840003135197438						
SPRUCE-HAVEN SITH BJ17150	840003135197451						
SPRUCE-HAVEN SITH DE17140	840003135197441						
SPRUCE-HAVEN SITH GF17168	840003135197469						
SPRUCE-HAVEN SITH LM17139	840003135197440						
SPRUCE-HAVEN SITH MI17143	840003135197444						
SPRUCE-HAVEN SITH SX17048	840003135197349						
SPRUCE-HAVEN SITH SX17101	840003135197402						
SPRUCE-HAVEN SKODA AN16385	840003127718204						
SPRUCE-HAVEN SKODA BJ16373	840003127718192						
SPRUCE-HAVEN SLICE 13455-TW	USA 70609329						
SPRUCE-HAVEN SLICE 13457	USA 70609331						
SPRUCE-HAVEN SLICE 13478	USA 70609352				C		
SPRUCE-HAVEN SLICE K13479	USA 70609353			C			
SPRUCE-HAVEN SLICE L13465	USA 70609339						
SPRUCE-HAVEN SLICE WT13458	USA 70609332						
SPRUCE-HAVEN SNO BJ14939-ET	USA 71632152			C			
SPRUCE-HAVEN SONNY AN16280	840003127718099		C				
SPRUCE-HAVEN SONNY LM16274	840003127718093						
SPRUCE-HAVEN SONNY SH16269	840003127718088			C			
SPRUCE-HAVEN SONNY SX16275	840003127718094						
SPRUCE-HAVEN SOT AB13230-ET	USA 70609104						
SPRUCE-HAVEN SOT AB13237-ET	USA 70609111						
SPRUCE-HAVEN SOT AB13245-ET	USA 70609119						
SPRUCE-HAVEN SOT AB13246-ET	USA 70609120						
SPRUCE-HAVEN SOTO A13628	USA 70609502						
SPRUCE-HAVEN SP BJ16870-RED	840003127718689			C			
SPRUCE-HAVEN SPA SS13730-ET	USA 70609604						
SPRUCE-HAVEN SPARROW L13559	USA 70609433						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN SPC BJ14065-ET	USA 71631278						
SPRUCE-HAVEN SPEECH DE14146	USA 71631359						
SPRUCE-HAVEN SPR BJ16465-ET	840003127718284						
SPRUCE-HAVEN SPR BJ16471-ET	840003127718290						
SPRUCE-HAVEN SPR BJ16472-ET	840003127718291						
SPRUCE-HAVEN SPR BJ16478-ET	840003127718297						
SPRUCE-HAVEN SPR BJ16505-ET	840003127718324						
SPRUCE-HAVEN SPR BJ16510-ET	840003127718329						
SPRUCE-HAVEN SPR BJ16512-ET	840003127718331						
SPRUCE-HAVEN SPR BS11993-ET	USA 66758750						
SPRUCE-HAVEN SPR BS12005-ET	USA 69517341						
SPRUCE-HAVEN SPR CP16530-ET	840003127718349						
SPRUCE-HAVEN SPR CP16533-ET	840003127718352						
SPRUCE-HAVEN SPR CP16540-ET	840003127718359						
SPRUCE-HAVEN SPR CP16542-ET	840003127718361						
SPRUCE-HAVEN SPR CP16549-ET	840003127718368						
SPRUCE-HAVEN SPR SX16729-ET	840003127718548						
SPRUCE-HAVEN SPR SX16803-ET	840003127718622						
SPRUCE-HAVEN SPU BJ17096-ET	840003135197397			C			
SPRUCE-HAVEN SPUR 16907	840003127718726						
SPRUCE-HAVEN SPUR 16918	840003127718737			C			
SPRUCE-HAVEN SPUR BJ16888	840003127718707			C			
SPRUCE-HAVEN SPUR LL16891	840003127718710						
SPRUCE-HAVEN SPX BJ14478-ET	USA 71631691						
SPRUCE-HAVEN SPX BJ14487-ET	USA 71631700						
SPRUCE-HAVEN SPX ED15045-ET	USA 72924523						
SPRUCE-HAVEN SPX LL14761-ET	USA 71631974						
SPRUCE-HAVEN SPX LL14771-ET	USA 71631984						
SPRUCE-HAVEN SS AL15333-ET	USA 72924811						
SPRUCE-HAVEN SS AL15353-ET	USA 72924831						
SPRUCE-HAVEN SS AL15367-ET	USA 72924845						
SPRUCE-HAVEN SS AL15459-ET	USA 72924937						
SPRUCE-HAVEN SS AN14846-ET	USA 71632059						
SPRUCE-HAVEN SS BO15372-ET	USA 72924850						
SPRUCE-HAVEN SS BO15376-ET	USA 72924854						
SPRUCE-HAVEN SS BO15409-ET	USA 72924887						
SPRUCE-HAVEN SS BO15415-ET	USA 72924893						
SPRUCE-HAVEN SS BO15416-ET	USA 72924894						
SPRUCE-HAVEN SS BO15430-ET	USA 72924908						
SPRUCE-HAVEN SS BS14772-ET	USA 71631985						
SPRUCE-HAVEN SS ED14898-ET	USA 71632111						
SPRUCE-HAVEN SS GF15166-ET	USA 72924644						
SPRUCE-HAVEN SS LL15053	USA 72924531						
SPRUCE-HAVEN SS RY14776-ET	USA 71631989						
SPRUCE-HAVEN SS SS14663-ET	USA 71631876						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN SS SU15763-ET	USA 72925241						
SPRUCE-HAVEN SSC BJ13979-ET	USA 70609853						
SPRUCE-HAVEN SSC BJ14205-ET	USA 71631418						
SPRUCE-HAVEN SSC DE14235-ET	USA 71631448						
SPRUCE-HAVEN SSC DE14247-ET	USA 71631460						
SPRUCE-HAVEN SSC SX13986-ET	USA 70609860						1
SPRUCE-HAVEN SSC SX14486-ET	USA 71631699						
SPRUCE-HAVEN SST BJ16635-ET	840003127718454						
SPRUCE-HAVEN SST BJ16641-ET	840003127718460						
SPRUCE-HAVEN SST SX16742-ET	840003127718561						
SPRUCE-HAVEN SST SX16747-ET	840003127718566						
SPRUCE-HAVEN SST SX16843-ET	840003127718662						
SPRUCE-HAVEN SST SX16849-ET	840003127718668						
SPRUCE-HAVEN ST16877-RED-ET	840003127718696						
SPRUCE-HAVEN STACKD BJ14414	USA 71631627						
SPRUCE-HAVEN STEW S13344-ET	USA 70609218						
SPRUCE-HAVEN STEWARD 13038	USA 70608912						
SPRUCE-HAVEN STEWARD 13045	USA 70608919						
SPRUCE-HAVEN STEWARD A13277	USA 70609151						
SPRUCE-HAVEN STEWARD D13299	USA 70609173						
SPRUCE-HAVEN STEWRD BJ13022	USA 70608896						
SPRUCE-HAVEN STEWRD SX13313	USA 70609187						1
SPRUCE-HAVEN STEWRD SX14028	USA 71631241						
SPRUCE-HAVEN STH SU17106-TW	840003135197407						
SPRUCE-HAVEN STH SU17107-TW	840003135197408						
SPRUCE-HAVEN STO AN16014-ET	840003127717833						
SPRUCE-HAVEN STO AN16017-ET	840003127717836						
SPRUCE-HAVEN STO AN16021-ET	840003127717840						
SPRUCE-HAVEN STO AN16031-ET	840003127717850						
SPRUCE-HAVEN STO AN16033-ET	840003127717852						
SPRUCE-HAVEN STO BJ16141-ET	840003127717960						
SPRUCE-HAVEN STO BO15997-ET	USA 72925475						
SPRUCE-HAVEN STO BO16024-ET	840003127717843						
SPRUCE-HAVEN STO DC16266-ET	840003127718085						
SPRUCE-HAVEN STO KE16076-ET	840003127717895						
SPRUCE-HAVEN STO KE16080-ET	840003127717899						
SPRUCE-HAVEN STO KE16085-ET	840003127717904						
SPRUCE-HAVEN STO KE16087-ET	840003127717906						
SPRUCE-HAVEN STO KE16098-ET	840003127717917						
SPRUCE-HAVEN STO ZP16639-ET	840003127718458						
SPRUCE-HAVEN STR BS16213-ET	840003127718032					C	
SPRUCE-HAVEN STR RA15681-ET	USA 72925159						
SPRUCE-HAVEN STRAIT CO16704	840003127718523						
SPRUCE-HAVEN STRAIT SX16705	840003127718524						
SPRUCE-HAVEN STW BJ13295-ET	USA 70609169						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN STW BS13318-ET	USA 70609192						
SPRUCE-HAVEN STW SX13320-ET	USA 70609194		C				
SPRUCE-HAVEN STW SX13323-ET	USA 70609197						
SPRUCE-HAVEN STW SX13324-ET	USA 70609198		C				
SPRUCE-HAVEN STW SX13345-ET	USA 70609219						
SPRUCE-HAVEN STW SX13349-ET	USA 70609223						
SPRUCE-HAVEN SUD AA13691-ET	USA 70609565						
SPRUCE-HAVEN SUD SX13668-ET	USA 70609542						
SPRUCE-HAVEN SUD SX13763-ET	USA 70609637						
SPRUCE-HAVEN SUDAN LA13948	USA 70609822						
SPRUCE-HAVEN SUDAN SX16685	840003127718504						
SPRUCE-HAVEN SUP BJ13080-ET	USA 70608954						
SPRUCE-HAVEN SUP BJ13090-ET	USA 70608964						
SPRUCE-HAVEN SUP BJ13111-ET	USA 70608985						
SPRUCE-HAVEN SUP BJ13112-ET	USA 70608986						
SPRUCE-HAVEN SUP BS13207-ET	USA 70609081						
SPRUCE-HAVEN SUP LL11805-ET	USA 66758562						
SPRUCE-HAVEN SUP RB16613-ET	840003127718432						
SPRUCE-HAVEN SUP SX12955-ET	USA 69518291						
SPRUCE-HAVEN SUP SX12996-ET	USA 69518332						1
SPRUCE-HAVEN SUP SX13050-ET	USA 70608924						1
SPRUCE-HAVEN SUPER BJ12803	USA 69518139						
SPRUCE-HAVEN SUPER BS13106	USA 70608980						
SPRUCE-HAVEN SUPER K12810	USA 69518146						
SPRUCE-HAVEN SUPER KY14411	USA 71631624						
SPRUCE-HAVEN SUPER SX12802	USA 69518138						
SPRUCE-HAVEN SUPER SX13394	USA 70609268						
SPRUCE-HAVEN SUPERB LL14878	USA 71632091						
SPRUCE-HAVEN SUPR K13107-ET	USA 70608981						
SPRUCE-HAVEN SUPR L13155-ET	USA 70609029						
SPRUCE-HAVEN SUPR S13150-ET	USA 70609024						
SPRUCE-HAVEN SUPR S13158-ET	USA 70609032		C				
SPRUCE-HAVEN SUPR S13223-ET	USA 70609097						
SPRUCE-HAVEN SX14568-RED-ET	USA 71631781		C				3
SPRUCE-HAVEN SX14966-RED-ET	USA 71632179						
SPRUCE-HAVEN SX14980-RED-ET	USA 71632193						
SPRUCE-HAVEN SX16376-RED-ET	840003127718195						
SPRUCE-HAVEN SX16775-RED-ET	840003127718594						1
SPRUCE-HAVEN SX16789-RED-ET	840003127718608						1
SPRUCE-HAVEN SX16956-RED-ET	840003127718775						
SPRUCE-HAVEN SYM SX15083-ET	USA 72924561						
SPRUCE-HAVEN SYM SX15085-ET	USA 72924563			C			
SPRUCE-HAVEN SYM SX15086-ET	USA 72924564			C			
SPRUCE-HAVEN TAB LX15666-ET	USA 72925144						
SPRUCE-HAVEN TAB LX15680-ET	USA 72925158						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN TAB LX15686-ET	USA 72925164			C			
SPRUCE-HAVEN TABBER 16673	840003127718492			C			
SPRUCE-HAVEN TABBER BS16634	840003127718453			C			
SPRUCE-HAVEN TABBER ED16650	840003127718469			C			
SPRUCE-HAVEN TAILOR SU17183	840003135197484						
SPRUCE-HAVEN TALENT 11117	USA 66757874						
SPRUCE-HAVEN TAN AL15513-ET	USA 72924991						
SPRUCE-HAVEN TAN AL15523-ET	USA 72925001						
SPRUCE-HAVEN TAN BO15520-ET	USA 72924998		C				
SPRUCE-HAVEN TANGO BJ15880	USA 72925358						
SPRUCE-HAVEN TANGO BJ15885	USA 72925363						
SPRUCE-HAVEN TANGO BO15931	USA 72925409		C				
SPRUCE-HAVEN TANGO BS15457	USA 72924935						
SPRUCE-HAVEN TANGO SX16970	840003127718789		C				
SPRUCE-HAVEN TD 16684	840003127718503						
SPRUCE-HAVEN TD 16689-RED	840003127718508						
SPRUCE-HAVEN TD 16696	840003127718515						
SPRUCE-HAVEN TD BJ16596-RED	840003127718415						1
SPRUCE-HAVEN TD BJ16690-RED	840003127718509						3
SPRUCE-HAVEN TD BS16456	840003127718275			C			
SPRUCE-HAVEN TIM LL13933-ET	USA 70609807						
SPRUCE-HAVEN TIM SX13867-ET	USA 70609741						
SPRUCE-HAVEN TIM SX13879-ET	USA 70609753						
SPRUCE-HAVEN TIME BJ3498-ET	USA 63262358						
SPRUCE-HAVEN TIME S12552-ET	USA 69517888						
SPRUCE-HAVEN TIME S12563-ET	USA 69517899						
SPRUCE-HAVEN TIME S12584-ET	USA 69517920						1
SPRUCE-HAVEN TM SX11904-ET	USA 66758661						
SPRUCE-HAVEN TOPRCK SX15653	USA 72925131						
SPRUCE-HAVEN TOPROK RY15758	USA 72925236						
SPRUCE-HAVEN TRIG L13099-ET	USA 70608973						
SPRUCE-HAVEN TRIG L13100-ET	USA 70608974					C	
SPRUCE-HAVEN TRN BS13199-ET	USA 70609073						
SPRUCE-HAVEN TRN BS13203-ET	USA 70609077						
SPRUCE-HAVEN TRN BS13220-ET	USA 70609094						
SPRUCE-HAVEN TRO BJ16579-ET	840003127718398						
SPRUCE-HAVEN TRO CA16103-ET	840003127717922						
SPRUCE-HAVEN TRO CA16136-ET	840003127717955						
SPRUCE-HAVEN TRO SX16578-ET	840003127718397						
SPRUCE-HAVEN TRO SX16582-ET	840003127718401						
SPRUCE-HAVEN TRO SX16584-ET	840003127718403						
SPRUCE-HAVEN TRO SX16587-ET	840003127718406						
SPRUCE-HAVEN TRO WS16433-ET	840003127718252						
SPRUCE-HAVEN TRUMP AA15905	USA 72925383						
SPRUCE-HAVEN TRUMP BJ16438	840003127718257					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
SPRUCE-HAVEN TWS BJ12499-ET	USA 69517835					C	
SPRUCE-HAVEN UNO BJ14136-ET	USA 71631349						
SPRUCE-HAVEN UNO BJ14151-ET	USA 71631364						
SPRUCE-HAVEN UNO BJ14388-ET	USA 71631601						
SPRUCE-HAVEN UNO BO14539-ET	USA 71631752						
SPRUCE-HAVEN UNO KY14242-ET	USA 71631455						
SPRUCE-HAVEN UNO KY14277-ET	USA 71631490						
SPRUCE-HAVEN UNO KY14439-ET	USA 71631652						
SPRUCE-HAVEN UNO LA15039-ET	USA 72924517						
SPRUCE-HAVEN UNO LA15055-ET	USA 72924533						
SPRUCE-HAVEN UNO LA15060-ET	USA 72924538						
SPRUCE-HAVEN UNO RU15014-ET	USA 72924492						
SPRUCE-HAVEN UNO RU15033-ET	USA 72924511						
SPRUCE-HAVEN UNO RU15038-ET	USA 72924516						
SPRUCE-HAVEN UNO SX15294-ET	USA 72924772						
SPRUCE-HAVEN VA KY15305-RED	USA 72924783						
SPRUCE-HAVEN VA RU15603-RED	USA 72925081						
SPRUCE-HAVEN VOT BO16255-ET	840003127718074						
SPRUCE-HAVEN VOT BO16256-ET	840003127718075						
SPRUCE-HAVEN VOTTO BJ16399	840003127718218						
SPRUCE-HAVEN WALLY 15013	USA 72924491			C			
SPRUCE-HAVEN WAT SX13889-ET	USA 70609763						
SPRUCE-HAVEN WATSON 16615	840003127718434			C		C	
SPRUCE-HAVEN WATSON BJ16612	840003127718431						
SPRUCE-HAVEN WATSON CL15638	USA 72925116			C			
SPRUCE-HAVEN WATSON DC16253	840003127718072			C			
SPRUCE-HAVEN WATSON LA16589	840003127718408			C		C	
SPRUCE-HAVEN WAYLON BJ15282	USA 72924760						
SPRUCE-HAVEN WAYLON KL15295	USA 72924773						
SPRUCE-HAVEN WAYLON SX15502	USA 72924980						1
SPRUCE-HAVEN WESTW KY15265	USA 72924743						1
SPRUCE-HAVEN WIL KE15739-ET	USA 72925217	C					
SPRUCE-HAVEN WIL MS15649-ET	USA 72925127		C				1
SPRUCE-HAVEN WIL MS15652-ET	USA 72925130	C	C				
SPRUCE-HAVEN WINDSR CA17104	840003135197405						
SPRUCE-HAVEN WIS AL15564-ET	USA 72925042						
SPRUCE-HAVEN WIS AL15580-ET	USA 72925058						
SPRUCE-HAVEN WIS BJ15672-ET	USA 72925150						
SPRUCE-HAVEN WIS BJ15673-ET	USA 72925151						
SPRUCE-HAVEN WIS CL15537-ET	USA 72925015						
SPRUCE-HAVEN WIS SP15617-ET	USA 72925095						
SPRUCE-HAVEN WIS WS15541-ET	USA 72925019						
SPRUCE-HAVEN WIS WS15542-ET	USA 72925020						
SPRUCE-HAVEN WIS WS15748-ET	USA 72925226						
SPRUCE-HAVEN WRANGL BJ17125	840003135197426						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN WRANGL BJ17142	840003135197443						3
SPRUCE-HAVEN WRANGL RN17133	840003135197434			C			
SPRUCE-HAVEN WRANGLE 17088	840003135197389						
SPRUCE-HAVEN WS15347-RED-ET	USA 72924825						
SPRUCE-HAVEN WS15351-RED-ET	USA 72924829					C	
SPRUCE-HAVEN YAN BJ15882-ET	USA 72925360						
SPRUCE-HAVEN YAN BJ15883-ET	USA 72925361						
SPRUCE-HAVEN YAN BJ15889-ET	USA 72925367						
SPRUCE-HAVEN YAN BJ15894-ET	USA 72925372						
SPRUCE-HAVEN YAN BJ15902-ET	USA 72925380						
SPRUCE-HAVEN YAN BJ15951-ET	USA 72925429						
SPRUCE-HAVEN YAN BJ15955-ET	USA 72925433						
SPRUCE-HAVEN YAN BJ16212-ET	840003127718031						
SPRUCE-HAVEN YAN DC15986-ET	USA 72925464						
SPRUCE-HAVEN YAN DC15990-ET	USA 72925468						
SPRUCE-HAVEN YAN DC15994-ET	USA 72925472						
SPRUCE-HAVEN YAN DC16007-ET	840003127717826						
SPRUCE-HAVEN YAN DC16020-ET	840003127717839						
SPRUCE-HAVEN YAN DC16022-ET	840003127717841						
SPRUCE-HAVEN YAN DC16029-ET	840003127717848						
SPRUCE-HAVEN YAN MZ15613-ET	USA 72925091						
SPRUCE-HAVEN YAN MZ15622-ET	USA 72925100						
SPRUCE-HAVEN YANCE GR16892	840003127718711						
SPRUCE-HAVEN YANCE RU16995	840003127718814						
SPRUCE-HAVEN YANO AA14848	USA 71632061						
SPRUCE-HAVEN YANO SO14819	USA 71632032						
SPRUCE-HAVEN YOD BJ16480-ET	840003127718299						
SPRUCE-HAVEN YOD BS16299-ET	840003127718118						
SPRUCE-HAVEN YOD BS16301-ET	840003127718120						
SPRUCE-HAVEN YOD CA16071-ET	840003127717890						1
SPRUCE-HAVEN YOD CA16072-ET	840003127717891						
SPRUCE-HAVEN YOD CA16073-ET	840003127717892						1
SPRUCE-HAVEN YOD CA16082-ET	840003127717901						1
SPRUCE-HAVEN YOD CP16413-ET	840003127718232						
SPRUCE-HAVEN YOD CP16559-ET	840003127718378						
SPRUCE-HAVEN YOD CP16606-ET	840003127718425						
SPRUCE-HAVEN ZAZU A13546-ET	USA 70609420						
SPRUCE-HAVEN ZAZU A13556-ET	USA 70609430						
SPRUCE-HAVEN ZAZU A13565-ET	USA 70609439						
SPRUCE-HAVEN ZAZU A13566-ET	USA 70609440						
SPRUCE-HAVEN ZAZU A13582-ET	USA 70609456						
SPRUCE-HAVEN ZDK SX12806-ET	USA 69518142						
SPRUCE-HAVEN ZEU RY16529-ET	840003127718348						
SPRUCE-HAVEN ZEU RY16592-ET	840003127718411						
SPRUCE-HAVEN ZEUS 16894	840003127718713						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPRUCE-HAVEN ZEUS AN16282	840003127718101						
SPRUCE-HAVEN ZIGGY LA14877	USA 71632090						
SPRUCE-HAVEN ZIGGY SX14867	USA 71632080						
SPRUCE-HAVEN ZUS RY16518-ET	840003127718337						
SPRUCE-HILL ADVENT 810-RED	USA 137667675						
SPRUCE-HILL CAMELOT 119	USA 142208003						
SPRUCE-HILL CASHCOIN 172-ET	USA 142895230						
SPRUCE-HILL CASHCOIN 173-ET	USA 142933235						1
SPRUCE-HILL CASHCOIN 174-ET	USA 142933253						
SPRUCE-HILL CASHCOIN 175-ET	USA 142933262						1
SPRUCE-HILL DEDUCTIVE 190	USA 143113214						
SPRUCE-HILL DELIGENT 120	USA 142208012						
SPRUCE-HILL DENIM 126	USA 142308413						
SPRUCE-HILL DEPRINCE129-RED	USA 142308422						1
SPRUCE-HILL DRBL 982-RED-ET	USA 141722124		C				3
SPRUCE-HILL GLENTON 123	USA 142207972						
SPRUCE-HILL JACEY 169-ET	USA 142844092						
SPRUCE-HILL JACEY 170-ET	USA 142844113						
SPRUCE-HILL JACEY 177-ET	USA 142996025						
SPRUCE-HILL KOOL 134	USA 142407448						
SPRUCE-HILL MONTROSS 244	USA 143585417						
SPRUCE-HILL NIFTY 862	USA 139315499						
SPRUCE-HILL OSMOND 987	USA 141822486						
SPRUCE-HILL PLUS 894-ET	USA 140034378						
SPRUCE-HILL SATIRE 856	USA 139060791						
SPRUCE-HILL SHOTTLE 817	USA 137833874					C	
SPRUCE-HILL YODER 243-TW	USA 143585408						
SPUNGOLD AFTERSHOCK TARA	USA 140673212						
SPUNGOLD AFTSHK KARAMEL	USA 140927919					C	
SPUNGOLD BACC LINDSEY	USA 136380300						
SPUNGOLD FINAL CUT CHANCE	USA 141567389						3
SPUNGOLD ROYCE ABIGAIL	USA 69987854						
SPUNGOLD ROYCE TABITHA	USA 69987856						
SPUNGOLD S-S NATASHA	USA 136039482						
SPUNGOLD TOYSTORY NATALIE	USA 138337438						
SPUNGOLD-MVU ADRIAN-RED-ET	USA 140042083						
SPUNGOLD-MVU MALLIE-RED-TW	USA 139806984						
SPUNGOLD-MVU SALSA-RED-ET	USA 138874036						
SPUNGOLD-MVU SEABREEZE-RED	USA 141291284						1
SPUR-HAVEN SHOTGUN ROSITA	USA 141263203					C	
SPURLEY-GIRL A FRANKENCENSE	USA 72907521						
SPURLEY-GIRL A SRPARILA-RED	USA 72239565						
SPURLEY-GIRL ABR WATERMELON	USA 72239531						
SPURLEY-GIRL ABRAHAM BARBIE	USA 72907733						
SPURLEY-GIRL ABRAHAM KIMMIE	USA 72239615						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL ABRAHAM LIPPY	USA 72239553						
SPURLEY-GIRL ABRAHAM LIZZIE	USA 72239535						
SPURLEY-GIRL ABRAHAM MAGGIE	USA 72907744						
SPURLEY-GIRL ABRAHAM REMMIE	USA 72907520						
SPURLEY-GIRL ABRAHAM RIPPLE	USA 72239551						
SPURLEY-GIRL ABRAHAM SAVVIE	USA 72239526						
SPURLEY-GIRL ABRAHAM TAHIRA	USA 72907590						
SPURLEY-GIRL ABRAHM NIBBLES	USA 72239529						
SPURLEY-GIRL ABRHM EMMANUEL	USA 72907522						
SPURLEY-GIRL ABRHM SARAFINE	USA 72239559						
SPURLEY-GIRL ABRM EMMALEIGH	USA 72907752						
SPURLEY-GIRL ABRM JELLIBEAN	USA 72239534						
SPURLEY-GIRL ABRM POLYNESIA	USA 72907670						
SPURLEY-GIRL ACHLLS NALALEE	USA 72907749						
SPURLEY-GIRL ACTUAL MANGOS	USA 72239599						
SPURLEY-GIRL ACTUAL SCHLATA	USA 72239595						
SPURLEY-GIRL ALMND CALEOPIE	USA 72239575						
SPURLEY-GIRL ALMND LABONITA	USA 72239631						
SPURLEY-GIRL ALMOND FIDGET	USA 72239560						
SPURLEY-GIRL ALMOND LISA-TW	USA 72239641					C	
SPURLEY-GIRL ALMOND LOOKER	USA 72239562						
SPURLEY-GIRL ALMOND RABICA	USA 72239619					C	
SPURLEY-GIRL ALMOND TONIE	USA 72239545						
SPURLEY-GIRL AP ABADDON	USA 72239442						
SPURLEY-GIRL AP DARLYNE	USA 72239443						
SPURLEY-GIRL AP HARLEY	USA 72239427						
SPURLEY-GIRL AP WALIDAH	USA 72239445						
SPURLEY-GIRL AP YANA	USA 72239446						
SPURLEY-GIRL APLBOY AZTECAN	USA 72907697						
SPURLEY-GIRL APLBOY ZENITH	USA 72907581	C					
SPURLEY-GIRL APPLEBY SARITA	USA 72907552						
SPURLEY-GIRL ARK ELIME	USA 72239468						
SPURLEY-GIRL AT CHARLEMENGE	USA 142350371						
SPURLEY-GIRL AT JULIETTE	USA 72239506						
SPURLEY-GIRL ATL NIOCOLETTE	USA 72239426						
SPURLEY-GIRL ATL SLEEPY-RED	USA 72239457						
SPURLEY-GIRL ATLAN HIBERNIA	USA 72239435						
SPURLEY-GIRL ATLANTIS DIONE	USA 72239440	C					
SPURLEY-GIRL ATLANTIS INA	USA 72239504						
SPURLEY-GIRL ATLANTS BERTHA	USA 72239448						
SPURLEY-GIRL ATLANTS BROOKS	USA 72239460						
SPURLEY-GIRL ATLANTS CONNOR	USA 72239626						
SPURLEY-GIRL ATLNT KYLIE RC	USA 72239499						
SPURLEY-GIRL ATLNTIS BOMBER	USA 72239544						
SPURLEY-GIRL ATLNTIS VETERN	USA 72239467						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL ATLNTS EMME RC	USA 72239472						3
SPURLEY-GIRL ATLNTS ICLIPSE	USA 72239538						
SPURLEY-GIRL ATLTIS ZOE-RED	USA 72239421						
SPURLEY-GIRL ATTS BELLA-RED	USA 142323832						
SPURLEY-GIRL BAM BAM BARLEE	USA 74065557						
SPURLEY-GIRL BAM BAM KAIRA	USA 74065421						
SPURLEY-GIRL BAM BAM LUNITA	USA 74065418						
SPURLEY-GIRL BAM BAM NIABAM	USA 74065426						
SPURLEY-GIRL BAM BAM RYLA	USA 74065443						
SPURLEY-GIRL BAM BAM VANNA	USA 74065433			C			
SPURLEY-GIRL BAM BAM ZORA	USA 74065512						
SPURLEY-GIRL BAM PRESLEY	USA 74065568						
SPURLEY-GIRL BAM UMATILLA	USA 74065491						
SPURLEY-GIRL BANING JIGANTE	USA 72239557						
SPURLEY-GIRL BANKS DIAMOND	USA 72907662						
SPURLEY-GIRL BANKS FLORIANA	USA 72907661						
SPURLEY-GIRL BANKS GEZANA	USA 72907601						
SPURLEY-GIRL BANKS HALNIE	USA 72907633						
SPURLEY-GIRL BANKS HOLA	USA 72907609			C			
SPURLEY-GIRL BANKS JAM	USA 72907643						
SPURLEY-GIRL BANKS KAELYN	USA 72907578						
SPURLEY-GIRL BANKS SERPANT	USA 72907622						
SPURLEY-GIRL BANKS SHAUNA	USA 72907663						
SPURLEY-GIRL BANKS TOMMIE	USA 72907660			C			
SPURLEY-GIRL BANKS WAFIYA	USA 72907646			C			
SPURLEY-GIRL BANKS WANBLI	USA 72907618						
SPURLEY-GIRL BANNG VAQUILLA	USA 72239555						
SPURLEY-GIRL BANNING BEAUTE	USA 72239569						
SPURLEY-GIRL BANNING NANCY	USA 72239635						
SPURLEY-GIRL BANNING WHITES	USA 72239577						
SPURLEY-GIRL BARRETT SHAUNA	USA 141295372						
SPURLEY-GIRL BNNNG JAVANESE	USA 72239621						
SPURLEY-GIRL BOB AVALEIGH	USA 72907674						
SPURLEY-GIRL BOYBY DEMITRON	USA 72907711		C				3
SPURLEY-GIRL BOYBY VICTORIA	USA 72907756						
SPURLEY-GIRL BOYOBOY GALLI	USA 74065316						
SPURLEY-GIRL BOYOBOY NORRIA	USA 74065362						
SPURLEY-GIRL BOZEMN LALA-TW	USA 141102283						
SPURLEY-GIRL BOZMAN TERNERA	USA 141786924						
SPURLEY-GIRL BRN TRYPOTFANE	USA 72239558						
SPURLEY-GIRL BRONC DIAMANTE	USA 72239613			C			
SPURLEY-GIRL BRONCO BELKEN	USA 72239458						
SPURLEY-GIRL BRONCO DAIRE	USA 72239543						
SPURLEY-GIRL BRONCO FAUNA	USA 72239462						
SPURLEY-GIRL BRONCO FUEGO	USA 72239579			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL BRONCO ITALIA	USA 72239528						
SPURLEY-GIRL BRONCO PEARL	USA 72239550			C			
SPURLEY-GIRL BRONCO REAGANA	USA 72239471			C			
SPURLEY-GIRL BRT JAC-LYN-TW	USA 141213365						
SPURLEY-GIRL BRT JO-BEAR-TW	USA 141213495						
SPURLEY-GIRL BUD ABY	USA 72907710						
SPURLEY-GIRL BUD ARACHANA	USA 72907700						
SPURLEY-GIRL BUD AVAN	USA 72907712						
SPURLEY-GIRL BUD BALLERINA	USA 72907562						
SPURLEY-GIRL BUD BLAKE	USA 72239536						
SPURLEY-GIRL BUD CAMBODIA	USA 72239527						
SPURLEY-GIRL BUD CLARA	USA 72907803						
SPURLEY-GIRL BUD ELEIGH	USA 72239495						
SPURLEY-GIRL BUD ETHYL	USA 72907798						
SPURLEY-GIRL BUD FABUNNI	USA 72907807						
SPURLEY-GIRL BUD HOCKEY	USA 72907557						
SPURLEY-GIRL BUD ICE	USA 72907708						
SPURLEY-GIRL BUD IMANI	USA 72239630						
SPURLEY-GIRL BUD KITTIE	USA 72907629						
SPURLEY-GIRL BUD KOHNOVA	USA 72907623						
SPURLEY-GIRL BUD LAHELA	USA 72907592						
SPURLEY-GIRL BUD LEOPARD	USA 72907705						
SPURLEY-GIRL BUD LUCKEA	USA 72239628						
SPURLEY-GIRL BUD MAC	USA 72907648						
SPURLEY-GIRL BUD MARRIAGE	USA 72239582						
SPURLEY-GIRL BUD MCKINLEY	USA 72907518					C	
SPURLEY-GIRL BUD NYLA	USA 72907634						
SPURLEY-GIRL BUD NYMPH	USA 72907645						
SPURLEY-GIRL BUD SALVADORA	USA 72907566						
SPURLEY-GIRL BUD TIVONA	USA 72907624						
SPURLEY-GIRL BUD VERIA	USA 72239581						
SPURLEY-GIRL BUDDY AURORA	USA 72239523						
SPURLEY-GIRL BUDDY FINN	USA 72907709						
SPURLEY-GIRL BURT ANNEBELL	USA 141793142						
SPURLEY-GIRL BURT AZTECA	USA 141579333						
SPURLEY-GIRL BZMN BROOKLAND	USA 141792936						
SPURLEY-GIRL CABRILET REIGN	USA 74065559						
SPURLEY-GIRL CABRLT JADE II	USA 74065553						
SPURLEY-GIRL CAMILLA-RED-TW	USA 72907739	C					3
SPURLEY-GIRL CAMILLE-RED-TW	USA 72907738	C					
SPURLEY-GIRL CAMO DORA	USA 72239455						
SPURLEY-GIRL CAMO OPIUM	USA 72239461						
SPURLEY-GIRL CHAP BOBBIE	USA 72239576	C					
SPURLEY-GIRL CHEECH DIDER	USA 72239477						
SPURLEY-GIRL CHEECH WHITTLE	USA 72239470	C					

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL CHH GANGNAM RC	USA 72239483						
SPURLEY-GIRL CHIP HOHOHO	USA 72907536						3
SPURLEY-GIRL CHIP KISSES	USA 72907526	C					
SPURLEY-GIRL CHRDC HEELEIGH	USA 72239464						
SPURLEY-GIRL CLARK HADELEIN	USA 72239498						
SPURLEY-GIRL CLARK JENI	USA 72239512						
SPURLEY-GIRL CLARK SPARKLE	USA 72239500						
SPURLEY-GIRL CVALLEYGIRL RC	USA 72239485						
SPURLEY-GIRL D SNUGGLES-RED	USA 72907642						3
SPURLEY-GIRL DAMON RENO	USA 72239487						
SPURLEY-GIRL DAMON SERENA	USA 72239481						
SPURLEY-GIRL DAY ELENORA	USA 72907583						
SPURLEY-GIRL DAY LAKOTA	USA 72907594						
SPURLEY-GIRL DAY LUSTER	USA 72239629						
SPURLEY-GIRL DAY RAZZELLE	USA 72239648						
SPURLEY-GIRL DELECT PALMA	USA 74065534						
SPURLEY-GIRL DEMPSY DAMALIS	USA 72907605						
SPURLEY-GIRL DEMPSY MAZATIL	USA 72907611						
SPURLEY-GIRL DENIM BIANNCA	USA 72907724						
SPURLEY-GIRL DENIM CAYGILL	USA 72239597						
SPURLEY-GIRL DENIM EBONY	USA 72907538						
SPURLEY-GIRL DENIM FELICITY	USA 74065481						
SPURLEY-GIRL DENIM HELGA	USA 74065528						
SPURLEY-GIRL DENIM HICCUP	USA 72239583						
SPURLEY-GIRL DENIM IBYCUS	USA 72907517						
SPURLEY-GIRL DENIM ISIS	USA 74065287						
SPURLEY-GIRL DENIM JUNO	USA 74065279						
SPURLEY-GIRL DENIM KARLA	USA 74065361						
SPURLEY-GIRL DENIM LORALAIS	USA 74065273						
SPURLEY-GIRL DENIM MALLOW	USA 72239603						
SPURLEY-GIRL DENIM MATHILDA	USA 74065484						
SPURLEY-GIRL DENIM NIKKELO	USA 72239573						
SPURLEY-GIRL DENIM PENNY	USA 74065274						
SPURLEY-GIRL DENIM RORALEE	USA 74065482						
SPURLEY-GIRL DENIM ROSIE	USA 72239466						
SPURLEY-GIRL DENIM SELENE	USA 74065280						
SPURLEY-GIRL DENM QUINLEIGH	USA 72907596		C				
SPURLEY-GIRL DEPRINC CAITIE	USA 72907570						
SPURLEY-GIRL DEPRINC CARMEL	USA 72907523						3
SPURLEY-GIRL DEPRINC RAINEY	USA 72907579						3
SPURLEY-GIRL DEPRINCE ARCHI	USA 72907796						
SPURLEY-GIRL DEPRINCE LEWEY	USA 72907789						3
SPURLEY-GIRL DEPRN IANNA-RC	USA 72239451						3
SPURLEY-GIRL DEPRNC EVELYN	USA 72907568						3
SPURLEY-GIRL DESIGN CAT	USA 72239632						

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SPURLEY-GIRL DESIGN CLOVES	USA 72239539						
SPURLEY-GIRL DESIGN FOFO	USA 72239638						
SPURLEY-GIRL DESIGN JODY	USA 72239447						
SPURLEY-GIRL DESIGN MARCIE	USA 72239541						
SPURLEY-GIRL DESIGN NIACINE	USA 72239532						
SPURLEY-GIRL DESIGN SHIMMER	USA 72239428						
SPURLEY-GIRL DISGS SCARLETT	USA 74065419						3
SPURLEY-GIRL DISGUS DANETTE	USA 74065479						
SPURLEY-GIRL DISGUSE TINDER	USA 74065437						3
SPURLEY-GIRL DIXON DASH	USA 72239503						
SPURLEY-GIRL DIXON SHARRI	USA 72239509						
SPURLEY-GIRL DM OCTAVIAS-TW	USA 72907600						
SPURLEY-GIRL DMP OCTAVIA-TW	USA 72907599						
SPURLEY-GIRL DMPS OBEDIENCE	USA 72907606						
SPURLEY-GIRL DNM POINSETTIA	USA 72907527						
SPURLEY-GIRL DOMINANT NIKI	USA 72239424						
SPURLEY-GIRL DOMINANT YIELA	USA 72239429						
SPURLEY-GIRL DOMINCK QUINCE	USA 72907658						
SPURLEY-GIRL DOMINCK VALMAI	USA 72907585						
SPURLEY-GIRL DOMNANT REESES	USA 72239420						
SPURLEY-GIRL DPNC QUINEISHA	USA 72907539						3
SPURLEY-GIRL DPRINC SANGRIA	USA 72239497						3
SPURLEY-GIRL DPRINCE JENNIE	USA 72907783						
SPURLEY-GIRL DPRINCE PAKUNA	USA 72907810						
SPURLEY-GIRL DRAK SAMSAPEEL	USA 72239454		C				
SPURLEY-GIRL DREW BILLEIGH	USA 72907742						
SPURLEY-GIRL DREW JUNIPER	USA 72907795						
SPURLEY-GIRL DS TOCHTLI-RED	USA 74065476			C			3
SPURLEY-GIRL DUSK CRISP	USA 72239602						
SPURLEY-GIRL DUSK KJ	USA 72907675						
SPURLEY-GIRL DUSK OYA	USA 72907597						
SPURLEY-GIRL DUSK SARA	USA 72907667						
SPURLEY-GIRL DYMN BETHLEHEM	USA 72907531						
SPURLEY-GIRL DYMN CAMBRIDGE	USA 74065544						
SPURLEY-GIRL DYMN DANIEYELA	USA 74065463						
SPURLEY-GIRL DYMN MATALEIGH	USA 74065414						
SPURLEY-GIRL DYMN NIKILEIGH	USA 72907725						3
SPURLEY-GIRL DYMN QUINLEIGH	USA 72907723						
SPURLEY-GIRL DYMN SWEETTART	USA 72907602						
SPURLEY-GIRL DYMN TABILA-TW	USA 72907588						
SPURLEY-GIRL DYMON BETTY	USA 72239567						
SPURLEY-GIRL DYMON BLOSSOM	USA 72239566						
SPURLEY-GIRL DYMON BRIE	USA 74065514						
SPURLEY-GIRL DYMON CAIS	USA 72907631						
SPURLEY-GIRL DYMON DAMITA	USA 74065457						

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SPURLEY-GIRL DYMON DEBORAH	USA 74065436	C					
SPURLEY-GIRL DYMON DOLLEIGH	USA 72907691						
SPURLEY-GIRL DYMON EARLENE	USA 74065510						
SPURLEY-GIRL DYMON FRITO	USA 74065444						
SPURLEY-GIRL DYMON GARLAND	USA 72907529						
SPURLEY-GIRL DYMON GRETCH	USA 72907766						
SPURLEY-GIRL DYMON HALIA	USA 72907628						
SPURLEY-GIRL DYMON HIKARI	USA 74065468						
SPURLEY-GIRL DYMON IARA	USA 74065493						
SPURLEY-GIRL DYMON IBTESAM	USA 74065511						
SPURLEY-GIRL DYMON JEZEL	USA 74065450						
SPURLEY-GIRL DYMON JOSEPHA	USA 74065474						
SPURLEY-GIRL DYMON KARLEIGH	USA 72239554						3
SPURLEY-GIRL DYMON LOUVE	USA 72239542						
SPURLEY-GIRL DYMON MABIL	USA 74065495						
SPURLEY-GIRL DYMON MADELIA	USA 74065478						
SPURLEY-GIRL DYMON MALINA	USA 74065550						
SPURLEY-GIRL DYMON MARY	USA 74065464						
SPURLEY-GIRL DYMON OZARK	USA 72239552						3
SPURLEY-GIRL DYMON RAAMA	USA 74065532						
SPURLEY-GIRL DYMON RAGE	USA 74065311						
SPURLEY-GIRL DYMON RAWLINGS	USA 74065448			C			
SPURLEY-GIRL DYMON RHINE	USA 72239564						
SPURLEY-GIRL DYMON RICCI	USA 72907604						
SPURLEY-GIRL DYMON ROLLO	USA 74065522						
SPURLEY-GIRL DYMON SALT	USA 72907714						
SPURLEY-GIRL DYMON SOLTERA	USA 74065307						
SPURLEY-GIRL DYMON T-REX	USA 74065471						
SPURLEY-GIRL DYMON TABATHA	USA 74065519						
SPURLEY-GIRL DYMON TAYLA	USA 72907669						
SPURLEY-GIRL DYMON TIARA-TW	USA 72907589						
SPURLEY-GIRL DYMON UNDERS	USA 72907530						
SPURLEY-GIRL DYMON VENOM	USA 72907586	C					
SPURLEY-GIRL DYMON VODAY	USA 72907716						
SPURLEY-GIRL DYMON YAPANY	USA 74065492						
SPURLEY-GIRL EFFECTIV ELORA	USA 72239520						
SPURLEY-GIRL EFFECTIV SUGAR	USA 72239522						
SPURLEY-GIRL EMPIRE FLOUR	USA 72239409						1
SPURLEY-GIRL EMPIRE ISRAFIL	USA 72239403						1
SPURLEY-GIRL EMPIRE PEPPER	USA 72239405						
SPURLEY-GIRL EMPR GRANADINE	USA 72239415						1
SPURLEY-GIRL ERSKINE JACOB	USA 72239586						
SPURLEY-GIRL ESKIMOA-RED-TW	USA 72907544			C			
SPURLEY-GIRL FANRCK FABRICE	USA 74065366						
SPURLEY-GIRL FANRCK MACBETH	USA 74065334						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL FANRCK UZMA-TW	USA 74065500						
SPURLEY-GIRL FANRCK UZMU-TW	USA 74065501						
SPURLEY-GIRL FANROCK CARTER	USA 74065397						
SPURLEY-GIRL FDBCK CORALINE	USA 74065342			C			
SPURLEY-GIRL FDBK ANASTASIA	USA 74065344			C			
SPURLEY-GIRL FEEDBACK UMEKO	USA 72907639						
SPURLEY-GIRL FLN EXCELLEIGH	USA 74065565						
SPURLEY-GIRL FLYN AZURE	USA 74065363						
SPURLEY-GIRL FLYN OPHELIA	USA 74065447						
SPURLEY-GIRL FLYN SONJA	USA 74065371						
SPURLEY-GIRL FLYN TOMMI	USA 74065401						
SPURLEY-GIRL FLYN TRINEA	USA 74065453						
SPURLEY-GIRL FNRK NATALEIGH	USA 74065413						
SPURLEY-GIRL FROST HADRIA	USA 72907758						
SPURLEY-GIRL G GUINEVERE-TW	USA 74065455						3
SPURLEY-GIRL GALAXY BANE	USA 74065517						
SPURLEY-GIRL GALAXY FAE	USA 74065415						
SPURLEY-GIRL GALAXY JESSICA	USA 72239649						
SPURLEY-GIRL GALAXY JULIET	USA 74065356						
SPURLEY-GIRL GARIZONA TIM	USA 72239488						
SPURLEY-GIRL GERV JERRIANNE	USA 72907764						
SPURLEY-GIRL GERVASE ADVARK	USA 72907718						
SPURLEY-GIRL GERVASE AMORE	USA 72239611						
SPURLEY-GIRL GERVASE BAARA	USA 74065529						
SPURLEY-GIRL GERVASE BRANDY	USA 74065428						
SPURLEY-GIRL GERVASE CHUBBY	USA 72907652						
SPURLEY-GIRL GERVASE DAVIDA	USA 74065505						
SPURLEY-GIRL GERVASE KAGAMI	USA 74065499						
SPURLEY-GIRL GERVASE LAISHA	USA 74065461						
SPURLEY-GIRL GERVASE OCLAIR	USA 74065563						3
SPURLEY-GIRL GERVASE YAHOLO	USA 74065438						
SPURLEY-GIRL GERVASE ZIMMIE	USA 72907679						
SPURLEY-GIRL GERVASE ZOEY	USA 72239650						
SPURLEY-GIRL GERVS ABALEIGH	USA 72907721						
SPURLEY-GIRL GERVS SKYLA-TW	USA 74065523						
SPURLEY-GIRL GERVS SKYLU-TW	USA 74065524						
SPURLEY-GIRL GHOST DYLAN	USA 72239511						
SPURLEY-GIRL GHOST IZZI	USA 72239513						
SPURLEY-GIRL GHOST REED	USA 72239510						
SPURLEY-GIRL GLXY FRANCESKA	USA 72239623						
SPURLEY-GIRL GRV VOLLEYBALL	USA 72907556						
SPURLEY-GIRL GRVS SUPERSTAR	USA 72907701						
SPURLEY-GIRL GRWLD ZACHARAE	USA 142373958						
SPURLEY-GIRL GRZNA MARILYN	USA 72239491						
SPURLEY-GIRL HUBCAB VANGIE	USA 74065452						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL HURK LEYDY-RED	USA 72907574						
SPURLEY-GIRL HURK SABEEN	USA 72907593						
SPURLEY-GIRL ICEMAN APPLES	USA 72239600						
SPURLEY-GIRL ICEMAN AVAITOR	USA 72239608						
SPURLEY-GIRL ICEMAN ELYSSA	USA 72239444						
SPURLEY-GIRL ICEMAN FRITO	USA 72239489						
SPURLEY-GIRL ICEMAN JANICE	USA 72239644						
SPURLEY-GIRL ICEMAN RIA	USA 72239593						
SPURLEY-GIRL ICEMAN SEISMIC	USA 72239645						
SPURLEY-GIRL ICMN BOTTOMSUP	USA 72239587						
SPURLEY-GIRL INDY ASHLEIGH	USA 72907814						
SPURLEY-GIRL INDY BUCKWHEAT	USA 72907741						
SPURLEY-GIRL INDY CADEWYN	USA 72907682						
SPURLEY-GIRL INDY CAEL	USA 74065380						
SPURLEY-GIRL INDY CAM	USA 72907707						
SPURLEY-GIRL INDY DAVA	USA 72907598						
SPURLEY-GIRL INDY HAMMIE	USA 72907735	C					
SPURLEY-GIRL INDY HARMONIE	USA 72907736						
SPURLEY-GIRL INDY LEANNE	USA 72907672		C				
SPURLEY-GIRL INDY MADELINA	USA 72907565						
SPURLEY-GIRL INDY MALLEIGH	USA 72907745						
SPURLEY-GIRL INDY MATTIE	USA 72907727	C					
SPURLEY-GIRL INDY MAYAN	USA 72907696						
SPURLEY-GIRL INDY SAHARA	USA 72907685						
SPURLEY-GIRL INDY SHAZOO	USA 72907706					C	
SPURLEY-GIRL INDY THERESA	USA 72907751						
SPURLEY-GIRL INDY VELMA	USA 72907732						
SPURLEY-GIRL INSIST DODGER	USA 72239408						
SPURLEY-GIRL INSIST LESLIE	USA 72239416						
SPURLEY-GIRL IVAN SOPEL	USA 74065516						
SPURLEY-GIRL JACOB IDIOTITA	USA 72239636						
SPURLEY-GIRL JACOB MORENA	USA 72239571						
SPURLEY-GIRL JAGER MURMAH	USA 72907636						
SPURLEY-GIRL JAGGER AADI	USA 74065348			C			3
SPURLEY-GIRL JAGGER ABAS	USA 74065318			C			
SPURLEY-GIRL JAGGER ELANCO	USA 74065439						3
SPURLEY-GIRL JAGGER TACITA	USA 74065326			C			
SPURLEY-GIRL JAGGER ZAROLA	USA 74065375						
SPURLEY-GIRL JAGGR JENNESSA	USA 74065346						
SPURLEY-GIRL JAGR MAGICIANS	USA 74065324			C		C	
SPURLEY-GIRL JAGR WALDO-TW	USA 74065337						
SPURLEY-GIRL JAGR WARREN-TW	USA 74065336			C			3
SPURLEY-GIRL JAGUAR JANE	USA 72239437						
SPURLEY-GIRL JAGUAR SHAUNDA	USA 72239430						
SPURLEY-GIRL JAKE ABSYRTUS	USA 74065328						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL JAKE AVENGER	USA 72239607						
SPURLEY-GIRL JAKE BAILEY	USA 74065358						
SPURLEY-GIRL JAKE BETZIE	USA 74065372						
SPURLEY-GIRL JAKE CAPITAN	USA 72239574						
SPURLEY-GIRL JAKE CHILLEIGH	USA 74065320						
SPURLEY-GIRL JAKE CRISTIE	USA 72907730						
SPURLEY-GIRL JAKE DWEURGAR	USA 74065332						
SPURLEY-GIRL JAKE GAENOR	USA 74065360						
SPURLEY-GIRL JAKE GAETANA	USA 72907806						
SPURLEY-GIRL JAKE JACQUELLE	USA 72907550						
SPURLEY-GIRL JAKE KALLEIGH	USA 72907690						
SPURLEY-GIRL JAKE MACBETH	USA 74065333	C					
SPURLEY-GIRL JAKE MICCI	USA 72907630			C			
SPURLEY-GIRL JAKE PAQUITA	USA 74065417						
SPURLEY-GIRL JAKE SANCHO	USA 72239588						
SPURLEY-GIRL JAKE SHANIQUA	USA 72907804			C			
SPURLEY-GIRL JAKE TINLEY	USA 72907595						
SPURLEY-GIRL JAYDEN ABBATHA	USA 74065376						
SPURLEY-GIRL JAYDEN ARIAL	USA 74065314			C			
SPURLEY-GIRL JAYDEN GAIA	USA 74065292						
SPURLEY-GIRL JAYDEN VALERIA	USA 74065353						
SPURLEY-GIRL JAZZI AGNESS	USA 74065551						
SPURLEY-GIRL JBG AERO-SMITH	USA 74065521						3
SPURLEY-GIRL JBG KARLOANDI	USA 74065317	C					
SPURLEY-GIRL JBUG CALANTHE	USA 74065343						
SPURLEY-GIRL JBUG GRETCHINE	USA 74065440						
SPURLEY-GIRL JGER SACAGAWEA	USA 74065347						3
SPURLEY-GIRL JIGSAW GRETAL	USA 72239584						
SPURLEY-GIRL JITERBG SAFIYA	USA 74065379						
SPURLEY-GIRL JITRBG ANNITTE	USA 74065542						
SPURLEY-GIRL JITRBG BENNETE	USA 74065562						
SPURLEY-GIRL JITRBG SPLENDA	USA 72907786						
SPURLEY-GIRL JITRBUG INGRID	USA 74065409						3
SPURLEY-GIRL JITRBUG KELLEN	USA 72907687						
SPURLEY-GIRL JITRBUG SCRAPS	USA 74065396						
SPURLEY-GIRL JITRBUG SLIVER	USA 74065488						
SPURLEY-GIRL JITRBUG SYLVIA	USA 74065547						
SPURLEY-GIRL JITTERBUG BAAL	USA 74065325						
SPURLEY-GIRL JITTERBUG BRIT	USA 74065382						
SPURLEY-GIRL JITTERBUG FATE	USA 74065309						
SPURLEY-GIRL JITTRBUG DUCKY	USA 74065445						
SPURLEY-GIRL JITTRBUG DUENA	USA 74065369						
SPURLEY-GIRL JITTRBUG KAIRA	USA 74065407						
SPURLEY-GIRL JITTRBUG PAEAN	USA 74065315						
SPURLEY-GIRL JRBUG CHABELLA	USA 74065472						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL JTRBUG DANETTE	USA 74065370						
SPURLEY-GIRL JTRBUG SALATIA	USA 74065322						
SPURLEY-GIRL JTRBUG TERNITA	USA 74065530						
SPURLEY-GIRL KARSTEN GUINEA	USA 72239492						
SPURLEY-GIRL KEYBOARD MEA	USA 72907665						3
SPURLEY-GIRL KEYBOARD NINA	USA 72907641						3
SPURLEY-GIRL KEYBRD PASSION	USA 72907573			C			
SPURLEY-GIRL KNK CHAMBERLYN	USA 74065502						
SPURLEY-GIRL KRISTF PAMELIA	USA 72907541						
SPURLEY-GIRL KRST CHESTNUTS	USA 72907537	C					
SPURLEY-GIRL KRSTF ABRIANNA	USA 72907540						
SPURLEY-GIRL KRSTF LAUGHTER	USA 72907534						
SPURLEY-GIRL KYBRD COURTNEY	USA 72907720						3
SPURLEY-GIRL LADYSMN BURLIN	USA 74065552						
SPURLEY-GIRL LAMAR YAEL	USA 72239402						
SPURLEY-GIRL LAVISH OAKLEY	USA 74065412						
SPURLEY-GIRL LAVISH SNOW	USA 74065389						
SPURLEY-GIRL LAVSH CALDWELL	USA 74065367						
SPURLEY-GIRL LAWMAN GADAR	USA 74065509						
SPURLEY-GIRL LAWMAN KAL	USA 74065549						
SPURLEY-GIRL LAWMAN LAMIA	USA 74065504		C				
SPURLEY-GIRL LAWMAN TAVA	USA 74065538						
SPURLEY-GIRL LAWMAN XEXILIA	USA 74065467	C					
SPURLEY-GIRL LAZARITH LADON	USA 74065306						
SPURLEY-GIRL LEBRN FAUSTINA	USA 72907551						3
SPURLEY-GIRL LEBRON CHAPLIN	USA 72907519					C	
SPURLEY-GIRL LEBRON DANIELA	USA 72907525					C	
SPURLEY-GIRL LEBRON DIELLA	USA 72907555						
SPURLEY-GIRL LEBRON KARATE	USA 72907558						
SPURLEY-GIRL LELAND YIEJALA	USA 72239493						
SPURLEY-GIRL LEN SNICKERS	USA 141776114					C	
SPURLEY-GIRL LEOP JOE	USA 72239410						
SPURLEY-GIRL LEWELYN SPANKY	USA 72907797						
SPURLEY-GIRL LEWLLYN HALLAM	USA 74065385						
SPURLEY-GIRL LEWLYN DANGELA	USA 74065539						
SPURLEY-GIRL LEWLYN KELSEA	USA 74065441						
SPURLEY-GIRL LINUS TRINA	USA 142323823						
SPURLEY-GIRL LKSD MIKKEL RC	USA 72239515						3
SPURLEY-GIRL LLEWELLYN IRMA	USA 74065494	C					
SPURLEY-GIRL LLEWELLYN LACY	USA 74065496						
SPURLEY-GIRL LLEWELLYN ZAYN	USA 74065378						
SPURLEY-GIRL LLEWELYN FELSE	USA 74065390						
SPURLEY-GIRL LLEWELYN MAGOO	USA 74065515						
SPURLEY-GIRL LLEWELYN NORMA	USA 74065402						
SPURLEY-GIRL LLEWELYN TINTY	USA 74065536						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL LLEWLN LIQUER	USA 74065435						
SPURLEY-GIRL LLEWLYN EADOIN	USA 74065462						
SPURLEY-GIRL LLEWLYN HALLAM	USA 74065384						
SPURLEY-GIRL LLEWLYN JAFARI	USA 74065355						
SPURLEY-GIRL LLEWLYN JORRIE	USA 74065561			C			
SPURLEY-GIRL LLEWLYN KELSEA	USA 74065442						
SPURLEY-GIRL LLEWLYN ODESSA	USA 74065470						
SPURLEY-GIRL LLEWLYN REMBHA	USA 74065308						
SPURLEY-GIRL LLWLYN SAHIRAH	USA 74065374						
SPURLEY-GIRL LMRD GABRIELLA	USA 74065312						
SPURLEY-GIRL LN SASHLYN-RED	USA 74065483						
SPURLEY-GIRL LOGAN JANI	USA 74065299						
SPURLEY-GIRL LOGAN SESHAT	USA 74065283						
SPURLEY-GIRL LOMBARDI NEDRA	USA 74065364						
SPURLEY-GIRL LOMBARDI SARAH	USA 74065357						
SPURLEY-GIRL LOMBARDI SHIA	USA 74065535						
SPURLEY-GIRL LOMBRDI ADALYN	USA 74065533						
SPURLEY-GIRL LOMBRDI JANINE	USA 74065339						
SPURLEY-GIRL LOMBRDI LUCIAL	USA 74065560						
SPURLEY-GIRL LOMBRDI WHOPPE	USA 74065345						
SPURLEY-GIRL LRN ALEXANDREA	USA 72907547						
SPURLEY-GIRL LUE SINDERELLA	USA 142339433						
SPURLEY-GIRL LUNA CANDY	USA 72907750						
SPURLEY-GIRL LUNA HIGGINS	USA 74065558						
SPURLEY-GIRL LUNA TAMAERA	USA 74065548						
SPURLEY-GIRL LUNA THEMIS	USA 74065289						
SPURLEY-GIRL LW REDELL-RED	USA 74065391						
SPURLEY-GIRL LWLLN KAIKOURA	USA 72907815						
SPURLEY-GIRL LWLLN TIARINNY	USA 74065350						
SPURLEY-GIRL LWLN CYRUS-RED	USA 74065554						
SPURLEY-GIRL LWLN FANTASIAN	USA 74065319						
SPURLEY-GIRL LWLN JAIRDEEN	USA 74065527						
SPURLEY-GIRL LWLN LAILA-RED	USA 74065398						
SPURLEY-GIRL LWLN SHERYL-TW	USA 74065284						
SPURLEY-GIRL LWLYN TAILYNNE	USA 74065480						
SPURLEY-GIRL MANDOR NIGERIA	USA 72907657						
SPURLEY-GIRL MANDORA HAYDEN	USA 72907619						
SPURLEY-GIRL MANDORA SESSIE	USA 72907673						
SPURLEY-GIRL MANDORA TOBIE	USA 72907671						
SPURLEY-GIRL MANDORA TWYLA	USA 72907582	C					
SPURLEY-GIRL MANDORA UELLA	USA 72907666						
SPURLEY-GIRL MANDORA ULLA	USA 72907587						
SPURLEY-GIRL MANDORA YACHT	USA 72907617						
SPURLEY-GIRL MANDR GRACIELA	USA 72907591						
SPURLEY-GIRL MANDRA MALICHI	USA 72907676						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL MANDRA PHILLIE	USA 72907664						
SPURLEY-GIRL MAPLE SABBATH	USA 142309003						
SPURLEY-GIRL MARCELON HAZEL	USA 72239548	C					
SPURLEY-GIRL MARCELON SANTA	USA 72907528						
SPURLEY-GIRL MARCLN DOROTHY	USA 72239549						
SPURLEY-GIRL MARCLN ELIJAHA	USA 72239546						
SPURLEY-GIRL MARIO EMORIA	USA 72239568						
SPURLEY-GIRL MARIO EOS	USA 142373985						
SPURLEY-GIRL MARIO GEGE	USA 72239404						
SPURLEY-GIRL MARIO JULY	USA 72239578						
SPURLEY-GIRL MARIO MADURA	USA 72239591			C			
SPURLEY-GIRL MARIO NATICAL	USA 72239580	C					
SPURLEY-GIRL MARIO RAINBOW	USA 72239501						
SPURLEY-GIRL MARIO ZERIOUS	USA 72239563						
SPURLEY-GIRL MARVELS YETTHI	USA 142323850						
SPURLEY-GIRL MASSIVE EMMIE	USA 141940982						
SPURLEY-GIRL MAYHEM BRITTY	USA 74065286						
SPURLEY-GIRL MAYHEM DONNI	USA 74065469						
SPURLEY-GIRL MAYHEM FREYJA	USA 74065288						
SPURLEY-GIRL MAYHEM OMA	USA 72907799						
SPURLEY-GIRL MAYHEM PABST	USA 74065466			C			
SPURLEY-GIRL MAYHEM PERCY	USA 72907787						
SPURLEY-GIRL MAYHEM SABELLA	USA 74065335						
SPURLEY-GIRL MAYHEM SATYRE	USA 74065281						
SPURLEY-GIRL MAYHEM SWITCH	USA 72907811						
SPURLEY-GIRL MAYHM CALLEIGH	USA 72239502						
SPURLEY-GIRL MAYHM HOLSTEIN	USA 72907805						
SPURLEY-GIRL MAYHM SANDRA D	USA 74065277						
SPURLEY-GIRL MEANDER BECKIE	USA 72907757					C	
SPURLEY-GIRL MEANDER BOSSIE	USA 72907659						
SPURLEY-GIRL MEANDER DULCE	USA 72907644					C	
SPURLEY-GIRL MEANDER IRMA	USA 72907754						
SPURLEY-GIRL MEANDER JUDIE	USA 72907753						
SPURLEY-GIRL MEANDER LUCKIE	USA 72239627	C					
SPURLEY-GIRL MEANDER WARREN	USA 72907613					C	
SPURLEY-GIRL MEANDER WATERS	USA 72907621						
SPURLEY-GIRL MEANDER XANNON	USA 72907615						
SPURLEY-GIRL MEANDR TRILLIE	USA 72907567						
SPURLEY-GIRL MEL HAZZARD	USA 72907553						
SPURLEY-GIRL MEL KATHLEEN	USA 72239642						
SPURLEY-GIRL MEL SALSA	USA 72239592					C	
SPURLEY-GIRL MEL WALLABY	USA 72239643			C		C	
SPURLEY-GIRL MENDER BELOVED	USA 72907572	C					
SPURLEY-GIRL MENDER CAMILLE	USA 72907650					C	
SPURLEY-GIRL MENDR MAMMOUTH	USA 72907695						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL MILO DENISE	USA 72239422						
SPURLEY-GIRL MNDER MARIPOSA	USA 72907610						
SPURLEY-GIRL MNDER VINDETTA	USA 72907608					C	
SPURLEY-GIRL MNDR ROXALEIGH	USA 72907651						
SPURLEY-GIRL MODSTO TATIANA	USA 72239639						
SPURLEY-GIRL MY WAY GALPAL	USA 74065541						
SPURLEY-GIRL MY WAY MINDY	USA 74065473						3
SPURLEY-GIRL MY WAY SHINE	USA 74065475						
SPURLEY-GIRL MY WAY TITRATE	USA 74065477						
SPURLEY-GIRL MYHM ARIANRHOD	USA 74065282						
SPURLEY-GIRL MYTH BERTHA	USA 72907677						
SPURLEY-GIRL NIKKO CHERLITA	USA 72907580						
SPURLEY-GIRL NIKKO HIBISCUS	USA 72907575						
SPURLEY-GIRL NITRO RONICA	USA 72239521						
SPURLEY-GIRL NITROGL CHICHI	USA 72239490						
SPURLEY-GIRL NITROGLCN ARDI	USA 72239505						
SPURLEY-GIRL NITROGLCRN SI	USA 72239486						
SPURLEY-GIRL NITROGLYC CASH	USA 72239494						
SPURLEY-GIRL O PLANET ABRIL	USA 141759270						
SPURLEY-GIRL O-STYLE EARA	USA 74065506						
SPURLEY-GIRL O-STYLE FARAH	USA 74065485						
SPURLEY-GIRL O-STYLE VANYA	USA 74065503						
SPURLEY-GIRL O-STYLE VIOLET	USA 74065537						
SPURLEY-GIRL O-STYLE YANNI	USA 72907626						
SPURLEY-GIRL ONYX ABRIL-TW	USA 74065403			C			
SPURLEY-GIRL ONYX BEA	USA 74065486						
SPURLEY-GIRL ONYX DRAGON	USA 74065497			C			
SPURLEY-GIRL ONYX HELLA	USA 74065290			C			
SPURLEY-GIRL ONYX KONYX	USA 74065446	C					
SPURLEY-GIRL ONYX MAENADES	USA 74065321			C			
SPURLEY-GIRL ONYX PABLA	USA 74065525			C			
SPURLEY-GIRL ONYX VALI	USA 74065301						
SPURLEY-GIRL ORIEL CHARITES	USA 72239453						
SPURLEY-GIRL ORIEL RAYLEIGH	USA 72239436						
SPURLEY-GIRL OTCT CALEYA-TW	USA 72907773						
SPURLEY-GIRL OTCT IDALIA-TW	USA 72907746						
SPURLEY-GIRL OTCT ZARIFA-TW	USA 72907809						
SPURLEY-GIRL OUTACITE HILDA	USA 72907784						
SPURLEY-GIRL OUTACITE MOOSE	USA 72907785						
SPURLEY-GIRL OUTACITE OLAF	USA 72907719						
SPURLEY-GIRL OUTCIT ADDISON	USA 74065271						
SPURLEY-GIRL OUTCITE JILLIE	USA 72907722						
SPURLEY-GIRL OUTCT ZARIA-TW	USA 72907808						
SPURLEY-GIRL P BEATRISA-RED	USA 72907554						
SPURLEY-GIRL P KAILEIGH-RED	USA 72907743						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
SPURLEY-GIRL PADLOCK ULEMA	USA 72907627						
SPURLEY-GIRL PARMESN DALLAS	USA 72239449	C					
SPURLEY-GIRL PAX ANTLERS	USA 72907532						
SPURLEY-GIRL PAX BALLER	USA 72907561						
SPURLEY-GIRL PAX CELIA	USA 72907793						
SPURLEY-GIRL PAX DELTA-RED	USA 72907625						
SPURLEY-GIRL PAX ELLIE	USA 72907640						
SPURLEY-GIRL PAX ESKIMO-TW	USA 72907543						
SPURLEY-GIRL PAX GALIENA	USA 72907612						
SPURLEY-GIRL PAX ROBIN-RED	USA 72907614						
SPURLEY-GIRL PAX SHASHA-RED	USA 72239537						
SPURLEY-GIRL PAX TINDRA-RED	USA 72907620						
SPURLEY-GIRL PAX VANNA-RED	USA 72907603						
SPURLEY-GIRL PAX YAOTL	USA 72907649						
SPURLEY-GIRL PAX ZALTANA	USA 72907681						
SPURLEY-GIRL PL PRISCILLINE	USA 72907545						
SPURLEY-GIRL PN CAPRICE-RED	USA 142373976						
SPURLEY-GIRL PR LAIGHLAH-TW	USA 72239474						
SPURLEY-GIRL PR LEIGHLAH-TW	USA 72239473						
SPURLEY-GIRL PRAISE COORS	USA 74065465						
SPURLEY-GIRL PRAISE MARLI	USA 74065459						3
SPURLEY-GIRL PRAISE TAMANGA	USA 74065556						
SPURLEY-GIRL PRIMUS RHEA	USA 74065278						
SPURLEY-GIRL PRNC PIPPY-RED	USA 72907813						
SPURLEY-GIRL PROPER CADENZA	USA 72239612						
SPURLEY-GIRL PROPER CAMERIA	USA 72239606						
SPURLEY-GIRL PROPER HOMER	USA 72239605						
SPURLEY-GIRL PROPER PINNA	USA 72239596						
SPURLEY-GIRL PROPER SAMMI	USA 72239604						
SPURLEY-GIRL PROPER SAVAGE	USA 72239616						
SPURLEY-GIRL PROPR MISCHIEF	USA 72239598						
SPURLEY-GIRL PROPR NAKSHITA	USA 72239625	C					
SPURLEY-GIRL PUZZLE ALISON	USA 72907635			C			
SPURLEY-GIRL PUZZLE KACHINA	USA 72907542						
SPURLEY-GIRL PUZZLE RANNA	USA 141792815						
SPURLEY-GIRL PUZZLE TOLEDO	USA 141975241						
SPURLEY-GIRL PX KYLEIGH-RED	USA 72239406						3
SPURLEY-GIRL QUAERO CAILYN	USA 74065487						
SPURLEY-GIRL QUAERO RAEANNE	USA 74065540						
SPURLEY-GIRL RAINER PAINTER	USA 74065368						3
SPURLEY-GIRL RAMBLE ASHLEY	USA 142224508						
SPURLEY-GIRL RAU EVANGELINA	USA 141349996						
SPURLEY-GIRL RD SPICELA-RED	USA 72239456						3
SPURLEY-GIRL RDTT REMMLEIGH	USA 72907678						
SPURLEY-GIRL RDZN ROUGE-RED	USA 142323814						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL REPTATIN KALOC	USA 74065296						
SPURLEY-GIRL REPTATION PAKI	USA 74065377						
SPURLEY-GIRL REPTATION SAGA	USA 74065300						
SPURLEY-GIRL REPTATN GANESA	USA 74065323	C					
SPURLEY-GIRL REPTATN MANNIE	USA 74065340						
SPURLEY-GIRL REPTN PACTOLUS	USA 74065313						
SPURLEY-GIRL REPTTN BEOWULF	USA 74065305						
SPURLEY-GIRL RHADAMANTHUS	USA 74065293			C			
SPURLEY-GIRL RIDOTT BORIS	USA 72907704						
SPURLEY-GIRL RPTTN LUBERCUS	USA 74065295						
SPURLEY-GIRL S TORRANCE-RED	USA 74065416						
SPURLEY-GIRL SANTINO COBRA	USA 72907763					C	
SPURLEY-GIRL SANTINO ZORA	USA 72907686						
SPURLEY-GIRL SANTN NAKENDRA	USA 72907680						
SPURLEY-GIRL SCH RINGER-RED	USA 72239634						
SPURLEY-GIRL SLADE ECHO-RED	USA 74065304						
SPURLEY-GIRL SLADE GEORGIA	USA 74065543						3
SPURLEY-GIRL SLADE LOUANNA	USA 74065458						
SPURLEY-GIRL SLD BASTET-RED	USA 74065291						
SPURLEY-GIRL SLD JONNIE-RED	USA 74065555						
SPURLEY-GIRL SLD WALVIA-RED	USA 74065423		C				
SPURLEY-GIRL SLEEPING B-RED	USA 74065518						
SPURLEY-GIRL SNTNO BRITTANY	USA 72239425						
SPURLEY-GIRL SOBIESK TIANNE	USA 72239459						
SPURLEY-GIRL SOBIESKI KANNA	USA 72239496						
SPURLEY-GIRL SOBSKI TYLLISH	USA 72239452						
SPURLEY-GIRL SPDY PANCHO-TW	USA 72907770						
SPURLEY-GIRL SPDY PINCHO-TW	USA 72907771						
SPURLEY-GIRL SPDY ZILLEIGH	USA 72907740						
SPURLEY-GIRL SPEDY CHAMONIX	USA 74065275						3
SPURLEY-GIRL SPEDY SEAHORSE	USA 72907703						
SPURLEY-GIRL SPEED JASAMINE	USA 72907692						
SPURLEY-GIRL SPEEDY AUDREY	USA 72907748						
SPURLEY-GIRL SPEEDY FAINA	USA 72907761						
SPURLEY-GIRL SPEEDY GUIANNA	USA 72907726						
SPURLEY-GIRL SPEEDY JESIMAE	USA 72907760						
SPURLEY-GIRL SPEEDY TRISTIE	USA 72907731						
SPURLEY-GIRL STEREO MIMZIE	USA 72239508						
SPURLEY-GIRL SUPER SUSSANNA	USA 72907569						
SPURLEY-GIRL TALAN IRINA	USA 72907791						
SPURLEY-GIRL TALAN SADAH	USA 72907769						
SPURLEY-GIRL TAMPA DORRINE	USA 74065422						
SPURLEY-GIRL TAMPA KIMMY	USA 74065430						
SPURLEY-GIRL TAMPA RODEO	USA 74065498						
SPURLEY-GIRL TAMPA TAAPA	USA 74065531						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL TANGO ABEDNEGA	USA 72907632						
SPURLEY-GIRL TANGO ERTLE	USA 72907576		C				
SPURLEY-GIRL TANGO MEME	USA 72907638	C					
SPURLEY-GIRL TASTIC JACKI	USA 142218439						
SPURLEY-GIRL TF PRIMROSE RC	USA 72239479						
SPURLEY-GIRL TNGNT HAYASTAN	USA 72239439						
SPURLEY-GIRL TONIC KI	USA 72239419						
SPURLEY-GIRL TORNADO ADIDAS	USA 72239433			C			
SPURLEY-GIRL TORNADO MADRE	USA 72239441						
SPURLEY-GIRL TORNADO UNITA	USA 72239556						
SPURLEY-GIRL TORNADO VICKI	USA 72239432						
SPURLEY-GIRL TREK WHISTLE	USA 72239418						
SPURLEY-GIRL TREY ROBYN	USA 142339527						
SPURLEY-GIRL TRIVA MADELIEF	USA 74065508						
SPURLEY-GIRL TRNDO TRINITY	USA 72239438					C	
SPURLEY-GIRL TURBO GRATEFUL	USA 72239480						
SPURLEY-GIRL TURBO THAILIA	USA 72239475						
SPURLEY-GIRL TURF LYNNETTE	USA 72239476						
SPURLEY-GIRL TURF TREYA	USA 72239478						
SPURLEY-GIRL TUSCBIA HAITIE	USA 72907734						
SPURLEY-GIRL TUSCOBIA DIANA	USA 72907728						
SPURLEY-GIRL TY REMEMBRANCE	USA 72239412						
SPURLEY-GIRL TYEE CHARLOTTA	USA 72239507						
SPURLEY-GIRL TYLER YAHAIRA	USA 72239407						
SPURLEY-GIRL TYLR DEUCALION	USA 72239401						
SPURLEY-GIRL TYLR HOLLISTER	USA 142318568						
SPURLEY-GIRL U ENNELEIGH-TW	USA 72907782						
SPURLEY-GIRL UNIQ CAMILEIGH	USA 72907683						
SPURLEY-GIRL UNIQ FRUITCAKE	USA 72907801						
SPURLEY-GIRL UNIQU JACOBIEN	USA 72907747						
SPURLEY-GIRL UNIQUE BEAUTY	USA 72907802						
SPURLEY-GIRL UNIQUE BONZI	USA 72907699						
SPURLEY-GIRL UNIQUE JUJUBE	USA 72907794						
SPURLEY-GIRL UNIQUE LENORA	USA 72907702						
SPURLEY-GIRL UNIQUE RAGLAN	USA 74065272						
SPURLEY-GIRL UNIQUE VANNIE	USA 72907790						
SPURLEY-GIRL VOLGA MAUREEN	USA 72239434	C					3
SPURLEY-GIRL WGNG VICTORIUS	USA 72239540						
SPURLEY-GIRL WILTN CHARISSA	USA 72907549						
SPURLEY-GIRL WILTN YUELTIDE	USA 72907535			C			
SPURLEY-GIRL WILTON BAKEE	USA 72239609						
SPURLEY-GIRL WILTON MAXIMUM	USA 72239618					C	
SPURLEY-GIRL WILTON NATSHA	USA 72239614						
SPURLEY-GIRL WILTON PHOENIX	USA 72239413						
SPURLEY-GIRL WILTON PIGTAIL	USA 72239624						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SPURLEY-GIRL WILTON PUNJABI	USA 72239622						
SPURLEY-GIRL WILTON SPANISH	USA 72239617						
SPURLEY-GIRL WLFGNG JACENIA	USA 72239517						
SPURLEY-GIRL WOLFGANG ALLIS	USA 72239516						3
SPURLEY-GIRL WOLFGANG FIERO	USA 72239590						
SPURLEY-GIRL WOLFGANG HALO	USA 142373994						3
SPURLEY-GIRL WOLFGANG JIA	USA 72239594						
SPURLEY-GIRL WOLFGANG LUTEN	USA 72239533						
SPURLEY-GIRL WOLFGANG MALLI	USA 72239519						
SPURLEY-GIRL WOLFGANG SALLY	USA 74065507						
SPURLEY-GIRL WOLFGNG GODVIA	USA 72239646						3
SPURLEY-GIRL WOLFGNG JESSIE	USA 74065451						3
SPURLEY-GIRL WOLFGNG ROBBIE	USA 74065513						
SPURLEY-GIRL YANO CHELSANN	USA 72907717						
SPURLEY-GIRL YANO CHINA	USA 74065298						
SPURLEY-GIRL YANO CUPID	USA 72907571						
SPURLEY-GIRL YANO FARCI	USA 72239620						
SPURLEY-GIRL YANO GALLANTES	USA 74065302		C				
SPURLEY-GIRL YANO HAILEY	USA 72907607						
SPURLEY-GIRL YANO JOANE	USA 74065429						
SPURLEY-GIRL YANO JOSEPHINE	USA 72239547						
SPURLEY-GIRL YANO KAHLILIA	USA 72239647						
SPURLEY-GIRL YANO MAMAJI	USA 72239482						
SPURLEY-GIRL YANO PAMELITA	USA 72907729						
SPURLEY-GIRL YANO PARMASEAN	USA 74065449						
SPURLEY-GIRL YANO PHINNISH	USA 72907693						
SPURLEY-GIRL YH NADALINE-TW	USA 74065567						
SPURLEY-GIRL YLNG AMBROSIUS	USA 72907524						
SPURLEY-GIRL YOH CAZZERLYN	USA 74065570						
SPURLEY-GIRL YOH NADALIN-TW	USA 74065566						
SPURLEY-GIRL YOHO JAQUELINE	USA 72907584						
SPURLEY-GIRL YOOHOO GABRIE	USA 74065381						
SPURLEY-GIRL YOOHOO GAFNIT	USA 74065351						
SPURLEY-GIRL YOOHOO JABRE	USA 74065399						
SPURLEY-GIRL YOOHOO LALITA	USA 72907577						
SPURLEY-GIRL YOOHOO MACEO	USA 74065460						
SPURLEY-GIRL YOOHOO TIPSY	USA 74065338						
SPURLEY-GIRL YOOHOO ULLER	USA 74065329						
SPY IDI 489-ET	DEU 114706475						3
SQUARE KANU ADER 9144-ET	840003125944666						
SQUARE KANU ADR 9165-ET	840003125944687						
SQUARE MOZY BUR 9120-ET	840003125944642						
SQUARE OHARE ASIA-ET	840003123886051			C			1
SQUARE OHARE ASPEN-ET	840003123886060						1
SQUARE OHARE ATHENS-ET	840003124584804			C			1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SR-FELTEN ARMANI ELAINA	USA 73212537						
SRB-MD JEEVES DARLA 554	USA 72299467						
SRB-MD MASSEY ASHLEY 562	USA 72299475						
SRB-MD TRIGGER MAY 549	USA 70514123	C				C	
SRD-IL ACME EXPRESS-ET	USA 72367011						
SRD-IL ALEXANDER BECKY-ET	840003006065760						
SRD-IL BOLTON TIMELESS	840003001492690						
SRD-IL BRAXTON BRIDGET-ET	840003008277191						
SRD-IL FEVER BLAISE-ET	840003008277236						
SRD-IL FREMONT BRINA-ET	840003006065751						
SRD-IL FREMONT KENDRA-ET	840003006065746						
SRD-IL JASPER NANTUCKET	840003001492705						
SRD-IL JEEVES BARBARA-ET	840003006065743						
SRD-IL SHAMROCK BEV-ET	840003008277194						
SRD-IL SHOTTLE BALSAM-ET	840003006065689					C	1
SRD-IL WINDBROOK BRYN-ET	840003008277207						1
SRD-KD COLT P KARMA-RED-ET	840003008277323						
SRD-KD GOLDSUN BETA-ET	840003008277314						
SRD-KD MOGUL BREN-ET	840003008277316						
SRD-LLC CAS OLIA CRI-ET	USA 68767220						
SRD-LLC CAS OLIVIA CRI-ET	USA 68767219			C			
SRD-LLC COLBY PRICEY	USA 60838373		C				
SRD-LLC OATMEAL CRI-ET	USA 66321136			C			
SRF-ZBW ALEXANDER LIZBON-ET	840003011148425						1
SRF-ZBW CLARK LYNN-ET	USA 63950318						
SRF-ZBW DMS JACKIE-ET	USA 63950306		C				
SRF-ZBW FEVER LYZA-ET	USA 141706638						
SRF-ZBW GOLDWYN LEXUS-ET	840003013216958						1
SRF-ZBW SEBASTION JILL-ET	USA 70071558						
SRF-ZBW STORM LEGACY-ET	USA 62535784						1
SRF-ZBW TS LOUANA-ET	USA 62535780						
SRNKA BEST DOMINICA KRISSA	USA 61839355						
SRNKA MICH GINGER FAITH	USA 61839321						3
SRP ABSOLUTE FANTASY-RED-ET	USA 66758640						
SRP ABSOLUTE FLAME-RED-ET	USA 66758634						
SRP ABSOLUTE FURY-RED-ET	USA 66758635						
SRP ABSOLUTE R12040-RED-ET	USA 69517376						
SRP AL ZO12089-ET	USA 69517425						
SRP AZYGOUS ZP15539	USA 72925017						
SRP BOOKEM ZO13615-ET	USA 70609489						
SRP BOOKEM ZO13640-ET	USA 70609514			C			
SRP BOWSER ROSA 12771	USA 69518107						
SRP BOWSER ZO12748-ET	USA 69518084			C			
SRP BOWSER ZO12757-ET	USA 69518093			C			
SRP BOWSER ZO12765-ET	USA 69518101						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SRP BOWSER ZO12767-ET	USA 69518103						
SRP BOWSER ZO12780-ET	USA 69518116			C			
SRP BOWSER ZO12781-ET	USA 69518117			C			
SRP CIM ZO12649-ET	USA 69517985			C			
SRP CIM ZO12683-ET	USA 69518019						
SRP CLARK 13800	USA 70609674						
SRP DESTRY F11989-ET	USA 66758746						
SRP DESTRY FROLIC-RED-ET	USA 66758728						1
SRP DESTRY FUSIA-RED-ET	USA 69517344						1
SRP DORCY YV15597-ET	USA 72925075						
SRP DORCY YV15620-ET	USA 72925098						
SRP DORCY YV15639-ET	USA 72925117						
SRP DORCY ZO12297-ET	USA 69517633			C			
SRP DORCY ZO12309-ET	USA 69517645						
SRP DORCY ZO12311-ET	USA 69517647						
SRP DORCY ZO12314-ET	USA 69517650			C			
SRP DORCY ZO12316-ET	USA 69517652						
SRP DORCY ZO12324-ET	USA 69517660						
SRP DORCY ZO12325-ET	USA 69517661						
SRP DYNAMIC G13052-ET	USA 70608926						
SRP DYNAMIC G13054-ET	USA 70608928			C			
SRP DYNAMIC G13057-ET	USA 70608931			C			
SRP DYNAMIC G13060-ET	USA 70608934			C			
SRP DYNAMIC G13061-ET	USA 70608935			C			
SRP DYNAMIC G13072-ET	USA 70608946						
SRP GRAFEETI ZP15296-ET	USA 72924774						1
SRP GRAFEETI ZP15299-ET	USA 72924777			C			1
SRP GRAFEETI ZP15302-ET	USA 72924780			C			1
SRP GRAFEETI ZP15309-ET	USA 72924787			C			1
SRP GRAFEETI ZP15324-ET	USA 72924802						1
SRP GRAFEETI ZP15327-ET	USA 72924805						1
SRP GRAFEETI ZP15328-ET	USA 72924806						
SRP JABIR YVONNE 15530-ET	USA 72925008						
SRP JABIR YVONNE 15531-ET	USA 72925009						
SRP JACKMAN NP15461-ET	USA 72924939						
SRP JACKMAN NP15462-ET	USA 72924940						
SRP JACKMAN NP15470-ET	USA 72924948						
SRP JACKMAN NP15474-ET	USA 72924952						
SRP JACKMAN NP15476-ET	USA 72924954			C			
SRP JETTAIR ADA 16240-ET	840003127718059		C				
SRP JETTAIR ANNA 16236-ET	840003127718055		C				
SRP JETTAIR YVONNE 16032-ET	840003127717851						
SRP KINGBOY ALLIE 16313-ET	840003127718132		C				
SRP KINGBOY ANNIE 16363-ET	840003127718182		C				
SRP KINGBOY ASA 16333-ET	840003127718152		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SRP KINGBOY AVA 16337-ET	840003127718156						
SRP MAGNUS ZO13699-ET	USA 70609573						
SRP MAINEVENT ALI 16432-ET	840003127718251						
SRP MAINEVENT ANDI 16446-ET	840003127718265		C				
SRP MASSEY ZIP 16419	840003127718238			C			
SRP MOM BJ13104-ET	USA 70608978						
SRP MOM BJ13110-ET	USA 70608984						
SRP PLANET ZO13805-ET	USA 70609679						
SRP PLANET ZO13812-ET	USA 70609686						
SRP PLANET ZO13817-ET	USA 70609691						
SRP RORY BJ14726	USA 71631939						
SRP SHAMROCK ZO13495-ET	USA 70609369			C			
SRP SHOTGLASS ZP15349	USA 72924827						
SRP TIME ZO11924-ET	USA 66758681			C			
SRP TIME ZO11945-ET	USA 66758702			C			
SRP TORNADO G13200-ET	USA 70609074						
SRP TORNADO G13208-ET	USA 70609082						
SRP TORNADO G13212-ET	USA 70609086						
SSI BRNC GOLDSTAR 6116-ET	USA 71129191						
SSI BRNC GOLDSTAR 6122-ET	USA 71129197						
SSI BRNC GOLDSTAR 6136-ET	USA 71129211			C			
SSI BRONCO GOLDSTAR7835-ET	840003008897848			C			
SSI BRONCO SILVER 7411-ET	840003008328809						
SSI CROWN SILKE 7459-ET	840003008328857			C			1
SSI DURA CLASSY 7432-ET	840003008328830		C				3
SSI EMERALD FROUK 7487-ET	840003008328885	C					
SSI EPIC 6491-ET	USA 71129566						
SSI EPIC 6514-ET	USA 72190594						
SSI EPIC 6517-ET	USA 72190597						
SSI EPIC 6527-ET	USA 72190607						
SSI EPIC 6585-ET	USA 72190665						
SSI ERNH ALLI-P 6605-ET	USA 72190685						
SSI GCHIP PLABET 8065-ET	840003009554588			C			
SSI IOTA BREESH 6097-ET	USA 71129172					C	
SSI ISY SIMON 7827-ET	840003008897840						
SSI ISY SIMON 8600-ET	840003011001504						
SSI LARSON BETTY 8058-ET	840003009554581		C				
SSI SNOWMAN 6422-ET	USA 71129497						
SSI SNOWMAN 6480-ET	USA 71129555			C			
SSI SROCK A 6262-ET	USA 71129337						
SSI UNO CACHET 8332-ET	840003011001236						
SSI UNO CALI 8356-ET	840003011001260					C	
SSI WONDER 7435-ET	840003008328833						
SSI WONDER 7436-ET	840003008328834			C			
ST 22101	USA 85VPW7334						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST 24642	USA 71833535						
ST 2590	840003010651337						
ST 25945	840003008463571						
ST 2681	840003010651428			C			
ST 27016	840003012081879						
ST 27085	USA 75235887						
ST 2761	840003010651508						
ST 2765	840003010651512	C	C				1
ST 2769	840003010651516						
ST 2775	840003010651522						
ST 2781	840003010651528						
ST 2805	840003010651552						
ST 2818	840003010651565						
ST 2822	840003010651569						
ST 2829	840003010651576						
ST 2844	840003010651591						
ST 2869	840003010651616						
ST 2904	840003010651651						
ST 3065	USA 75235766						
ST 3123	840003012281964						
ST 3155	USA 75235768						
ST 3654	USA 75235773						
ST 3745	USA 75235777						
ST 3760	USA 75235781						
ST 3764	USA 75235782					C	
ST 3799	USA 75235784	C		C			
ST 3862	USA 75235787						
ST 3868	USA 75235791						
ST 4497	USA 75235796						
ST 4500	USA 75235797						
ST 4577	USA 75235801						
ST 4583	USA 75235803						
ST 4599	USA 75235805						
ST 4603	USA 75235806						
ST 46187	840003010338774		C				
ST 4644	USA 75235809						
ST 4647	USA 75235810						
ST 48589	840003010347181						
ST 54709	840003010353456						
ST 54728	840003010353475						
ST 5579	USA 75235821	C					
ST 58277	840003010362024						
ST 59060	840003010362807						
ST 59516	840003010363263						
ST 59525	840003010363272						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST 59650-TW	840003010363397						
ST 61274	840003010365021						
ST 61294	840003010365041						
ST 61307	840003010365054						
ST 61313	840003010365060						
ST 61533	840003010365280						
ST 61542	840003010365289						
ST 6156	USA 75235835						
ST 6160	USA 75235836						
ST 63377	840003123607166					C	
ST 63378	840003123607167						
ST 63381	840003123607170						
ST 63385	840003123607174						
ST 63388	840003123607177						
ST 63392	840003123607181						
ST 64555	840003123608344						1
ST 64758	840003123608547						3
ST 64763	840003123608552			C			
ST 64768	840003123608557						
ST 64780	840003123608569					C	
ST 64781	840003123608570						
ST 65238	840003123609027						
ST 65266	840003123609055						
ST 65305	840003123609094						
ST 65315	840003123609104						
ST 65316	840003123609105						
ST 67796	840003123611585						3
ST 67803	840003123611592						
ST 67807	840003123611596						
ST 67811	840003123611600						
ST 67813	840003123611602						
ST 67824	840003123611613						
ST 67842	840003123611631						
ST 67850	840003123611639						
ST 67857	840003123611646						
ST 67874	840003123611663						
ST 67877	840003123611666	C		C			
ST 67878	840003123611667						
ST 67894	840003123611683						
ST 67903	840003123611692						
ST 67906	840003123611695						
ST 67907	840003123611696						
ST 67936	840003123611725						
ST 67968	840003123611757						
ST 67969	840003123611758						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST 67970	840003123611759						
ST 67976	840003123611765						
ST 67979	840003123611768						
ST 67989	840003123611778						
ST 68066	840003123611855						
ST 68069	840003123611858		C				
ST 68148	840003123611937						
ST 68209	840003123611998						
ST 68210	840003123611999					C	
ST 70952	840003123614741						
ST 71002	840003123614791						
ST 7174	USA 75235845						
ST 7582	USA 75235853						
ST 7711	USA 75235860						
ST 7765	USA 75235862						
ST 7783	USA 75235866						
ST 7844	USA 75235871						
ST 7859	USA 75235872						
ST 7906	USA 75235875						
ST 7950	USA 75235876						
ST 7953	USA 75235877						
ST 7960	840003013595336						
ST 7997	840003013597710						
ST A L H DUKE 61476	840003010365223						
ST A L H DUKE 61490	840003010365237			C			
ST A-P 67620	840003123611409						
ST ABERLIN 67931	840003123611720						
ST ABRAM 67817	840003123611606						
ST ABSOLUTE 68171	840003123611960						
ST ABSOLUTE 68180	840003123611969						
ST ACE 59653	840003010363400						
ST ACE 59682	840003010363429						
ST ACE 59744	840003010363491						
ST ACE 61302	840003010365049						
ST ACHIEVE 6120	840003013599661						
ST ACTUAL 67952	840003123611741						
ST ADAIR 67640	840003123611429						
ST AL 67374	840003123611163		C				
ST ALANA RUB 54761-ET	840003010353508						
ST ALEXANDER 5637	USA 75235822						1
ST ALEXANDER 67832	840003123611621						
ST ALLSTAR 70939	840003123614728					C	3
ST ALMOND 67291	840003123611080						
ST AMAZE 61334	840003010365081						3
ST AMAZE 61342	840003010365089						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST AMBAR 3863	USA 75235788						
ST ANDY 67901	840003123611690						
ST ANDY 67953	840003123611742						3
ST APPRENTICE 67799	840003123611588						
ST APTITUDE 2808	840003010651555						
ST ARCHER 61482	840003010365229						
ST ARCHER 61483	840003010365230						
ST ARCHER 61485	840003010365232						
ST ARION 67869	840003123611658						
ST ARIZONA 64753	840003123608542						
ST ARIZONA 64762	840003123608551						
ST ARIZONA 64766	840003123608555			C			
ST ARIZONA 64770	840003123608559			C			
ST ARIZONA 64778	840003123608567			C			
ST ARMED 61573	840003010365320						
ST ARMY 61264	840003010365011						
ST ARMY 61272	840003010365019						
ST ARMY 61278	840003010365025						
ST ARMY 67998	840003123611787						
ST ARTHUR 67871	840003123611660	C					
ST ASHLAR 22051	840003009128879						
ST ATLANTIC 23730	840003009171836						
ST ATLANTIC 48037	840003010346629						
ST ATLANTIC 60504	840003010364251						
ST ATLANTIC 60520	840003010364267					C	
ST ATLANTIC 60526	840003010364273						
ST ATLANTIC 60544	840003010364291						
ST ATLANTIC 60569	840003010364316						
ST ATLANTIC 61403	840003010365150						
ST ATLANTIC 61431	840003010365178						
ST ATLANTIC 61437	840003010365184						
ST ATLANTIC 61438	840003010365185						
ST ATLANTIC 61444	840003010365191						
ST ATLANTIC 61452	840003010365199						
ST ATLANTIC 61469	840003010365216						
ST ATLANTIC 61480	840003010365227						
ST AUTHOR 59848	840003010363595						
ST AUTHOR 59871	840003010363618						
ST AUTHOR 59888	840003010363635						
ST AVALON 68193	840003123611982						
ST BALLOT 61341	840003010365088						
ST BALLOTT 59734	840003010363481						
ST BALLOTT 61320	840003010365067						
ST BANFF 63374	840003123607163						
ST BANFF 68169	840003123611958						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST BANFF 68175	840003123611964						
ST BANFF 68179	840003123611968						
ST BEACONATOR 70928	840003123614717						
ST BEN 60215	840003010363962						
ST BENHART 59444	840003010363191						
ST BENHART 59495	840003010363242						
ST BENHART 59565	840003010363312						
ST BENHART 59566	840003010363313						
ST BENHART 59610	840003010363357						
ST BENHART 59627	840003010363374						
ST BENHART 59634	840003010363381						
ST BENHART 59720	840003010363467						
ST BENHART 59745	840003010363492						
ST BENHART 59752	840003010363499						
ST BENHART 59806	840003010363553						
ST BENHART 59817	840003010363564						
ST BENHART 59822	840003010363569						
ST BENHART 59863	840003010363610						
ST BENHART 61359	840003010365106						
ST BENHART 67487	840003123611276						
ST BENHART 70754	840003123614543						
ST BENHART 70767	840003123614556						
ST BENHART 70768	840003123614557						
ST BENHART 70875	840003123614664						
ST BENHART 70896	840003123614685						
ST BIG HOUSE 59441	840003010363188						
ST BIG HOUSE 60200	840003010363947						
ST BIKER 61344	840003010365091						
ST BLADE 23785	840003009479371						
ST BLADE 67777	840003123611566						
ST BLITZ JINTX 67991	840003123611780						
ST BOHEMIA 7758	USA 75235861					C	
ST BOOSTER 26919	USA 72983325						
ST BOOSTER 7529	840003013953891						
ST BOOSTER 7537	840003014028366						
ST BOOSTER 7599	840003013598611						
ST BOOSTER 7992	840003013953114						
ST BOSS 51569	840003010350161						
ST BOULDER 22588	840003009043073						
ST BOULDER 22650	840003009043278						
ST BOYOBOY 67353	840003123611142						
ST BOYOBOY 67727	840003123611516						
ST BOYOBOY 70370	840003123614159						
ST BRADNICK 48043	840003010346635						
ST BRANDON 63383	840003123607172						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST BRANDON 63394	840003123607183						
ST BRANDON 64757	840003123608546						3
ST BRANDON 64761	840003123608550	C					3
ST BRANDON 68211	840003123612000						
ST BRANSON 27043	USA 75235883					C	
ST BRANSON 67848	840003123611637					C	
ST BREAKER 3117	840003013131787						
ST BRENT 2832	840003010651579						
ST BRENT 60297	840003010364044						
ST BRENT 60321	840003010364068						
ST BRENT 60341	840003010364088	C					
ST BRENT 60357	840003010364104	C					
ST BRENT 60392	840003010364139						
ST BREWSKI 5982	840003013639093						
ST BRIAR 63372	840003123607161						
ST BRIAR 63398	840003123607187						
ST BRIAR 64754	840003123608543					C	
ST BRIAR 64760	840003123608549					C	
ST BRIGADOON 61503	840003010365250						
ST BRIGADOON 61517	840003010365264			C			
ST BRISK 3156	840003012281958						
ST BUCKO 60523	840003010364270	C					
ST BUCKO 60558	840003010364305						
ST BUCKO 61430	840003010365177	C					
ST BUCKO 61433	840003010365180						
ST BUCKO 61442	840003010365189						
ST BUCKO 61450	840003010365197						3
ST BUCKO 61453	840003010365200						
ST BUCKO 61457	840003010365204						3
ST BUCKO 61464	840003010365211						
ST BUCKO 61481	840003010365228						
ST BUD 65239	840003123609028						
ST BUDDY 67276	840003123611065						
ST BUENO 5907	840003013712137						
ST BUENO 64772	840003123608561						
ST BUENO 64774	840003123608563			C			
ST BUILDER 2801	840003010651548						
ST BUILDER 65265	840003123609054						
ST BURST 3867	USA 75235790						
ST CABE 61534	840003010365281						
ST CABE 61567	840003010365314						
ST CABE 61584	840003010365331						
ST CABRIOLET 67726	840003123611515						
ST CADET 2436	840003010651183		C				
ST CAIN 70765	840003123614554						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST CALVARY 58469	840003010362216						
ST CALVIN 7587	840003013132479						
ST CARL 59678	840003010363425						
ST CARL 59709	840003010363456						
ST CARL 59711	840003010363458						
ST CATAPULT 70868	840003123614657						
ST CHASE 67822	840003123611611						
ST CHEVROLET 60261	840003010364008						
ST CHEVROLET 60273	840003010364020						
ST CHEVROLET 60284	840003010364031						
ST CHIPPER-P 60182	840003010363929						
ST CIMARRON 5790	USA 75235823						
ST CLARK BR 67613	840003123611402						
ST CLARK BR 68156	840003123611945	C					
ST CLARK BR 68198	840003123611987						
ST CLARK BR 68205	840003123611994						
ST CLAYMAKER 67794	840003123611583						
ST COASTAL 27049	USA 75235884						
ST COASTAL 27081	USA 75235886						
ST COASTAL 3759	USA 75235780						
ST COBRA 67916	840003123611705						
ST COLBY 22295	USA 71831188						
ST COLBY 22373	USA 71831266	C	C				
ST COLBY 22456	USA 71831349		C				
ST COLBY 51311	840003010349903						
ST COLBY 52750	840003010351342		C				
ST COLBY 7927	840003012473239		C				
ST COLDSPRING 22516	USA 71831409						
ST COLDSPRING 61577	840003010365324						
ST COLDSPRING 61583	840003010365330						
ST COLDSPRING 67756	840003123611545						
ST COLSON 7579	USA 75235852						
ST CONSTANTINE 23657	840003009479229						3
ST CONSTANTINE 67983	840003123611772						
ST CONTRAST 68184	840003123611973						3
ST CRIVAL 61999	840003010365746						
ST CRIVAL 67800	840003123611589						
ST CRIVAL 67827	840003123611616						
ST CROSS 59721	840003010363468						
ST CROSS 61288	840003010365035						
ST CROWN 67771	840003123611560						
ST DALE 2803	840003010651550						
ST DALE 2982	840003010651729						
ST DALE 2991	840003010651738						
ST DALE 61257	840003010365004			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST DALE 61260	840003010365007						
ST DALE 61265	840003010365012						
ST DAMARIS 32624-ET	840003126776629						
ST DAMARIS 32629-ET	840003126776634						
ST DANDY 7265	USA 75235846						
ST DANGER 60540	840003010364287						3
ST DANTE 67780	840003123611569						
ST DAY 67943	840003123611732						
ST DAZZLE 3771	USA 75235783						
ST DEARING 60535	840003010364282						
ST DEARING 70850	840003123614639						
ST DECEIVER 67459	840003123611248						
ST DECEIVER 70752	840003123614541						
ST DECEIVER 70757	840003123614546			C			
ST DECEIVER 70763	840003123614552						
ST DECEIVER 70766	840003123614555						
ST DECEIVER 70769	840003123614558						
ST DECEIVER 70771	840003123614560						
ST DECEIVER 70772	840003123614561						
ST DECEIVER 70778	840003123614567						
ST DECEIVER 70780	840003123614569						
ST DECEIVER 70793	840003123614582						
ST DECEIVER 70886	840003123614675						
ST DECEIVER 70946	840003123614735						
ST DECODER 64759	840003123608548						
ST DECODER 64779	840003123608568						
ST DECODER 68045	840003123611834						
ST DECODER 70306	840003123614095						
ST DELON 67876	840003123611665						
ST DELOREAN 70943	840003123614732						
ST DELOREAN 71018	840003123614807						
ST DELRAY 67955	840003123611744						
ST DELTA 60847	840003010364594						
ST DELTA 61424	840003010365171						
ST DELUXE 6095	840003013640548	C	C				
ST DEMETER 5956	USA 75235826						
ST DENBY 59823	840003010363570						
ST DENBY 60188	840003010363935						
ST DENBY 60237	840003010363984						
ST DENETHOR 67828	840003123611617						
ST DENIM 61258	840003010365005						
ST DENIM 67724	840003123611513						
ST DESIGN 1428 60683	840003010364430						
ST DESIGN 1428 60729	840003010364476						
ST DESIGN 1428 60736	840003010364483						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST DESIGN 1428 67301	840003123611090						
ST DESIGN 1428 67307	840003123611096						
ST DEWEY 67751	840003123611540						
ST DIAMOND 2745	840003010651492						
ST DIAMOND 2852	840003010651599						
ST DIAMOND 59539	840003010363286						
ST DIAMOND 59559	840003010363306	C					
ST DIAMOND 59659	840003010363406						
ST DOBERMAN 60301	840003010364048						
ST DOBERMAN 68176	840003123611965						
ST DODGE 67253	840003123611042						3
ST DODGE 67366	840003123611155						3
ST DOMINATE 7825	USA 75235868						
ST DONAIRO 3746	USA 75235778			C			
ST DREW 61496	840003010365243						
ST DREW 65314	840003123609103						
ST DUNDEE 67928	840003123611717						
ST DUNHAM 27709	840003012281943						
ST DURABLE 31244	840003009828567		C				3
ST DURABLE 51275	840003010349867						3
ST DURABLE 59456	840003010363203		C				3
ST DURABLE 67736	840003123611525		C				3
ST DURABLE 68147	840003123611936		C				3
ST DURABLE 7586	840003013132591		C				3
ST DURABLE 7917	840003013132544						3
ST DURANGO 60076	840003010363823						
ST DURANGO 60170-TW	840003010363917						
ST DURANGO 60221	840003010363968						
ST DURANGO 60224	840003010363971						
ST DUSK 67651	840003123611440						
ST DUSTIN 60183	840003010363930						
ST DUSTON 60282	840003010364029						
ST DYLAN 59630	840003010363377						
ST DYLAN 59766	840003010363513						
ST DYLAN 61350	840003010365097						
ST DYLAN 70808	840003123614597						
ST DYMON 60143	840003010363890						
ST DYMON 67294	840003123611083						
ST DYMON 67748	840003123611537						
ST ECLIPSE 59837	840003010363584						3
ST EDEN 67975	840003123611764	C					
ST EDG MICA TROY 32133-ET	840003126776138						
ST ELDO 59663	840003010363410			C			
ST ELDO 59677	840003010363424			C			
ST ELLIOT 67776	840003123611565						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST EMBLEM 59684	840003010363431						
ST EMBLEM 59691	840003010363438						
ST EMBLEM 59704	840003010363451						
ST EMBLEM 59706	840003010363453						
ST EMBLEM 59726	840003010363473						
ST EMBLEM 59784	840003010363531						
ST EMBLEM 61354	840003010365101						
ST EMBLEM 61356	840003010365103		C				
ST EMPIRE 65235	840003123609024						3
ST ERSKINE 68178	840003123611967	C					
ST ERSKINE 68204	840003123611993						
ST ETHAN 64431	840003123608220						
ST EZRA 60159-TW	840003010363906			C			
ST EZRA 60275	840003010364022						
ST EZRA 60413	840003010364160			C			
ST EZRA 60430	840003010364177						
ST EZRA 60458	840003010364205			C			
ST EZRA 60557	840003010364304			C			3
ST EZRA 60757	840003010364504						
ST FABIO 59688	840003010363435						
ST FABIO 61309	840003010365056	C					
ST FABIO 61322	840003010365069	C					
ST FABIO 61338	840003010365085						
ST FAIRWAY 64771	840003123608560						
ST FINCH 61582	840003010365329						
ST FLAWLESS 59628	840003010363375						
ST FLAWLESS 60451	840003010364198						
ST FLAWLESS 60484	840003010364231						
ST FLAWLESS 60493	840003010364240						3
ST FLAWLESS 6074	840003013500970						
ST FLAWLESS 61333	840003010365080						
ST FLAWLESS 61336	840003010365083						
ST FLAWLESS 61337	840003010365084						
ST FLAWLESS 61339	840003010365086						
ST FLAWLESS 61340	840003010365087						
ST FLAWLESS 61419	840003010365166						
ST FLAWLESS 61425	840003010365172						
ST FLAWLESS 61440	840003010365187						3
ST FLAWLESS 61441	840003010365188						
ST FLAWLESS 68071	840003123611860						
ST FLAWLESS 68159	840003123611948						
ST FLOYD 67744	840003123611533						
ST FLYN 65326	840003123609115						
ST FOCUS 60336	840003010364083						
ST FREEMAN 67839	840003123611628						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST FROSTY 67754	840003123611543						
ST G W ATWOOD 67978	840003123611767						
ST G W ATWOOD 68183	840003123611972						
ST GABOR 51589	840003010350181						
ST GABOR 67321	840003123611110						
ST GAFFNEY 7902	USA 75235874	C					
ST GALAXY 61447	840003010365194						
ST GALAXY 61459	840003010365206						
ST GALAXY 61475	840003010365222						
ST GALAXY 68170	840003123611959						
ST GAMEDAY 67812	840003123611601	C				C	
ST GEN 65337	840003123609126						
ST GEN 70273	840003123614062						
ST GEN 71045	840003123614834						
ST GEN 71181-RED	840003123614970						
ST GEN 71193	840003123614982						
ST GEN 71233	840003123615022						
ST GEN 73290	840003132198318		C				
ST GEN 73394	840003132198422						
ST GEN 73420	840003132198448						3
ST GEN 74872-ET	840003132348706						
ST GEN 74873-ET	840003132348707						
ST GEN 74875-ET	840003132348709						
ST GEN 74882-ET	840003132348716						
ST GEN 74894-ET	840003132348728						
ST GEN 74905-ET	840003132348739		C				
ST GEN 76001-ET	840003132349835						
ST GEN 76002-ET	840003132349836						
ST GEN 76010-ET	840003132349844						
ST GEN 76014-ET	840003132349848						
ST GEN 76020-ET	840003132349854						
ST GEN 76026	840003132349860						
ST GEN 76033-ET	840003132349867						
ST GEN 76036-ET	840003132349870						
ST GEN 76037	840003132349871						
ST GEN 76049-ET	840003132349883		C				
ST GEN 76050-ET	840003132349884						
ST GEN 76056-ET	840003132349890						
ST GEN 76060-ET	840003132349894						
ST GEN 76061-ET	840003132349895						
ST GEN 76065	840003132349899						
ST GEN 76068-TW	840003132349902						
ST GEN 76069-TW	840003132349903						
ST GEN 76070-ET	840003132349904						
ST GEN 76073-ET	840003132349907			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN 76076-ET	840003132349910						
ST GEN ALEXANDER 48615	840003010347207						
ST GEN ALLTHAT 67795	840003123611584						
ST GEN ALMOND 74717	840003132348551					C	3
ST GEN APEX 67793	840003123611582						
ST GEN ARCHRIVAL 61024-ET	840003010364771						
ST GEN ARCHRIVAL 61025-ET	840003010364772						
ST GEN ARCHRIVAL 61250	840003010364997						
ST GEN ASHBURN 73426	840003132198454						
ST GEN AWESOME 74651-ET	840003132348485						
ST GEN BEACONATOR 73353	840003132198381						
ST GEN BENHART 71114	840003123614903						
ST GEN BIGSTAR 61196-RED	840003010364943						1
ST GEN BLITZ JINTX 71060	840003123614849						
ST GEN BLITZ JINTX 71171	840003123614960						
ST GEN BRIGADOON 62009	840003010365756						
ST GEN BUCKLE 73214	840003132198242						
ST GEN BUCKLE 74643	840003132348477						
ST GEN BUCKLE 74646	840003132348480						
ST GEN BUCKLE 74678	840003132348512						
ST GEN CABRIOLET 73399	840003132198427						
ST GEN CABRIOLET 73435	840003132198463						3
ST GEN CHARLIE 67880	840003123611669						
ST GEN CHIPPER 73332	840003132198360						
ST GEN CYPRUS 32420-ET	840003126776425						
ST GEN CYPRUS 73174-ET	840003132198202						
ST GEN CYPRUS 73184	840003132198212						
ST GEN CYPRUS 73239-ET	840003132198267						
ST GEN CYPRUS 73240-ET	840003132198268						
ST GEN CYPRUS 73499	840003132198527						
ST GEN CYPRUS 74523-ET	840003132348357						
ST GEN CYPRUS 74647-ET	840003132348481						1
ST GEN CYPRUS 74648-ET	840003132348482						
ST GEN CYPRUS 74667-ET	840003132348501						
ST GEN CYPRUS 74698-ET	840003132348532						
ST GEN CYPRUS 74722-ET	840003132348556						
ST GEN CYPRUS 74828-ET	840003132348662						
ST GEN CYPRUS 74849-ET	840003132348683						
ST GEN DAKKER 71189	840003123614978					C	
ST GEN DAKKER 71190	840003123614979						1
ST GEN DAKKER 71197-RED	840003123614986						4
ST GEN DANGER 73425	840003132198453			C			
ST GEN DANTE 61151	840003010364898						
ST GEN DANTE 61241	840003010364988					C	
ST GEN DANTE 74520-ET	840003132348354						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN DANTE 74543-ET	840003132348377						
ST GEN DANTE 74690-ET	840003132348524						
ST GEN DEARING 71141-ET	840003123614930						
ST GEN DEARING 71176-ET	840003123614965						
ST GEN DEARING 73272-ET	840003132198300						
ST GEN DEARING 73291-ET	840003132198319						
ST GEN DEARING 73507	840003132198535						
ST GEN DEARING 74741	840003132348575			C			
ST GEN DELCO 73209-ET	840003132198237		C				
ST GEN DELCO 73211-ET	840003132198239						
ST GEN DELCO 73502	840003132198530						
ST GEN DELCO 74525-ET	840003132348359						
ST GEN DELCO 74598	840003132348432						
ST GEN DELOREAN 73161	840003132198189						
ST GEN DELOREAN 73163	840003132198191						
ST GEN DELOREAN 73491	840003132198519			C			
ST GEN DELOREAN 74590	840003132348424						
ST GEN DELTA 60954	840003010364701						
ST GEN DELTA 60994	840003010364741						
ST GEN DELTA 61090	840003010364837						
ST GEN DELTA 70980-ET	840003123614769			C			
ST GEN DELTA 70985-ET	840003123614774			C			
ST GEN DELTA 70993-ET	840003123614782			C			
ST GEN DELTA 71066-ET	840003123614855						
ST GEN DELTA 71158-ET	840003123614947						
ST GEN DELTA 71173-ET	840003123614962						
ST GEN DELTA 71182-ET	840003123614971						
ST GEN DELTA 73246-ET	840003132198274						
ST GEN DELTA 73249-ET	840003132198277						
ST GEN DELTA 73514	840003132198542					C	
ST GEN DELTA 73523	840003132198551						
ST GEN DELTA 73524	840003132198552						
ST GEN DELTA 74588-ET	840003132348422						
ST GEN DELTA 74655-ET	840003132348489						
ST GEN DELTA 74665-ET	840003132348499						
ST GEN DENVER 1426 60964	840003010364711						
ST GEN DENVER 1426 70880-ET	840003123614669						
ST GEN DENVER 1426 74595	840003132348429						
ST GEN DESIGN 1428 74869	840003132348703						
ST GEN DION 73409	840003132198437						
ST GEN DION 73427	840003132198455			C			
ST GEN DION 73518	840003132198546						
ST GEN DION 74568	840003132348402						
ST GEN DIRECTOR 61108-ET	840003010364855						
ST GEN DIRECTOR 73424	840003132198452						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN DIRECTOR 73513	840003132198541						
ST GEN DIRECTOR 74505-ET	840003132348339						
ST GEN DIRECTOR 74510-ET	840003132348344						
ST GEN DIRECTOR 74522-ET	840003132348356						
ST GEN DIRECTOR 74531-ET	840003132348365						
ST GEN DIRECTOR 74847-ET	840003132348681						
ST GEN DIRECTOR 74855-ET	840003132348689						
ST GEN DISCOUNT-P 73453	840003132198481					C	
ST GEN DOC 71044	840003123614833						1
ST GEN DOC 71100-ET	840003123614889			C			
ST GEN DOC 71133-ET	840003123614922						1
ST GEN DOC 73302	840003132198330			C			
ST GEN DOC 73494	840003132198522						
ST GEN DOC 74615	840003132348449			C			
ST GEN DOC 74641	840003132348475						
ST GEN DOZER 1491 60975-ET	840003010364722						
ST GEN DOZER 1491 60982-ET	840003010364729						
ST GEN DOZER 1491 70981-ET	840003123614770						
ST GEN DOZER 1491 71011-ET	840003123614800						
ST GEN DOZER 1491 71132-ET	840003123614921						
ST GEN DOZER 1491 71178-ET	840003123614967						
ST GEN DOZER 1491 74601-ET	840003132348435						
ST GEN DOZER 60988-ET	840003010364735						
ST GEN DOZER 61020-ET	840003010364767			C			
ST GEN DOZER 61021-ET	840003010364768						
ST GEN DOZER 61029-ET	840003010364776					C	
ST GEN DOZER 61076	840003010364823						
ST GEN DOZER 61138	840003010364885						
ST GEN DOZER 61142-ET	840003010364889						
ST GEN DOZER 61228	840003010364975						
ST GEN DOZER 73254-ET	840003132198282						
ST GEN DOZER 73402	840003132198430						
ST GEN DOZER 73413-ET	840003132198441						1
ST GEN DOZER 74549-ET	840003132348383						
ST GEN DRACO 15006 61001	840003010364748						1
ST GEN DRACO 15006 71226-ET	840003123615015						1
ST GEN DRACO 15006 73179	840003132198207						
ST GEN DRACO 15006 73212-ET	840003132198240						
ST GEN DRACO 15006 73225-ET	840003132198253						
ST GEN DRACO 15006 73412	840003132198440						1
ST GEN DRACO 15006 73417	840003132198445						
ST GEN DRACO 15006 73506	840003132198534						1
ST GEN DRACO 15006 73517	840003132198545						1
ST GEN DRACO 15006 74607-ET	840003132348441		C				
ST GEN DRACO 15006 74610-ET	840003132348444						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN DRACO 15006 74631	840003132348465						
ST GEN DUSTIN 71000	840003123614789						
ST GEN DUSTIN 73242	840003132198270		C				
ST GEN ELLBRO 61554	840003010365301						
ST GEN EMERALD 74535	840003132348369						
ST GEN ERASER P 73183	840003132198211						
ST GEN EZRA 73498	840003132198526			C			
ST GEN EZRA 74896	840003132348730			C			1
ST GEN FACEBOOK 60950-ET	840003010364697						
ST GEN FANG 73408	840003132198436						
ST GEN FANG 73419	840003132198447						
ST GEN FLAMER 61091	840003010364838					C	3
ST GEN FLAMER 71151-ET	840003123614940						
ST GEN FLAMER 74727	840003132348561					C	
ST GEN FLAMER 74874	840003132348708						
ST GEN FORTUNE 64455	840003123608244		C				
ST GEN FROSTY 67963	840003123611752						
ST GEN GABOR 64464	840003123608253						
ST GEN GARDETTO 67971	840003123611760			C		C	
ST GEN GRANPA 61845	840003010365592						
ST GEN GRILL 61518	840003010365265						
ST GEN INDY 73403	840003132198431						
ST GEN INTREPID 61813	840003010365560						
ST GEN IRONBACK 73405	840003132198433						
ST GEN IRONBACK 73436	840003132198464						
ST GEN IRONBACK 73439	840003132198467						
ST GEN IRONBACK 73440	840003132198468						
ST GEN JAYCE 74653-ET	840003132348487						
ST GEN JIGSAW 73460	840003132198488				C		
ST GEN JITTERBUG 68001	840003123611790			C			
ST GEN JOCK 64348	840003123608137						
ST GEN JOSUPER 73271-ET	840003132198299						
ST GEN JOSUPER 73275-ET	840003132198303						
ST GEN JUNO 61245	840003010364992						
ST GEN JUNO 71137-ET	840003123614926						
ST GEN JUNO 71204-ET	840003123614993						
ST GEN JUNO 74744	840003132348578						
ST GEN JUSTINCASE 71238-TW	840003123615027						
ST GEN JUSTINCASE 71239-TW	840003123615028						
ST GEN JUSTINCASE 73390	840003132198418						
ST GEN LANCOME 71217	840003123615006						
ST GEN LARIAT 67949	840003123611738						
ST GEN LINK-UP 74618-ET	840003132348452						
ST GEN LOLO 74562	840003132348396						
ST GEN LOLO 74663	840003132348497						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN LOYDIE 67747	840003123611536			C			
ST GEN LUCENT 71199-ET	840003123614988						
ST GEN LUCENT 73446	840003132198474			C			
ST GEN LUCENT 74889	840003132348723						
ST GEN MADOR 74904	840003132348738	C					
ST GEN MCGYVER 73485	840003132198513					C	
ST GEN MEGASIRE 60953-ET	840003010364700						
ST GEN MEGASIRE 61085-ET	840003010364832						1
ST GEN MEGASIRE 61106-ET	840003010364853						1
ST GEN MEGASIRE 71201	840003123614990						
ST GEN MEGASIRE 73418-ET	840003132198446						
ST GEN MEGASIRE 73504	840003132198532						
ST GEN MEGASIRE 74561	840003132348395						
ST GEN MEGASIRE 74709	840003132348543						
ST GEN MICKEY 71039	840003123614828		C				
ST GEN MICKEY 71048	840003123614837						
ST GEN MICKEY 71205	840003123614994						3
ST GEN MICKEY 71230	840003123615019	C					
ST GEN MICKEY 73326	840003132198354			C			
ST GEN MICKEY 73369	840003132198397						
ST GEN MICKEY 73382	840003132198410						
ST GEN MICKEY 73416	840003132198444						
ST GEN MICKEY 73423	840003132198451						
ST GEN MOREGOLD 73393	840003132198421						
ST GEN MOWRY 62027	840003010365774						
ST GEN OLYMPAN 61041-RED-ET	840003010364788						1
ST GEN OLYMPAN 61051-RED-ET	840003010364798						
ST GEN OMAR 61506	840003010365253	C					
ST GEN PALERMO 67802	840003123611591						
ST GEN PASCALE 71081	840003123614870						
ST GEN PAVETHEWAY 74688	840003132348522						
ST GEN PENNYMAKER 61818	840003010365565	C		C			
ST GEN PETERSBURG 73241	840003132198269						
ST GEN POWERBALL-P 71147-ET	840003123614936						
ST GEN POWERBALL-P 71157-ET	840003123614946						
ST GEN POWERBALL-P 71179-ET	840003123614968						
ST GEN PUZZLE 73381	840003132198409						
ST GEN PUZZLE 73480	840003132198508						
ST GEN ROWDY 73188-ET	840003132198216						
ST GEN ROWDY 74583-ET	840003132348417						
ST GEN ROWDY 74732-ET	840003132348566						
ST GEN ROWDY 74740-ET	840003132348574						
ST GEN ROWDY 74750-ET	840003132348584						
ST GEN ROWDY 74822-ET	840003132348656						
ST GEN ROWDY 74832-ET	840003132348666						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN RUBICON 60956	840003010364703						
ST GEN RUBICON 61009-ET	840003010364756						
ST GEN RUBICON 61031-ET	840003010364778						
ST GEN RUBICON 61081-ET	840003010364828						
ST GEN RUBICON 61083-ET	840003010364830						
ST GEN RUBICON 61088-ET	840003010364835						
ST GEN RUBICON 61141-ET	840003010364888					C	
ST GEN RUBICON 61179-ET	840003010364926						
ST GEN RUBICON 61185-ET	840003010364932						
ST GEN RUBICON 61201-ET	840003010364948			C			
ST GEN RUBICON 61204-ET	840003010364951						
ST GEN RUBICON 73368	840003132198396						
ST GEN RUBICON 73466-ET	840003132198494						
ST GEN RUBICON 73521	840003132198549						1
ST GEN RUBICON 74526-ET	840003132348360					C	
ST GEN RUBICON 74539-ET	840003132348373						
ST GEN RUBICON 74566-ET	840003132348400						
ST GEN RUBICON 74682-ET	840003132348516						
ST GEN RUGER 61192	840003010364939						
ST GEN RUGER 73193-ET	840003132198221						
ST GEN RUGER 74548-ET	840003132348382						
ST GEN RUGER 74608-ET	840003132348442						
ST GEN RUGER 74616-ET	840003132348450						
ST GEN SENDER 8136 61208	840003010364955					C	
ST GEN SENDER 8136 71245-ET	840003123615034						
ST GEN SENDER 8136 73227-ET	840003132198255					C	
ST GEN SENDER 8136 73396-ET	840003132198424					C	
ST GEN SENDER 8136 74508-ET	840003132348342						
ST GEN SENDER 8136 74696-ET	840003132348530						
ST GEN SENDER 8136 74880	840003132348714						
ST GEN SPRING 74623-ET	840003132348457						
ST GEN SUBDUE 61516	840003010365263						
ST GEN SUPER 74637	840003132348471						
ST GEN SUPERSHOT 74570-ET	840003132348404						
ST GEN TIME 61523	840003010365270						
ST GEN TONY 67788	840003123611577				C		
ST GEN TROY 71085	840003123614874						
ST GEN TROY 71115	840003123614904						
ST GEN TROY 71175	840003123614964						
ST GEN TROY 73280	840003132198308						
ST GEN WARRIOR 73366	840003132198394						
ST GEN WARRIOR 73379	840003132198407						
ST GEN WARRIOR 73384	840003132198412						
ST GEN WYZER 67935	840003123611724						
ST GEN YAHTZEE 68044	840003123611833						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GEN YODER 73177	840003132198205						
ST GEN YODER 73414	840003132198442						
ST GENEVA 4468	USA 75235794						
ST GENOMIC PRO 55537-ET	840003010354284						
ST GENOMICPRO 10006-ET	840003012662538						
ST GENOMICPRO 10011-ET	840003012662543						
ST GENOMICPRO 10012-ET	840003012662544						
ST GENOMICPRO 10013-ET	840003012662545						
ST GENOMICPRO 10015-ET	840003012662547						
ST GENOMICPRO 10016-ET	840003012662548						
ST GENOMICPRO 10019-ET	840003012662551						
ST GENOMICPRO 10020-ET	840003012662552						
ST GENOMICPRO 10022-ET	840003012662554						
ST GENOMICPRO 10030	840003012662562						
ST GENOMICPRO 10032-ET	840003012662564						
ST GENOMICPRO 10034	840003012662566						
ST GENOMICPRO 10039	840003012662571						
ST GENOMICPRO 10045-ET	840003012662577						
ST GENOMICPRO 10049-ET	840003012662581						
ST GENOMICPRO 10051	840003012662583		C				
ST GENOMICPRO 10052-ET	840003012662584						
ST GENOMICPRO 10054-ET	840003012662586						
ST GENOMICPRO 10055-ET	840003012662587						
ST GENOMICPRO 10060-ET	840003012662592			C			
ST GENOMICPRO 10064	840003012662596		C				3
ST GENOMICPRO 10076-ET	840003012662608					C	
ST GENOMICPRO 10080-ET	840003012662612						
ST GENOMICPRO 10083	840003012662615						1
ST GENOMICPRO 10084-ET	840003012662616						
ST GENOMICPRO 10092-ET	840003012662624						
ST GENOMICPRO 10093-ET	840003012662625						
ST GENOMICPRO 10096-ET	840003012662628						
ST GENOMICPRO 10103-ET	840003012662635						
ST GENOMICPRO 10107-ET	840003012662639						
ST GENOMICPRO 10115-ET	840003012662647			C			
ST GENOMICPRO 10122-ET	840003012662654			C			
ST GENOMICPRO 10127-ET	840003012662659						
ST GENOMICPRO 10129-ET	840003012662661					C	
ST GENOMICPRO 10131-ET	840003012662663						
ST GENOMICPRO 10135-ET	840003012662667			C			
ST GENOMICPRO 10136-ET	840003012662668						
ST GENOMICPRO 10137-ET	840003012662669						
ST GENOMICPRO 10138-ET	840003012662670					C	
ST GENOMICPRO 10140-ET	840003012662672						
ST GENOMICPRO 10143-ET	840003012662675					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 10145	840003012662677						
ST GENOMICPRO 10149-ET	840003012662681						
ST GENOMICPRO 10151-ET	840003012662683						
ST GENOMICPRO 10159-ET	840003012662691						3
ST GENOMICPRO 10160-ET	840003012662692						
ST GENOMICPRO 10167-ET	840003012662699		C				
ST GENOMICPRO 10168-ET	840003012662700		C				
ST GENOMICPRO 10169-ET	840003012662701						
ST GENOMICPRO 10171-ET	840003012662703			C			
ST GENOMICPRO 10172-ET	840003012662704						
ST GENOMICPRO 10173-ET	840003012662705			C			
ST GENOMICPRO 10175-RED-ET	840003012662707						1
ST GENOMICPRO 10180-ET	840003012662712			C			
ST GENOMICPRO 10187-ET	840003012662719						
ST GENOMICPRO 10190-ET	840003012662722			C			
ST GENOMICPRO 10194-TW-ET	840003012662726						
ST GENOMICPRO 10202-ET	840003012662734						
ST GENOMICPRO 10204-ET	840003012662736						
ST GENOMICPRO 10205-ET	840003012662737						
ST GENOMICPRO 10211-ET	840003012662743						
ST GENOMICPRO 10212-ET	840003012662744						
ST GENOMICPRO 10215-ET	840003012662747						
ST GENOMICPRO 10216-ET	840003012662748						
ST GENOMICPRO 10218-ET	840003012662750		C				
ST GENOMICPRO 10221-ET	840003012662753			C			
ST GENOMICPRO 10222-ET	840003012662754						
ST GENOMICPRO 10223-ET	840003012662755						
ST GENOMICPRO 10227-ET	840003012662759					C	
ST GENOMICPRO 10235-ET	840003012662767						
ST GENOMICPRO 10241-ET	840003012662773		C				
ST GENOMICPRO 10247-ET	840003012662779						
ST GENOMICPRO 10248-ET	840003012662780						
ST GENOMICPRO 10252-ET	840003012662784						
ST GENOMICPRO 10254-ET	840003012662786						
ST GENOMICPRO 10264-ET	840003012662796					C	
ST GENOMICPRO 10267-ET	840003012662799						
ST GENOMICPRO 10274-ET	840003012662806						
ST GENOMICPRO 10275-ET	840003012662807						
ST GENOMICPRO 10276-ET	840003012662808						
ST GENOMICPRO 10282-ET	840003012662814						
ST GENOMICPRO 10283-ET	840003012662815						
ST GENOMICPRO 10284-ET	840003012662816						
ST GENOMICPRO 10288-ET	840003012662820						
ST GENOMICPRO 10291-ET	840003012662823						
ST GENOMICPRO 10293-ET	840003012662825						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 10296-ET	840003012662828						
ST GENOMICPRO 10301-ET	840003012662833						
ST GENOMICPRO 10303-ET	840003012662835						
ST GENOMICPRO 10306-ET	840003012662838						
ST GENOMICPRO 10312-ET	840003012662844						
ST GENOMICPRO 10315-ET	840003012662847						
ST GENOMICPRO 10320-ET	840003012662852						
ST GENOMICPRO 10322-ET	840003012662854					C	
ST GENOMICPRO 10327-ET	840003012662859						
ST GENOMICPRO 10341-ET	840003012662873						
ST GENOMICPRO 10342-ET	840003012662874						
ST GENOMICPRO 10353-ET	840003012662885						
ST GENOMICPRO 10355-ET	840003012662887						1
ST GENOMICPRO 10361-ET	840003012662893						
ST GENOMICPRO 10365-ET	840003012662897						
ST GENOMICPRO 10368-ET	840003012662900			C			
ST GENOMICPRO 10371-ET	840003012662903						
ST GENOMICPRO 10376-ET	840003012662908						
ST GENOMICPRO 10379-ET	840003012662911						
ST GENOMICPRO 10391-ET	840003012662923						
ST GENOMICPRO 10396-ET	840003012662928						
ST GENOMICPRO 10397-ET	840003012662929						
ST GENOMICPRO 10402-ET	840003012662934						
ST GENOMICPRO 10404-ET	840003012662936						
ST GENOMICPRO 10407-ET	840003012662939					C	
ST GENOMICPRO 1708-ET	840003010650455						
ST GENOMICPRO 2984	840003010651731						
ST GENOMICPRO 30437	840003126774442						
ST GENOMICPRO 30526-ET	840003126774531						
ST GENOMICPRO 30538-ET	840003126774543						
ST GENOMICPRO 31075-ET	840003126775080						
ST GENOMICPRO 31098-ET	840003126775103						
ST GENOMICPRO 31143-ET	840003126775148						
ST GENOMICPRO 31229-ET	840003126775234						
ST GENOMICPRO 31244-ET	840003126775249						
ST GENOMICPRO 31330-ET	840003126775335						
ST GENOMICPRO 31478-ET	840003126775483					C	
ST GENOMICPRO 31496-ET	840003126775501						1
ST GENOMICPRO 31516-ET	840003126775521					C	
ST GENOMICPRO 31619-ET	840003126775624						
ST GENOMICPRO 54251-ET	840003010352998						1
ST GENOMICPRO 54261-ET	840003010353008						
ST GENOMICPRO 54269-ET	840003010353016						
ST GENOMICPRO 54340-ET	840003010353087						
ST GENOMICPRO 54475-ET	840003010353222						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 54630-ET	840003010353377						
ST GENOMICPRO 54829-ET	840003010353576						
ST GENOMICPRO 54835-ET	840003010353582						
ST GENOMICPRO 55476-ET	840003010354223					C	
ST GENOMICPRO 55477-ET	840003010354224						
ST GENOMICPRO 55497-ET	840003010354244						
ST GENOMICPRO 55516-ET	840003010354263						
ST GENOMICPRO 55519-ET	840003010354266						
ST GENOMICPRO 55552-ET	840003010354299						
ST GENOMICPRO 55559-ET	840003010354306						
ST GENOMICPRO 55561-ET	840003010354308						
ST GENOMICPRO 55562-ET	840003010354309						
ST GENOMICPRO 55563-ET	840003010354310						
ST GENOMICPRO 55564-ET	840003010354311						
ST GENOMICPRO 55567-ET	840003010354314						
ST GENOMICPRO 55568-ET	840003010354315					C	
ST GENOMICPRO 55573-ET	840003010354320			C		C	
ST GENOMICPRO 55575-ET	840003010354322						
ST GENOMICPRO 55585-ET	840003010354332						
ST GENOMICPRO 55590-ET	840003010354337						
ST GENOMICPRO 55592-ET	840003010354339						
ST GENOMICPRO 55593-ET	840003010354340						
ST GENOMICPRO 55594-ET	840003010354341			C			
ST GENOMICPRO 55600-ET	840003010354347						
ST GENOMICPRO 55601-ET	840003010354348						
ST GENOMICPRO 55608-ET	840003010354355						
ST GENOMICPRO 55610-ET	840003010354357						
ST GENOMICPRO 55623-ET	840003010354370						
ST GENOMICPRO 55638-ET	840003010354385		C				
ST GENOMICPRO 55657-ET	840003010354404						
ST GENOMICPRO 55661-ET	840003010354408						
ST GENOMICPRO 55666-ET	840003010354413						
ST GENOMICPRO 55669-RED-ET	840003010354416						
ST GENOMICPRO 55672-RED-ET	840003010354419						
ST GENOMICPRO 55675-RED-ET	840003010354422						
ST GENOMICPRO 57916-ET	840003010356663						
ST GENOMICPRO 57919-ET	840003010356666						
ST GENOMICPRO 57924-ET	840003010356671						
ST GENOMICPRO 59418-ET	840003010363165						
ST GENOMICPRO 59419	840003010363166						
ST GENOMICPRO 59420	840003010363167					C	
ST GENOMICPRO 59421-ET	840003010363168						
ST GENOMICPRO 59430	840003010363177						1
ST GENOMICPRO 59445	840003010363192			C			
ST GENOMICPRO 59449-ET	840003010363196						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 59453-ET	840003010363200						
ST GENOMICPRO 59467-ET	840003010363214						
ST GENOMICPRO 59472-ET	840003010363219						
ST GENOMICPRO 59474	840003010363221						
ST GENOMICPRO 59476	840003010363223						
ST GENOMICPRO 59481-ET	840003010363228						
ST GENOMICPRO 59489-ET	840003010363236						
ST GENOMICPRO 59505-ET	840003010363252						
ST GENOMICPRO 59531	840003010363278			C			
ST GENOMICPRO 59543-ET	840003010363290						
ST GENOMICPRO 59560-TW-ET	840003010363307						1
ST GENOMICPRO 59561-TW-ET	840003010363308						
ST GENOMICPRO 59564	840003010363311						1
ST GENOMICPRO 59567-ET	840003010363314						
ST GENOMICPRO 59568-ET	840003010363315						1
ST GENOMICPRO 59571-ET	840003010363318						
ST GENOMICPRO 59587-ET	840003010363334						
ST GENOMICPRO 59590-ET	840003010363337						
ST GENOMICPRO 59591-ET	840003010363338		C				
ST GENOMICPRO 59596-ET	840003010363343						
ST GENOMICPRO 59602-ET	840003010363349						
ST GENOMICPRO 59604	840003010363351						
ST GENOMICPRO 59606-ET	840003010363353						
ST GENOMICPRO 59614	840003010363361						
ST GENOMICPRO 59635-ET	840003010363382						
ST GENOMICPRO 59637	840003010363384						
ST GENOMICPRO 59642-ET	840003010363389						1
ST GENOMICPRO 59679	840003010363426						
ST GENOMICPRO 59694-ET	840003010363441						1
ST GENOMICPRO 59702-ET	840003010363449						1
ST GENOMICPRO 59705-ET	840003010363452			C			
ST GENOMICPRO 59707-ET	840003010363454			C			
ST GENOMICPRO 59708	840003010363455		C				
ST GENOMICPRO 59710-ET	840003010363457						
ST GENOMICPRO 59714-ET	840003010363461						
ST GENOMICPRO 59715-ET	840003010363462						
ST GENOMICPRO 59723	840003010363470						
ST GENOMICPRO 59729-ET	840003010363476						
ST GENOMICPRO 59730-ET	840003010363477			C			
ST GENOMICPRO 59731-ET	840003010363478						
ST GENOMICPRO 59737-ET	840003010363484						
ST GENOMICPRO 59739-ET	840003010363486						
ST GENOMICPRO 59742	840003010363489						
ST GENOMICPRO 59751	840003010363498						
ST GENOMICPRO 59786-RED	840003010363533						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 59788-ET	840003010363535						
ST GENOMICPRO 59798-ET	840003010363545						
ST GENOMICPRO 59812	840003010363559						
ST GENOMICPRO 59814	840003010363561		C				
ST GENOMICPRO 59825	840003010363572						
ST GENOMICPRO 59830	840003010363577						
ST GENOMICPRO 59833	840003010363580						
ST GENOMICPRO 59836	840003010363583						
ST GENOMICPRO 59838	840003010363585					C	
ST GENOMICPRO 59839-ET	840003010363586						
ST GENOMICPRO 59840-ET	840003010363587						
ST GENOMICPRO 59847-ET	840003010363594						
ST GENOMICPRO 59851-ET	840003010363598						
ST GENOMICPRO 59853-ET	840003010363600						
ST GENOMICPRO 59856	840003010363603			C			3
ST GENOMICPRO 59859-ET	840003010363606			C		C	
ST GENOMICPRO 59861-ET	840003010363608						
ST GENOMICPRO 59867-ET	840003010363614			C			
ST GENOMICPRO 59882	840003010363629						
ST GENOMICPRO 59890	840003010363637						
ST GENOMICPRO 59898-ET	840003010363645						
ST GENOMICPRO 59917-ET	840003010363664						
ST GENOMICPRO 59921-ET	840003010363668						
ST GENOMICPRO 59923-ET	840003010363670						
ST GENOMICPRO 59926-ET	840003010363673						
ST GENOMICPRO 59937-ET	840003010363684						
ST GENOMICPRO 59941	840003010363688		C				
ST GENOMICPRO 59942	840003010363689					C	
ST GENOMICPRO 59946-TW	840003010363693						1
ST GENOMICPRO 59947-TW	840003010363694						1
ST GENOMICPRO 59953-ET	840003010363700						
ST GENOMICPRO 59954-ET	840003010363701						
ST GENOMICPRO 59962	840003010363709						
ST GENOMICPRO 59967	840003010363714						
ST GENOMICPRO 59968	840003010363715						
ST GENOMICPRO 59969-ET	840003010363716						
ST GENOMICPRO 59970-ET	840003010363717						
ST GENOMICPRO 59986-ET	840003010363733						
ST GENOMICPRO 59997	840003010363744						
ST GENOMICPRO 60051	840003010363798						
ST GENOMICPRO 60058	840003010363805						
ST GENOMICPRO 60082	840003010363829						
ST GENOMICPRO 60088	840003010363835						
ST GENOMICPRO 60101	840003010363848						
ST GENOMICPRO 60111-RED	840003010363858						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 60114-RED	840003010363861						1
ST GENOMICPRO 60119	840003010363866						
ST GENOMICPRO 60128	840003010363875						
ST GENOMICPRO 60132	840003010363879						
ST GENOMICPRO 60151	840003010363898						
ST GENOMICPRO 60167-ET	840003010363914						
ST GENOMICPRO 60172	840003010363919						
ST GENOMICPRO 60189	840003010363936						
ST GENOMICPRO 60216	840003010363963						
ST GENOMICPRO 60220-ET	840003010363967						
ST GENOMICPRO 60226-ET	840003010363973						
ST GENOMICPRO 60230-ET	840003010363977						
ST GENOMICPRO 60236	840003010363983						
ST GENOMICPRO 60250-RED	840003010363997		C				
ST GENOMICPRO 60255	840003010364002			C			
ST GENOMICPRO 60266	840003010364013						
ST GENOMICPRO 60270	840003010364017						
ST GENOMICPRO 60283	840003010364030		C				
ST GENOMICPRO 60291-RED	840003010364038						
ST GENOMICPRO 60293	840003010364040						
ST GENOMICPRO 60299	840003010364046						
ST GENOMICPRO 60302-ET	840003010364049						
ST GENOMICPRO 60304	840003010364051			C			
ST GENOMICPRO 60313	840003010364060						
ST GENOMICPRO 60314	840003010364061						
ST GENOMICPRO 60329	840003010364076						
ST GENOMICPRO 60340	840003010364087						
ST GENOMICPRO 60344	840003010364091						
ST GENOMICPRO 60356-ET	840003010364103						
ST GENOMICPRO 60360	840003010364107						
ST GENOMICPRO 60361-RED	840003010364108						1
ST GENOMICPRO 60362	840003010364109						
ST GENOMICPRO 60365-ET	840003010364112						
ST GENOMICPRO 60368-ET	840003010364115						
ST GENOMICPRO 60370-ET	840003010364117						
ST GENOMICPRO 60376	840003010364123						
ST GENOMICPRO 60381-ET	840003010364128						
ST GENOMICPRO 60386-ET	840003010364133						
ST GENOMICPRO 60400	840003010364147						
ST GENOMICPRO 60410-ET	840003010364157						
ST GENOMICPRO 60411	840003010364158						
ST GENOMICPRO 60415	840003010364162						
ST GENOMICPRO 60417-ET	840003010364164						
ST GENOMICPRO 60419-ET	840003010364166						
ST GENOMICPRO 60421-TW	840003010364168					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
ST GENOMICPRO 60422-TW	840003010364169						
ST GENOMICPRO 60427-ET	840003010364174						
ST GENOMICPRO 60428-ET	840003010364175						
ST GENOMICPRO 60431-ET	840003010364178						
ST GENOMICPRO 60435-ET	840003010364182						
ST GENOMICPRO 60437-ET	840003010364184						
ST GENOMICPRO 60439	840003010364186						
ST GENOMICPRO 60447	840003010364194						
ST GENOMICPRO 60448	840003010364195						
ST GENOMICPRO 60461	840003010364208						
ST GENOMICPRO 60467-RED	840003010364214						
ST GENOMICPRO 60470-ET	840003010364217						
ST GENOMICPRO 60479-ET	840003010364226						
ST GENOMICPRO 60485-ET	840003010364232						
ST GENOMICPRO 60487	840003010364234						
ST GENOMICPRO 60490-ET	840003010364237						
ST GENOMICPRO 60500	840003010364247						
ST GENOMICPRO 60501	840003010364248			C			1
ST GENOMICPRO 60505	840003010364252			C			
ST GENOMICPRO 60509	840003010364256						
ST GENOMICPRO 60517-ET	840003010364264						
ST GENOMICPRO 60525	840003010364272						
ST GENOMICPRO 60527	840003010364274						
ST GENOMICPRO 60528	840003010364275						
ST GENOMICPRO 60531	840003010364278					C	
ST GENOMICPRO 60534	840003010364281						
ST GENOMICPRO 60541	840003010364288						
ST GENOMICPRO 60545	840003010364292						
ST GENOMICPRO 60550-TW	840003010364297						
ST GENOMICPRO 60551-TW	840003010364298						
ST GENOMICPRO 60559-TW	840003010364306						
ST GENOMICPRO 60560-TW	840003010364307						
ST GENOMICPRO 60571-ET	840003010364318						
ST GENOMICPRO 60576-ET	840003010364323						
ST GENOMICPRO 60587-ET	840003010364334						
ST GENOMICPRO 60588	840003010364335						
ST GENOMICPRO 60589-ET	840003010364336						
ST GENOMICPRO 60591	840003010364338						
ST GENOMICPRO 60595-ET	840003010364342						
ST GENOMICPRO 60599-ET	840003010364346						
ST GENOMICPRO 60601-ET	840003010364348						
ST GENOMICPRO 60603	840003010364350						1
ST GENOMICPRO 60604-ET	840003010364351			C			
ST GENOMICPRO 60608-RED	840003010364355		C				1
ST GENOMICPRO 60610	840003010364357						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 60614-TW	840003010364361						
ST GENOMICPRO 60617-ET	840003010364364						
ST GENOMICPRO 60618	840003010364365						
ST GENOMICPRO 60627	840003010364374			C			
ST GENOMICPRO 60628-ET	840003010364375						
ST GENOMICPRO 60629	840003010364376					C	
ST GENOMICPRO 60633-ET	840003010364380						
ST GENOMICPRO 60639-RED-ET	840003010364386						1
ST GENOMICPRO 60644	840003010364391						
ST GENOMICPRO 60645-ET	840003010364392						
ST GENOMICPRO 60646	840003010364393						
ST GENOMICPRO 60648-RED-ET	840003010364395		C				2
ST GENOMICPRO 60649	840003010364396						
ST GENOMICPRO 60650-RED	840003010364397						1
ST GENOMICPRO 60651	840003010364398			C			1
ST GENOMICPRO 60654	840003010364401		C				
ST GENOMICPRO 60656-ET	840003010364403						
ST GENOMICPRO 60657	840003010364404		C				
ST GENOMICPRO 60662	840003010364409						1
ST GENOMICPRO 60666-ET	840003010364413						
ST GENOMICPRO 60667	840003010364414						
ST GENOMICPRO 60669	840003010364416						
ST GENOMICPRO 60671	840003010364418						
ST GENOMICPRO 60673-ET	840003010364420						
ST GENOMICPRO 60675-RED-ET	840003010364422						1
ST GENOMICPRO 60678	840003010364425			C			
ST GENOMICPRO 60687-ET	840003010364434						1
ST GENOMICPRO 60691	840003010364438						
ST GENOMICPRO 60695	840003010364442						
ST GENOMICPRO 60698	840003010364445						
ST GENOMICPRO 60699	840003010364446						
ST GENOMICPRO 60701	840003010364448						
ST GENOMICPRO 60703-ET	840003010364450						1
ST GENOMICPRO 60711-ET	840003010364458						1
ST GENOMICPRO 60714	840003010364461						
ST GENOMICPRO 60718	840003010364465						
ST GENOMICPRO 60731-ET	840003010364478						
ST GENOMICPRO 60733-ET	840003010364480			C			
ST GENOMICPRO 60734-ET	840003010364481						
ST GENOMICPRO 60738-ET	840003010364485						
ST GENOMICPRO 60739-ET	840003010364486			C			
ST GENOMICPRO 60741-ET	840003010364488						
ST GENOMICPRO 60747	840003010364494			C			
ST GENOMICPRO 60749	840003010364496			C			
ST GENOMICPRO 60753-ET	840003010364500						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 60756	840003010364503						
ST GENOMICPRO 60758	840003010364505						
ST GENOMICPRO 60761-ET	840003010364508						
ST GENOMICPRO 60762	840003010364509						1
ST GENOMICPRO 60781-ET	840003010364528						
ST GENOMICPRO 60787	840003010364534						
ST GENOMICPRO 60793	840003010364540						
ST GENOMICPRO 60802	840003010364549						
ST GENOMICPRO 60804-RED	840003010364551						
ST GENOMICPRO 60815-RED	840003010364562						
ST GENOMICPRO 60816-ET	840003010364563						1
ST GENOMICPRO 60833	840003010364580						
ST GENOMICPRO 60836	840003010364583						1
ST GENOMICPRO 60857	840003010364604						
ST GENOMICPRO 60859	840003010364606						
ST GENOMICPRO 60885-ET	840003010364632						
ST GENOMICPRO 60892	840003010364639						
ST GENOMICPRO 60900	840003010364647						
ST GENOMICPRO 60902-ET	840003010364649						
ST GENOMICPRO 60904-ET	840003010364651						
ST GENOMICPRO 60906-ET	840003010364653					C	
ST GENOMICPRO 60909	840003010364656						
ST GENOMICPRO 60911	840003010364658						
ST GENOMICPRO 60914	840003010364661						
ST GENOMICPRO 60915	840003010364662						
ST GENOMICPRO 60921	840003010364668						1
ST GENOMICPRO 60929	840003010364676						
ST GENOMICPRO 60936	840003010364683						
ST GENOMICPRO 61254-ET	840003010365001						
ST GENOMICPRO 61282-ET	840003010365029						
ST GENOMICPRO 61410-ET	840003010365157						
ST GENOMICPRO 61411-ET	840003010365158						
ST GENOMICPRO 61423-ET	840003010365170						
ST GENOMICPRO 61429-ET	840003010365176						
ST GENOMICPRO 61436-ET	840003010365183						1
ST GENOMICPRO 61455-ET	840003010365202						
ST GENOMICPRO 63124	840003123606913						
ST GENOMICPRO 63126	840003123606915						
ST GENOMICPRO 63204	840003123606993						
ST GENOMICPRO 63231	840003123607020						
ST GENOMICPRO 66117-RED	840003010566117						
ST GENOMICPRO 66123	840003010566123						
ST GENOMICPRO 66124	840003010566124			C			1
ST GENOMICPRO 67302-ET	840003123611091						
ST GENOMICPRO 67304-ET	840003123611093						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 67311-ET	840003123611100			C			
ST GENOMICPRO 67332-ET	840003123611121						
ST GENOMICPRO 67347-ET	840003123611136						
ST GENOMICPRO 67351-ET	840003123611140						
ST GENOMICPRO 67363-ET	840003123611152						
ST GENOMICPRO 67364-ET	840003123611153						
ST GENOMICPRO 67370-ET	840003123611159					C	
ST GENOMICPRO 67377-ET	840003123611166						
ST GENOMICPRO 67383-ET	840003123611172						
ST GENOMICPRO 67384-ET	840003123611173						1
ST GENOMICPRO 67386-ET	840003123611175						
ST GENOMICPRO 67394-ET	840003123611183						1
ST GENOMICPRO 67396-ET	840003123611185						
ST GENOMICPRO 67404-ET	840003123611193						
ST GENOMICPRO 67405-ET	840003123611194						
ST GENOMICPRO 67406-ET	840003123611195						
ST GENOMICPRO 67416-ET	840003123611205						
ST GENOMICPRO 67422-ET	840003123611211		C				
ST GENOMICPRO 67437-ET	840003123611226						
ST GENOMICPRO 67444-ET	840003123611233						
ST GENOMICPRO 67454-ET	840003123611243						
ST GENOMICPRO 67491-ET	840003123611280			C			
ST GENOMICPRO 70777-ET	840003123614566						
ST GENOMICPRO 70783	840003123614572						
ST GENOMICPRO 70786	840003123614575						
ST GENOMICPRO 70798-ET	840003123614587						
ST GENOMICPRO 70809-ET	840003123614598						
ST GENOMICPRO 70813-ET	840003123614602						
ST GENOMICPRO 70828	840003123614617						
ST GENOMICPRO 70838	840003123614627						
ST GENOMICPRO 70849-ET	840003123614638						
ST GENOMICPRO 70855-ET	840003123614644						
ST GENOMICPRO 70856	840003123614645						
ST GENOMICPRO 70858-ET	840003123614647						
ST GENOMICPRO 70873	840003123614662						
ST GENOMICPRO 70888	840003123614677						
ST GENOMICPRO 70901-ET	840003123614690						
ST GENOMICPRO 70907	840003123614696						
ST GENOMICPRO 70914-ET	840003123614703						
ST GENOMICPRO 70921-ET	840003123614710						
ST GENOMICPRO 70923-ET	840003123614712						
ST GENOMICPRO 70924-ET	840003123614713						
ST GENOMICPRO 70927-ET	840003123614716						
ST GENOMICPRO 70933	840003123614722						
ST GENOMICPRO 70936-ET	840003123614725						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO 70938-ET	840003123614727						
ST GENOMICPRO 70959	840003123614748						
ST GENOMICPRO 70964-ET	840003123614753						
ST GENOMICPRO ACACIA-ET	840003010347746						
ST GENOMICPRO ACQUA-ET	840003008461838						
ST GENOMICPRO ADE-RED-ET	840003009730147						
ST GENOMICPRO ADELE 2736-ET	840003010651483						
ST GENOMICPRO AIDEEN-RED	840003010363042						
ST GENOMICPRO ALETTA 2479	840003010651226						
ST GENOMICPRO ALEXIS-ET	840003009730158						
ST GENOMICPRO ALICIA P-ET	840003008461583						
ST GENOMICPRO ALLIE 2918-ET	840003010651665						
ST GENOMICPRO ALOE 59275-ET	840003010363022						
ST GENOMICPRO AMARI 2166	840003010650913						
ST GENOMICPRO AMORE-ET	840003010347677						1
ST GENOMICPRO ANDI 2980-ET	840003010651727						
ST GENOMICPRO ANDIE 2165-ET	840003010650912						
ST GENOMICPRO ANITA-ET	840003009730156						
ST GENOMICPRO ANYA 59314-ET	840003010363061		C				
ST GENOMICPRO APOLLO-ET	840003008272417			C			
ST GENOMICPRO APRIL 2690-ET	840003010651437						
ST GENOMICPRO APRON 2737-ET	840003010651484						
ST GENOMICPRO ARBUCKLE-ET	840003009730128			C			
ST GENOMICPRO ARENOT-ET	840003009730146						
ST GENOMICPRO ARGYLE	840003008461577						
ST GENOMICPRO ARLA 2958-RED	840003010651705						
ST GENOMICPRO ARLENE 59323	840003010363070						
ST GENOMICPRO ARTAC-ET	840003010347722						
ST GENOMICPRO ASPEN	840003008461695						1
ST GENOMICPRO ATHENA-RED-ET	840003009730151						
ST GENOMICPRO AVEDA-ET	840003008461894						
ST GENOMICPRO BABY 2892-ET	840003010651639						
ST GENOMICPRO BARBARA-ET	840003008461601		C				
ST GENOMICPRO BASIL 2985-ET	840003010651732						
ST GENOMICPRO BAVARIA-ET	840003008272398		C	C			
ST GENOMICPRO BEBE 59277-ET	840003010363024						
ST GENOMICPRO BELLA 2649-ET	840003010651396		C				
ST GENOMICPRO BETH 2744-ET	840003010651491						1
ST GENOMICPRO BETTE 2754-ET	840003010651501						
ST GENOMICPRO BLACKY	840003008461833		C				3
ST GENOMICPRO BLISS 2675-ET	840003010651422		C				
ST GENOMICPRO BLOOMER-ET	840003008461605						1
ST GENOMICPRO BLOOMOON-ET	840003008461610						
ST GENOMICPRO BLUE-ET	840003008461891						
ST GENOMICPRO BOBBI 2731-ET	840003010651478						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO BRIDE 2689-ET	840003010651436		C				
ST GENOMICPRO BRINGO-ET	840003008461709						
ST GENOMICPRO BRIT 2643-ET	840003010651390						
ST GENOMICPRO CAMELIA 2756	840003010651503						
ST GENOMICPRO CANDI 2774-ET	840003010651521						1
ST GENOMICPRO CAPRI 2993-ET	840003010651740						
ST GENOMICPRO CARRIE-ET	840003008461841						
ST GENOMICPRO CHAR 2613-ET	840003010651360						1
ST GENOMICPRO CHASTITY	840003008461587						
ST GENOMICPRO CHAY 2611-ET	840003010651358						1
ST GENOMICPRO CHICK-ET	840003008461860						
ST GENOMICPRO CLARE 2838-ET	840003010651585						
ST GENOMICPRO CLAUDIA 2870	840003010651617						
ST GENOMICPRO CLIP 59387-ET	840003010363134						
ST GENOMICPRO CRISS 2757-ET	840003010651504						1
ST GENOMICPRO CRISSY-ET	840003008461871						
ST GENOMICPRO DAILEY	840003008272410						1
ST GENOMICPRO DAINTY-ET	840003008461598						
ST GENOMICPRO DALEVILLE-ET	840003008272411						
ST GENOMICPRO DALLAS P	840003008461581						
ST GENOMICPRO DANA 2610-ET	840003010651357			C			
ST GENOMICPRO DARBY 2621-ET	840003010651368			C			
ST GENOMICPRO DARLA 2605-ET	840003010651352			C			
ST GENOMICPRO DARLING 2633	840003010651380					C	
ST GENOMICPRO DARLING-ET	USA 70867733			C			
ST GENOMICPRO DAUGHTRY-ET	840003010347748					C	
ST GENOMICPRO DAWN 2780-ET	840003010651527						
ST GENOMICPRO DELI 2672-ET	840003010651419			C			
ST GENOMICPRO DENA 2647-ET	840003010651394						
ST GENOMICPRO DIDDY	840003008461686						2
ST GENOMICPRO DINAH 2617-ET	840003010651364						
ST GENOMICPRO DING-ET	840003008272419						
ST GENOMICPRO DIVA 2773-ET	840003010651520						
ST GENOMICPRO DOLCE-ET	840003008461596						
ST GENOMICPRO DOLLY P-ET	840003008461706						
ST GENOMICPRO DOOZY-ET	840003008272415						
ST GENOMICPRO DOPRAN-ET	840003008461720						1
ST GENOMICPRO DORIS 2674-ET	840003010651421			C			
ST GENOMICPRO DORY 2666-ET	840003010651413						
ST GENOMICPRO DOTTIE-ET	840003009730162					C	
ST GENOMICPRO DOTTY 2841-ET	840003010651588			C		C	
ST GENOMICPRO DOWNY-ET	840003008461721						1
ST GENOMICPRO DRAMA-ET	840003008272404			C			
ST GENOMICPRO DREAMY 2503	840003010651250					C	
ST GENOMICPRO DYNA	840003008461690						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO EDITH-ET	840003010347735						
ST GENOMICPRO EDNA 59374-ET	840003010363121						
ST GENOMICPRO EDNA-ET	840003008461870			C			1
ST GENOMICPRO ELVA 2741-ET	840003010651488						
ST GENOMICPRO EPPY-ET	840003010347720						1
ST GENOMICPRO EVIE 2701-ET	840003010651448						
ST GENOMICPRO EXIE 59403-ET	840003010363150						
ST GENOMICPRO FANCY 59329	840003010363076						
ST GENOMICPRO FANCY-ET	840003009730126						
ST GENOMICPRO FANDANGO-ET	840003010347659						
ST GENOMICPRO FANTA-ET	840003009730144						
ST GENOMICPRO FARAH 2739-ET	840003010651486						
ST GENOMICPRO FELICIA 59406	840003010363153						
ST GENOMICPRO FESTOINA-ET	840003009730160						
ST GENOMICPRO FLUFFY-ET	840003010347658						
ST GENOMICPRO FOLLY 2749-ET	840003010651496						
ST GENOMICPRO FOOLI-ET	840003009730155						
ST GENOMICPRO FREDA 2986-ET	840003010651733						
ST GENOMICPRO FUSSY-ET	840003010347664						
ST GENOMICPRO GELATO 2878	840003010651625					C	
ST GENOMICPRO GERTIE 2946	840003010651693						
ST GENOMICPRO GIRLY	840003010347743						1
ST GENOMICPRO GOFIGURE-ET	840003008461889						1
ST GENOMICPRO GRETA	840003010347687						1
ST GENOMICPRO HALLY 2855-ET	840003010651602						
ST GENOMICPRO HOHAH	840003008461681						2
ST GENOMICPRO JANE MARY-ET	USA 70867725						
ST GENOMICPRO JASMINE-ET	840003010347686						
ST GENOMICPRO JENN 2670-ET	840003010651417						
ST GENOMICPRO JENY CRAIG-ET	USA 70867727						
ST GENOMICPRO JEWEL 2771-ET	840003010651518			C			
ST GENOMICPRO JITTERBUG	USA 70867735						
ST GENOMICPRO KATRINA 2996	840003010651743						
ST GENOMICPRO LACE-ET	840003009730167						
ST GENOMICPRO LACY 59390-ET	840003010363137						
ST GENOMICPRO LANA	840003008461684						
ST GENOMICPRO LAPERLA-ET	840003008461854						
ST GENOMICPRO LARA 59278-ET	840003010363025						
ST GENOMICPRO LASHES-ET	840003010347684						
ST GENOMICPRO LAUGHING	840003010347691						
ST GENOMICPRO LAVENDAR-ET	840003008461847						
ST GENOMICPRO LINDSAY 2639	840003010651386						
ST GENOMICPRO LITHIUM 1854	840003010650601						
ST GENOMICPRO LORA 59389-ET	840003010363136						
ST GENOMICPRO LSNOW 2546-ET	840003010651293						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO LUCKY	840003008461879						
ST GENOMICPRO LURKER-ET	840003010347742						
ST GENOMICPRO LYNETTE 2557	840003010651304						
ST GENOMICPRO MABEE 2922-ET	840003010651669						
ST GENOMICPRO MABEL 2570-ET	840003010651317						
ST GENOMICPRO MADI 59296-ET	840003010363043						
ST GENOMICPRO MAGGIE	840003008461584						
ST GENOMICPRO MALI 2392	840003010651139					C	
ST GENOMICPRO MALT 2953-ET	840003010651700						
ST GENOMICPRO MARILOO-ET	840003008461873						
ST GENOMICPRO MARISSA-ET	840003008461701						
ST GENOMICPRO MARLY 2962-ET	840003010651709						
ST GENOMICPRO MARSHA-RED	840003010363003						
ST GENOMICPRO MARYJANE-ET	USA 70867736						
ST GENOMICPRO MAUI-ET	840003009730164						
ST GENOMICPRO MAVIS-ET	840003008461872						
ST GENOMICPRO MAY 2678-ET	840003010651425						
ST GENOMICPRO MAYA 59333-ET	840003010363080			C			
ST GENOMICPRO MELLOW-RED-ET	840003010362998						
ST GENOMICPRO MERRY 2920-ET	840003010651667						
ST GENOMICPRO MIA-RED-ET	840003010651739						
ST GENOMICPRO MICHELLE-ET	840003010347713						2
ST GENOMICPRO MILKMAID	840003008461832						
ST GENOMICPRO MILKYWAY	840003008461880		C				
ST GENOMICPRO MILLY 2943-ET	840003010651690						
ST GENOMICPRO MINNIE 59330	840003010363077						
ST GENOMICPRO MIST 59322-ET	840003010363069						
ST GENOMICPRO MISTY-ET	840003010347676			C			
ST GENOMICPRO MOCHA-ET	840003010347739						
ST GENOMICPRO MOGUL 1911-ET	840003010650658						
ST GENOMICPRO MONZA-ET	840003008461869					C	
ST GENOMICPRO MUFFY	840003008461707						
ST GENOMICPRO MYRNA 2893-ET	840003010651640			C			
ST GENOMICPRO NANNY 2782-ET	840003010651529						
ST GENOMICPRO NINA 2602	840003010651349						
ST GENOMICPRO OKEEFE-ET	840003010347731						
ST GENOMICPRO OLINDA 2696	840003010651443						
ST GENOMICPRO OLIVE-ET	840003010347744						
ST GENOMICPRO OMYGOSH-ET	840003010347723						
ST GENOMICPRO PANSY 2848-ET	840003010651595						
ST GENOMICPRO PEARL 59261	840003010363008						
ST GENOMICPRO PENELOPE-ET	840003010347702		C				3
ST GENOMICPRO PEPPY-ETS	840003010651630			C			
ST GENOMICPRO PERLA 2746-ET	840003010651493						
ST GENOMICPRO PERM 59325-ET	840003010363072						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GENOMICPRO PHANTISTIC-ET	840003008461717						
ST GENOMICPRO PHIN 59297-ET	840003010363044			C			
ST GENOMICPRO PHLOPPY	840003009730149						
ST GENOMICPRO PHOEBE 59400	840003010363147						
ST GENOMICPRO PHOEBE-ET	840003010347700						4
ST GENOMICPRO PIPPY-ETS	840003010651629						
ST GENOMICPRO PIXIE	840003009730168						
ST GENOMICPRO RAELYNN 59399	840003010363146						
ST GENOMICPRO RAMAH-ET	840003008272407					C	
ST GENOMICPRO RAYZIN-ET	840003008461622						
ST GENOMICPRO RHYME 2719-ET	840003010651466						
ST GENOMICPRO RICKY-ET	840003008461849						
ST GENOMICPRO RITZY 2726-ET	840003010651473						
ST GENOMICPRO RUSH-ET	840003008272405					C	
ST GENOMICPRO SALIDA-ET	840003008272401			C			
ST GENOMICPRO SAPHIRE-ET	840003008461840						
ST GENOMICPRO SASSY 2950-ET	840003010651697						
ST GENOMICPRO SEESURE	840003010347695						
ST GENOMICPRO SHEBA 2735-ET	840003010651482			C			
ST GENOMICPRO SHY-ET	840003009730148						
ST GENOMICPRO SILVERBUFF-ET	840003008272406						
ST GENOMICPRO SOFIA-ET	840003010347680						
ST GENOMICPRO SONG 59313-ET	840003010363060		C				
ST GENOMICPRO SSIRE 2585-ET	840003010651332						
ST GENOMICPRO STARRY	840003008272420						
ST GENOMICPRO SUGAR-ET	840003008461827						
ST GENOMICPRO SUPRSIRE 1882	840003010650629						
ST GENOMICPRO SUSIE-RED-ET	840003010651726						
ST GENOMICPRO SUZIE 2651-ET	840003010651398						
ST GENOMICPRO SUZY-Q-ET	840003009730145						
ST GENOMICPRO TARTAR-ET	840003010347671	C					
ST GENOMICPRO TEXAS-ET	840003008461883						
ST GENOMICPRO TIA-MARIA	USA 70867734						
ST GENOMICPRO TIFFANY-ET	840003008461619						
ST GENOMICPRO TINA 2896-ET	840003010651643						
ST GENOMICPRO TIPPY-ET	840003010347665						
ST GENOMICPRO VERA 59315-ET	840003010363062						
ST GERVASE 65274	840003123609063						
ST GERVASE 67972	840003123611761						
ST GHOST 63382	840003123607171						
ST GHOST 63387	840003123607176						
ST GHOST 63396	840003123607185						
ST GLENTON 60477	840003010364224						
ST GODFREY 23648	840003009171484						
ST GOLD CHIP 48044	840003010346636						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST GOLD CHIP 68194	840003123611983						
ST GOLD CHIP MACY	USA 72822198						
ST GRAND 22424	840003009043886						
ST GUNTHER 61259	840003010365006						
ST GUTHRIE 48035	840003010346627						
ST GUTHRIE 67766	840003123611555					C	
ST GUTHRIE 68115	840003123611904						
ST HALEY 68153	840003123611942						
ST HALEY 68157	840003123611946						3
ST HALEY 68160	840003123611949						
ST HALEY 68172	840003123611961						
ST HALEY 68200	840003123611989						
ST HEIR 67774	840003123611563						
ST HESSEL 7524	USA 75235851						
ST HILL 61311	840003010365058						
ST HOMESTEAD 51317	840003010349909						
ST HOMESTEAD 67905	840003123611694						
ST HOWARD 61507	840003010365254						
ST HUNTER 67966	840003123611755						
ST ICEMAN 61349	840003010365096						
ST ICEMAN 61352	840003010365099						
ST ILIAD 4592	USA 75235804						
ST IMAN 64777	840003123608566			C			
ST IMPRESSION 68074	840003123611863						
ST INCHARGE 2582	840003010651329						
ST INCHARGE 60290	840003010364037						
ST INCHARGE 60306	840003010364053						
ST INCHARGE 60308	840003010364055						
ST INDY 67354	840003123611143						
ST INDY 67743	840003123611532					C	
ST INGRAM 3735	USA 75235776						
ST INNOVATION 3162	840003013231657						
ST INTREPID 61575	840003010365322						
ST IOTA 5186	USA 75235817						
ST JACKSON 61263	840003010365010						
ST JACOB 67920	840003123611709						
ST JAGGIN 67645	840003123611434						
ST JAKE 48038	840003010346630						
ST JAKE 67725	840003123611514						
ST JAKE 67746	840003123611535						
ST JASPER 68107	840003123611896						
ST JASPER 68117	840003123611906						
ST JETT AIR 7629	USA 75235855						
ST JITTERBUG 60708	840003010364455						
ST JITTERBUG 60715	840003010364462						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST JITTERBUG 67295	840003123611084						
ST JITTERBUG 67749	840003123611538						
ST JOHNSON 60459	840003010364206			C			
ST JOHNSON 68161	840003123611950						
ST JOHNSON 68162	840003123611951			C			
ST JOHNSON 68163	840003123611952						
ST JOHNSON 68196	840003123611985			C			
ST JORGE 67772	840003123611561						
ST JUNO 60443-TW	840003010364190						
ST JUNO 60444-TW	840003010364191						
ST JUNO 60574	840003010364321						
ST JUNO 60635	840003010364382						
ST JUNO 60759	840003010364506						
ST JUNO 67298	840003123611087		C				
ST JUNO 67313	840003123611102						
ST JUNO 67315	840003123611104						
ST JUNO 67322	840003123611111						
ST JUNO 67323	840003123611112					C	
ST JUNO 67324-TW	840003123611113						
ST JUNO 67325-TW	840003123611114						
ST JUNO 70774	840003123614563						
ST JUNO 70791	840003123614580						
ST JUNO 70799	840003123614588						
ST JUNO 70806	840003123614595						
ST JUNO 70812	840003123614601						
ST JUNO 70832	840003123614621						
ST JUNO 70846	840003123614635						
ST JUNO 70890	840003123614679						
ST JUNO 70893	840003123614682						
ST JUNO 70894	840003123614683						
ST JUPITER 59401-TW	840003010363148			C			
ST JUPITER 59402-TW	840003010363149	C		C			
ST JUPITER 61253	840003010365000						
ST JUPITER 61312	840003010365059						
ST JUPITER 61315	840003010365062			C			
ST JUSTINCASE 60248	840003010363995						3
ST JUSTINCASE 60257	840003010364004						
ST JUSTINCASE 60294	840003010364041						
ST JUSTINCASE 60309	840003010364056						
ST JUSTINCASE 61314	840003010365061						
ST JUSTINCASE 67282	840003123611071						
ST KAMIK 7358	USA 75235847						
ST KAMIN 3727	USA 75235775						
ST KARIM 2820	840003010651567						
ST KARIM 2888	840003010651635						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST KARIM 59665	840003010363412						
ST KARIM 59733	840003010363480						
ST KARIM 60454	840003010364201						
ST KARIM 60465	840003010364212	C					
ST KARIM 60481	840003010364228						
ST KARIM 61277	840003010365024						
ST KARIM 61280	840003010365027						3
ST KARIM 61281	840003010365028					C	
ST KARIM 61285	840003010365032						
ST KARIM 61395	840003010365142						
ST KARIM 61405	840003010365152			C			3
ST KARIMN 61289	840003010365036						
ST KEYBOARD 59454	840003010363201						3
ST KICKBALL 68168	840003123611957						3
ST KINGBOY 67371-ET	840003123611160					C	
ST KNIGHT 71001	840003123614790						
ST KOOL 63375	840003123607164						
ST LADRON 68201	840003123611990						
ST LARIAT 59574	840003010363321	C					
ST LARIAT 59601	840003010363348						
ST LARIAT 59611	840003010363358						
ST LARIAT 59618	840003010363365						
ST LARIAT 59629	840003010363376						
ST LARIAT 59631	840003010363378						
ST LARIAT 59639	840003010363386						3
ST LARIAT 59703	840003010363450						
ST LARIAT 59713	840003010363460						
ST LARIAT 59747	840003010363494						
ST LARIAT 59755	840003010363502						
ST LARIAT 59756	840003010363503				C		
ST LARIAT 59764	840003010363511						
ST LARIAT 61347	840003010365094						
ST LAST CHANCE 68182	840003123611971						
ST LASZLO 65234	840003123609023						
ST LASZLO 65302	840003123609091						
ST LAUTCH 60709	840003010364456						
ST LAUTCH 67318	840003123611107						
ST LAUTCH 70974	840003123614763						
ST LAZARITH 68038	840003123611827						
ST LEBRON 2410	840003010651157						
ST LEBRON RC 70337	840003123614126						
ST LET IT SNOW 60253	840003010364000			C			
ST LET IT SNOW 60259	840003010364006	C					
ST LET IT SNOW 60262	840003010364009			C			
ST LEVI 60387	840003010364134						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST LEVI 60406	840003010364153			C			
ST LIBERTY 60346	840003010364093						
ST LIMOCAR 68108	840003123611897						
ST LIMOR 67940	840003123611729						
ST LINCECUM 59462	840003010363209						
ST LINCECUM 61323	840003010365070					C	
ST LITHIUM 67888	840003123611677						
ST LITHIUM 67897	840003123611686						
ST LIVERSE 67801	840003123611590	C					
ST LLEWELLYN-P 60697	840003010364444						
ST LLEWELLYN-P 60706	840003010364453						
ST LLEWELLYN-P 67266	840003123611055						
ST LLEWELLYN-P 67286	840003123611075						
ST LOLO 60408	840003010364155						
ST LOMBARDI 67492	840003123611281						
ST LOMBARDI 70796	840003123614585						
ST LOMBARDI 70821	840003123614610						
ST LOMBARDI 70831	840003123614620						
ST LOMBARDI 70844	840003123614633						
ST LOOK 4514	USA 75235798						
ST LOTTO 61502	840003010365249		C				
ST MACGUINESS 60264	840003010364011						
ST MACGUINESS 60322	840003010364069						
ST MACGUINESS 60399	840003010364146						
ST MAGIC 51591	840003010350183						
ST MAGNA-P 59654	840003010363401						
ST MAGNA-P 59655	840003010363402						
ST MAGNETISM 64919	840003123608708						
ST MAGNETO 2850	840003010651597						
ST MAGNETO 2959	840003010651706						
ST MAGNETO 59455	840003010363202						
ST MAGNETO 59598	840003010363345						
ST MAGNETO 59625	840003010363372						
ST MAGNETO 59641	840003010363388						
ST MAGNETO 59743	840003010363490						
ST MAGNETO 61321	840003010365068						
ST MAGNETO 61343	840003010365090						
ST MAGNUS 48032	840003010346624						
ST MAINSTREAM 59573	840003010363320						
ST MAINSTREAM 59608	840003010363355						
ST MAINSTREAM 59619	840003010363366						
ST MAJOR 2743	840003010651490						
ST MAJOR 67821	840003123611610						
ST MAN-O-MAN 67261	840003123611050						
ST MAN-O-MAN 67890	840003123611679						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST MAN-O-MAN2 60632	840003010364379						
ST MANIFOLD 2806	840003010651553						
ST MANIFOLD 61397	840003010365144						
ST MANZIEL 59658	840003010363405						
ST MANZIEL 61295	840003010365042						
ST MARCELLUS 67994	840003123611783						
ST MARKET 67844	840003123611633						
ST MARLBORO 61556	840003010365303						
ST MASSEY 27061	840003013500917						
ST MASTER 67981	840003123611770						
ST MASTERPIECE 68158	840003123611947						3
ST MATIC 60277	840003010364024						
ST MATIC 60278	840003010364025						
ST MAURY 61580	840003010365327						
ST MAYFIELD 60355	840003010364102			C			
ST MAYFIELD 67826	840003123611615			C			
ST MCCUTCHEN 67482	840003123611271						
ST MEGASIRE 60205	840003010363952						
ST MEGASIRE 60578	840003010364325						
ST MEGASIRE 70877	840003123614666						
ST MEGASIRE 70904	840003123614693						
ST MEGASIRE 70916	840003123614705						
ST MEGASIRE 70954	840003123614743						3
ST MEGASIRE 70968	840003123614757						
ST MEGASIRE 70971	840003123614760						
ST METAL 67758	840003123611547						
ST METEOR 59616	840003010363363						
ST METEOR 59643-TW	840003010363390						
ST METEOR 59644-TW	840003010363391						
ST METEOR 59750	840003010363497						
ST METEOR 61287	840003010365034						
ST METEOR 68195	840003123611984						
ST MEXICO 67937	840003123611726						
ST MICHAEL 23145	USA 71832038						
ST MICHELOB 68101	840003123611890						
ST MICHELOB 70441	840003123614230			C			
ST MICKEY 22366	USA 71831259						
ST MICKEY 22447	USA 71831340						
ST MICKEY 70905	840003123614694						
ST MICKEY 71015	840003123614804						3
ST MILLION 23112	USA 71832005						
ST MILLION 23140	USA 71832033		C				
ST MILLION 23592	USA 71832485						
ST MILLION 23608	840003009171564		C				
ST MILLION 23733	840003009171746						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST MILLION 67926	840003123611715						
ST MISTER 67804	840003123611593						
ST MOJITIO 61316	840003010365063						
ST MOJITO 59874	840003010363621						
ST MOJITO 59906	840003010363653						
ST MOJITO 59922	840003010363669						
ST MOJITO 59945	840003010363692						
ST MOJITO 61298	840003010365045						
ST MOJITO 61327	840003010365074						
ST MOJITO 61329	840003010365076						
ST MOJITO 61358	840003010365105						
ST MOJITO 61360	840003010365107						
ST MOKWA 67912	840003123611701						
ST MONARK 67921	840003123611710						
ST MONTAGE 48030	840003010346622	C					
ST MOSCOW 67617	840003123611406						
ST MOSEBY 67806	840003123611595						
ST MOSES 60178-RED	840003010363925						
ST MOSES 60195-RED	840003010363942						
ST MOSES 60223	840003010363970						
ST MOSES 60319	840003010364066						
ST MR KANSAS 59685	840003010363432						
ST MR KANSAS 59773	840003010363520			C			
ST MR KANSAS 59774	840003010363521						
ST MR KANSAS 59776	840003010363523						
ST MR KANSAS 59791	840003010363538						
ST MR KANSAS 59795	840003010363542						
ST MS GENOMICPRO MAUI-ET	USA 70867719					C	
ST MUCHO 7973	USA 75235878						
ST MYSTRE 71033	840003123614822						
ST NATO 22198	USA 71831091						
ST NEPTUNE 60305	840003010364052					C	
ST NEPTUNE 60339	840003010364086					C	
ST NEPTUNE 60423	840003010364170	C					
ST NETWORTH 6052	840003013639519						
ST NIRVANA 60492	840003010364239						
ST NUCLEUS 68208	840003123611997						3
ST O-STYLE 61495	840003010365242						
ST OAK 68167	840003123611956						
ST OAK 68202	840003123611991						
ST OAK 68207	840003123611996						
ST OAK 68213	840003123612002						
ST OAK 68219	840003123612008						
ST OBSERVER 22290	USA 71831183						
ST OLEGANT 3113	840003013131771						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST ONESHOT 67908	840003123611697						
ST ORIENT 67764	840003123611553						
ST ORIENT 68109	840003123611898						
ST ORLANDO P 59928-TW	840003010363675		C	C			
ST ORLANDO P 59929-TW	840003010363676		C				
ST ORLANDO P 60743	840003010364490						
ST P MARTY 67860	840003123611649						
ST PA 1230	840003010649977						
ST PA 127	840003009747849						
ST PA 1290	840003010650037						3
ST PA 1308	840003010650055						
ST PA 1475	840003010650222						
ST PA 16	840003009747738						
ST PA 182	840003009747904						
ST PA 263	840003009747985						
ST PA 32	840003009747754						
ST PA 325	840003009748047		C				
ST PA 36	840003009747758						
ST PA 40	840003009747762						
ST PA 40684	840003009736406						
ST PA 43345	840003010335932						
ST PA 43356	840003010335943						
ST PA 43404	840003010335991						
ST PA 43444	840003010336031						
ST PA 43591	840003010336178						
ST PA 44308	840003010336895		C				
ST PA 45577	840003010338164			C			
ST PA 47205	840003010339792	C					
ST PA 47384	840003010339971						
ST PA 49	840003009747771		C				3
ST PA 49239	840003010347831		C				
ST PA 50	840003009747772						
ST PA 50835	840003010349427	C					
ST PA 50846	840003010349438						
ST PA 50911	840003010349503						
ST PA 51006	840003010349598						
ST PA 51084	840003010349676						
ST PA 51242	840003010349834						
ST PA 51590	840003010350182						
ST PA 83	840003009747805						
ST PA 96	840003009747818						
ST PA ABRAHAM 1537	840003010650284						
ST PA AL 2397	840003010651144						
ST PA ARNOLD 2163	840003010650910						
ST PA BAYSIDE 1703	840003010650450		C				3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST PA BAYSIDE 1834	840003010650581		C				
ST PA BLACKOUT 1912	840003010650659	C					
ST PA BRENT 2558	840003010651305	C					
ST PA BUTCH 2294	840003010651041						
ST PA BUTCH 2295	840003010651042						
ST PA CADET 2396	840003010651143						
ST PA CASUAL 1678	840003010650425						
ST PA CLARK 1552	840003010650299						
ST PA DIAMOND 59311	840003010363058						
ST PA DIXIELAND 2642	840003010651389						
ST PA ECLIPSE 2398	840003010651145						3
ST PA ECLIPSE 2404	840003010651151						3
ST PA ECLIPSE 2429	840003010651176						3
ST PA ECLIPSE 2472	840003010651219						3
ST PA ECLIPSE 2560	840003010651307						
ST PA ECLIPSE 2615	840003010651362						
ST PA FABIO 1923	840003010650670						
ST PA HILL 1782	840003010650529						
ST PA JUNIPER 1677	840003010650424						
ST PA KOJAK 1790-RED	840003010650537						
ST PA LEBRON 2372	840003010651119						
ST PA REGORD 1590	840003010650337						
ST PA SACHO 59367	840003010363114						
ST PA TABBY 2339	840003010651086						
ST PA TALENTI 1601	840003010650348						
ST PA TALENTI 1804	840003010650551						
ST PA TALENTI 2032-TW	840003010650779						
ST PA TALENTI 2402	840003010651149						
ST PA TEMPO 1574	840003010650321						
ST PA TITUS 2029	840003010650776						
ST PAINTBALL 67615	840003123611404						
ST PARKER 67710	840003123611499						
ST PASCALE 59600	840003010363347			C			
ST PASCALE 59809	840003010363556						
ST PASCALE 59827	840003010363574	C					
ST PASCALE 59877	840003010363624						
ST PASCALE 59930	840003010363677						
ST PASCALE 60191	840003010363938						
ST PASCALE 60204	840003010363951						
ST PASONIC 3536	USA 75235772						
ST PAVETHEWAY 5478	USA 75235820	C					
ST PAVETHEWAY 61325	840003010365072						
ST PAY CHECK 67471	840003123611260						
ST PAYBACK 22310	840003009480316						
ST PEDRO 5051	USA 75235816	C					

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST PEOTI 67854	840003123611643						
ST PEPPER 6100	840003013638924						
ST PEPPER 70443	840003123614232						
ST PERFORM 67922	840003123611711		C				3
ST PERRY 6090	840003013642390						
ST PERRY 65279	840003123609068						
ST PERRY 65332	840003123609121						
ST PERRY 67924	840003123611713						
ST PETERSBURG 60713	840003010364460		C				
ST PETERSBURG 67260	840003123611049						
ST PETERSBURG 70920	840003123614709						
ST PHILIP 67753	840003123611542						
ST PHILIP 67757	840003123611546						
ST PHONIC 68084	840003123611873						
ST PLATO 60460	840003010364207						
ST PLATO 60476	840003010364223						3
ST PLATO 60506	840003010364253						
ST PLATO 60543	840003010364290						
ST PLATO 60568	840003010364315						
ST PLATO 60584	840003010364331						
ST PLATO 60585	840003010364332				C		
ST PLATO 61428	840003010365175						
ST POETRY 67866	840003123611655						
ST POLICE 68187	840003123611976						
ST POTTER 67829	840003123611618						
ST PRANCE 48041	840003010346633						
ST PRECINCT 3445	USA 75235769						
ST PRECINCT 3462	USA 75235770						
ST PRENTICE 4493	USA 75235795						
ST PRENTICE 4696	USA 75235813						
ST PROPER 67711	840003123611500						
ST PROPER 67712	840003123611501						
ST PROPER 67965	840003123611754						
ST PROPER 67992	840003123611781	C					
ST PROSPECT 11372	840003010339702						
ST RAVEN 5048	USA 75235815						
ST RAZOR 64769	840003123608558						
ST REAL-DEAL 67790	840003123611579						
ST REAL-DEAL 67816	840003123611605						
ST REGINALD 68051	840003123611840						
ST REVENUE 4619	USA 75235807						
ST RHODAMINE 67986	840003123611775						
ST RODRIGO 60169	840003010363916						
ST ROLAND 22294	USA 71831187						
ST ROLAND 60429	840003010364176						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST ROLAND 60450	840003010364197						
ST ROLAND 60496	840003010364243						
ST ROLAND 61406	840003010365153		C				
ST ROLAND 61407	840003010365154						
ST ROLAND 67779	840003123611568						
ST RONDO 67805	840003123611594						
ST ROYAL 22102	USA 71830995						
ST RUBI SAVANNA-ET	840003134764747						
ST RUBI STACER-ET	840003134764748			C			
ST SACHO 61335	840003010365082						
ST SACHO RC 61286	840003010365033						
ST SACHO RC 61290-TW	840003010365037						
ST SACHO RC 61291-TW	840003010365038						
ST SACHO RC 61292	840003010365039						3
ST SAGA 61301	840003010365048						
ST SAMMY 67875	840003123611664						
ST SANDERSON 61568	840003010365315						
ST SANDSTONE 67432	840003123611221						
ST SANDSTONE 67441	840003123611230						
ST SASON 67974	840003123611763						
ST SASON 68060	840003123611849						
ST SATCHEL 5995	840003013599478						
ST SERGIO 65312	840003123609101						
ST SHAMELESS 67959	840003123611748						
ST SHAMPOO 67997	840003123611786						
ST SHAMROCK 67368	840003123611157						
ST SHOT 67791	840003123611580						
ST SHOT 67792	840003123611581					C	
ST SHOT 67870	840003123611659						
ST SHOTGLASS 60228	840003010363975						
ST SIMON 60380	840003010364127						
ST SKODA 68155	840003123611944						
ST SKODA 68166	840003123611955						
ST SKODA 68188	840003123611977						
ST SKODA 68199	840003123611988						
ST SPARROW 67982	840003123611771						
ST SPEAKER 60498	840003010364245						
ST SPEARMINT 67765	840003123611554		C			C	
ST STALLION 67786	840003123611575						
ST STALLION 67889	840003123611678						
ST STANTON 67883	840003123611672		C				
ST SUPERSONIC 60184	840003010363931						
ST SURFER 3110	840003013231640			C		C	
ST SUSTAIN 68152	840003123611941						
ST SYMPATICO 67787	840003123611576			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST TABBY 70252	840003123614041						3
ST TALENTI 68126	840003123611915						
ST TALENTI 70320	840003123614109						
ST TALISMAN 1348	840003010650095						
ST TALISMAN 70263	840003123614052						
ST TAMPA 70862	840003123614651						
ST TANG 2766	840003010651513						
ST TANG 2772	840003010651519						1
ST TANG 70253	840003123614042						
ST TARMAC 22132	USA 71831025						
ST TARMAC 22140	USA 71831033						
ST TEAK DOZER 73228-ET	840003132198256						
ST TEAK MONTROSS 31761-ET	840003126775766						
ST TIME 67837	840003123611626						
ST TITUS RC 70292	840003123614081						
ST TITUS RC 70360	840003123614149						
ST TOBIAS 68149	840003123611938						
ST TONIC 67656	840003123611445				C		
ST TONY 2724	840003010651471						
ST TONY 2760	840003010651507						
ST TONY 70259	840003123614048						
ST TONY 70322	840003123614111						
ST TOPROCK 61387	840003010365134						
ST TOWNSEND 61256	840003010365003						3
ST TRES 67836	840003123611625						
ST TRIGGER 60232	840003010363979					C	
ST TRIGGER 67939	840003123611728					C	
ST TROJAN 61571	840003010365318						
ST TYSON 59533	840003010363280					C	
ST TYSON 59612	840003010363359						
ST TYSON 61306-TW	840003010365053					C	
ST TYSON 61310-TW	840003010365057					C	
ST VOYAGE 67290	840003123611079						
ST VOYAGE 67314	840003123611103						
ST VOYAGE 67328	840003123611117						
ST WARBUCKS 71003	840003123614792						
ST WARRIOR 60536	840003010364283						
ST WARRIOR 60594	840003010364341						
ST WARRIOR 60625	840003010364372						
ST WARRIOR 60742	840003010364489						3
ST WARRIOR 61461	840003010365208						
ST WARRIOR 61463	840003010365210						
ST WARRIOR 61468	840003010365215						
ST WARRIOR 67256	840003123611045						
ST WARRIOR 67262	840003123611051						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST WARRIOR 67267	840003123611056						
ST WARRIOR 67268	840003123611057						
ST WARRIOR 67269	840003123611058						
ST WARRIOR 67271	840003123611060						
ST WARRIOR 67272	840003123611061						
ST WARRIOR 67274	840003123611063						
ST WARRIOR 67275	840003123611064						
ST WARRIOR 67277	840003123611066						
ST WARRIOR 67278	840003123611067						
ST WARRIOR 67285	840003123611074						
ST WARRIOR 68222	840003123612011						
ST WARRIOR 70327	840003123614116						
ST WARWICK 6634	USA 75235839						
ST WISEMAN 67465	840003123611254						
ST WYNNER 61303	840003010365050			C			
ST WYNNER 61305	840003010365052						
ST WYNNER 61324	840003010365071						
ST WYNNER 61326	840003010365073			C			
ST YANCE 60800	840003010364547						
ST YANCE 67337	840003123611126					C	
ST YANO 61262	840003010365009						
ST YANO 67708	840003123611497						
ST ZEBRA 60292	840003010364039						
ST ZMANNER 22380	USA 71831273						
ST ZMANNER 52704	840003010351296						3
ST-JACOB AFTRSHCK AMELIA-ET	USA 70280345						
ST-JACOB ALEXANDER HALIA-ET	USA 70074459						3
ST-JACOB ATTITUDE VAL-RED	USA 141972239						
ST-JACOB ATWOOD ABRIL-ET	USA 71004325						
ST-JACOB ATWOOD ADRIA-ET	USA 71004326						
ST-JACOB ATWOOD ADRIANNE-ET	USA 71004331						
ST-JACOB ATWOOD ALAURA-ET	USA 71004329						
ST-JACOB ATWOOD ALYCE-ET	USA 71004330						
ST-JACOB BOLTON ANGLE-ET	USA 71004316						
ST-JACOB BRAZZLE EDEN-ET	840003127934946						
ST-JACOB BRAZZLE ELSA-ET	840003127934943						1
ST-JACOB BRAZZLE EMMY-ET	840003127934939						
ST-JACOB BRAZZLE HADLEE-ET	840003125613774						3
ST-JACOB BRING IT ON	USA 73772085						
ST-JACOB CHELIOS CHANNING	840003013295065						
ST-JACOB DESTRY ABRIELLE-ET	USA 71004341						1
ST-JACOB DESTRY ADALIA-ET	USA 71004336						
ST-JACOB DESTRY ALANNA-ET	USA 71004338						1
ST-JACOB DESTRY ALETTA-ET	USA 71004332						1
ST-JACOB DESTRY ANYA-ET	USA 71004337						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST-JACOB DESTRY HARMONY-ET	USA 70074447						3
ST-JACOB DESTRY HEIDI-ET	USA 70074444						3
ST-JACOB DESTRY HONEY-ET	USA 70074446						
ST-JACOB DURCHAN HALEIWA-ET	USA 70074451						
ST-JACOB GLDWN HELENA-ETS	USA 70074465						3
ST-JACOB GLDWYN HELEN-ETS	USA 70074464						3
ST-JACOB GOLDWYN AIMEE-ET	USA 71004351						1
ST-JACOB GOLDWYN ASHLYN-ET	USA 70280382						1
ST-JACOB GOLDWYN HALEY-ET	USA 70074440						
ST-JACOB GOLDWYN HAYLEE-ET	USA 70074441						
ST-JACOB GOLDWYN HAZIE-ET	USA 70074466						3
ST-JACOB LENNON HEZ-ET	840003127934938						3
ST-JACOB MAXWELL DEE-RED-ET	USA 142278431						3
ST-JACOB PERSEUS ASHLYN-ET	USA 71004345						
ST-JACOB SANCHEZ HOLLAND-ET	USA 70074455						
ST-JACOB STMTIC ADRIENNE-ET	USA 71004324						1
ST-JACOB STORMATIC ADA-ET	USA 71004318						1
ST-M DEL MULBERRY	840003129103949						
ST-M DORCY MAKANA	USA 72373850						
ST-M EPIC MARCELLA-ET	USA 72292075						
ST-M EPIC MINT-ET	USA 70721147						
ST-M EPIC MORGAN-ET	USA 70721148						
ST-M IOTA MALLORY2	USA 72373844						
ST-M OAK MADONNA-ET	USA 72373792						
ST-M OAK MANGO-ET	USA 72373801						
ST-M OAK MAPLE-ET	USA 72373795						
ST-M OAK MARCY-ET	USA 72373794						
ST-M OAK MAYBELLE-ET	USA 72373791						
ST-M OAK MILEY-ET	USA 72373798						
ST-M ST MAYLING-ET	USA 70721158						
ST-M STERLING MARGE	USA 72292095						
ST-M STERLING MARGO-ET	USA 70721159						
ST-M STERLING MINDY-ET	USA 72292096						
ST-PA AMAZE 59424	840003010363171						3
ST-PA BENHART 59270-TW	840003010363017						
ST-PA BENHART 59354	840003010363101						
ST-PA BENHART 59360	840003010363107						
ST-PA BENHART 59364	840003010363111						
ST-PA BENHART 59365	840003010363112						
ST-PA BENHART 59379	840003010363126						
ST-PA BIG HOUSE 2516	840003010651263						
ST-PA CADET 2418	840003010651165						
ST-PA CRAVING 2409	840003010651156						
ST-PA DENIM 59282	840003010363029						
ST-PA DIAMOND 59287	840003010363034						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
ST-PA DYLAN 2463	840003010651210						
ST-PA EMBLEM 2705	840003010651452						
ST-PA EMPHASIS 59355	840003010363102						
ST-PA EMPHASIS 59366	840003010363113				C		3
ST-PA FLAWLESS 59344	840003010363091						
ST-PA GABLES 2501	840003010651248						3
ST-PA INCHARGE 2443	840003010651190						
ST-PA JAKE 59308	840003010363055						
ST-PA JENKINS 2545	840003010651292						
ST-PA JUPITER 59350	840003010363097			C			
ST-PA JUPITER 59398	840003010363145						
ST-PA KARIM 59276	840003010363023						
ST-PA MAGNETO 59302	840003010363049						
ST-PA MICHELOB 2648	840003010651395						
ST-PA MICKEY 59321	840003010363068						
ST-PA MICKEY 59346	840003010363093						
ST-PA MOJITO 59341	840003010363088						
ST-PA MOJITO 59361	840003010363108						
ST-PA PLATO 59348	840003010363095						
ST-PA PRANCE 2432	840003010651179						
ST-PA REMOTE 59417	840003010363164						
ST-PA SACHO 59371	840003010363118						
ST-PA SANA 2435	840003010651182						
ST-PA TALENTI-RED 2504	840003010651251						
ST-YLE-SA JUMPN4JOY-RED-ET	USA 139758889						1
STADE ALCHEMY ADDISON-ET	USA 142214284						3
STADE ALCHEMY ARRIEL-ETS	USA 142214266						
STADE ALCHEMY AUTUMN-ETS	USA 142214293						3
STADE ALEXANDER EXPEDIA-ET	USA 141333667						1
STADE SID EXCEPTIONAL-ET	USA 142027231						
STAKA LEONID LYNN-RED	USA 170098461						
STAKA PICOLO RUDY-RED	USA 172326025						
STAMEYS BUD 331	840003009414071						
STAMEYS CAPRICORN 1225	840003013073748	C					
STAMEYS CLAYBORN 1233	840003013073756						
STAMEYS DION 1224	840003013073747						
STAMEYS GOOSTER 1244	840003013073767						
STAMEYS MANIFOLD 203	840003009414029						
STAMEYS PATCH 1200	840003013073723						
STAMEYS ZEBRA 1240	840003013073763						
STAN-HOL RACER 8288	840003126626062						
STAN-MAR-DALE ACE VALENE	USA 142455366						1
STAN-MAR-DALE BRITNEY	USA 142498433						1
STANBRO MEGAN-ET	CAN 7520925						
STANHOPE LEAH GOLDWYN-ET	CAN 8919510						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANHOPE LISSY EVOLVE	CAN 9951407						
STANHOPE PROMISE JORDAN	CAN 8919541						
STANHOPE ROY GLADYS	CAN 7969505						
STANTON HOLLOW BEACON 3966	USA 72766175					C	
STANTON HOLLOW BEACON 3975	USA 72766184						
STANTON HOLLOW BEACON 3982-TW	USA 72766191						
STANTON HOLLOW BEACON 3983-TW	USA 72766192						
STANTON HOLLOW BOLIVER 3990	USA 72766199						
STANTON HOLLOW GERARD 3972	USA 72766181						
STANTON HOLLOW STEWART 4055	840003015017893						
STANTON LOT OF NUMBERS-ET	840003123885815						
STANTON-VALLEY 4118	840003015017956						
STANTON-VALLEY 4143	840003015017981			C			
STANTON-VALLEY 4224	840003015018062						
STANTON-VALLEY 4261	840003015018099						
STANTON-VALLEY 4271	840003015018109						
STANTON-VALLEY ABRAHAM 3456	USA 71663117						
STANTON-VALLEY ALMOND 3616	USA 72124815					C	
STANTON-VALLEY ANTRIM 4289	840003015018127						
STANTON-VALLEY ARMANI 4318	840003015018156						
STANTON-VALLEY ARMANI 4326	840003015018164						
STANTON-VALLEY ARMANI 4364	840003015018202						
STANTON-VALLEY ARMANI 4370	840003015018208						
STANTON-VALLEY ARMANI 4377	840003015018215						
STANTON-VALLEY ARTHUR 4019	840003015017857						
STANTON-VALLEY ARTHUR 4023	840003015017861						
STANTON-VALLEY ARTHUR 4030	840003015017868	C					
STANTON-VALLEY B0WIE 4123	840003015017961						
STANTON-VALLEY BEACON 3869	USA 72766078						
STANTON-VALLEY BEACON 3880	USA 72766089					C	
STANTON-VALLEY BEACON 3909	USA 72766118					C	
STANTON-VALLEY BEACON 3932	USA 72766141					C	
STANTON-VALLEY BEACON 3933	USA 72766142					C	
STANTON-VALLEY BEACON 3951	USA 72766160						
STANTON-VALLEY BEACON 4006	840003015017844					C	
STANTON-VALLEY BGOOD 4656	840003130003769						
STANTON-VALLEY BLVR 3930-TW	USA 72766139						
STANTON-VALLEY BLVR 3931-TW	USA 72766140						
STANTON-VALLEY BOLIVER 3922	USA 72766131						
STANTON-VALLEY BOLIVER 3962	USA 72766171						
STANTON-VALLEY BOLIVER 3978	USA 72766187						
STANTON-VALLEY BOLIVER 3979	USA 72766188						
STANTON-VALLEY BOWIE 4116	840003015017954						
STANTON-VALLEY BOWIE 4122	840003015017960						
STANTON-VALLEY BOWIE 4130	840003015017968						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTON-VALLEY BOWIE 4161	840003015017999						
STANTON-VALLEY BOWIE 4165	840003015018003						
STANTON-VALLEY BRLK 4430-TW	840003015018268						
STANTON-VALLEY BURLOAK 4302	840003015018140						
STANTON-VALLEY BURLOAK 4330	840003015018168						
STANTON-VALLEY BURLOAK 4366	840003015018204						
STANTON-VALLEY CR 4663	840003130003776						
STANTON-VALLEY CR 4664	840003130003777						
STANTON-VALLEY CRI 3700	USA 72765909						
STANTON-VALLEY DETAIL 4743	840003130003856						
STANTON-VALLEY DOBERMN 3767	USA 72765976						
STANTON-VALLEY DOBERMN 3877	USA 72766086						
STANTON-VALLEY DOBRMAN 3971	USA 72766180						
STANTON-VALLEY DOBRMAN 3976	USA 72766185						
STANTON-VALLEY DOBRMAN 4024	840003015017862						
STANTON-VALLEY DOBRMAN 4031	840003015017869						
STANTON-VALLEY DOM 4064	840003015017902						
STANTON-VALLEY DOM 4147	840003015017985						
STANTON-VALLEY DOM 4180	840003015018018						
STANTON-VALLEY DOVER 4011	840003015017849						
STANTON-VALLEY DUSK 3604	USA 72124803						
STANTON-VALLEY EMBASSY 4474	840003015018312						
STANTON-VALLEY EVERGLA 3607	USA 72124806						
STANTON-VALLEY FENWICK 4365	840003015018203						
STANTON-VALLEY GARRETT 3745	USA 72765954						
STANTON-VALLEY GARRETT 3864	USA 72766073						
STANTON-VALLEY GARRETT 3870	USA 72766079						
STANTON-VALLEY GARRETT 3873	USA 72766082						
STANTON-VALLEY GARRETT 3894	USA 72766103						
STANTON-VALLEY GARRETT 3919	USA 72766128						
STANTON-VALLEY GARRETT 3937	USA 72766146						
STANTON-VALLEY GARRETT 3938	USA 72766147						
STANTON-VALLEY GARRETT 3945	USA 72766154						
STANTON-VALLEY GARRETT 3949	USA 72766158						
STANTON-VALLEY GARRETT 3952	USA 72766161						
STANTON-VALLEY GARRETT 3967	USA 72766176						
STANTON-VALLEY GARRETT 3969	USA 72766178						
STANTON-VALLEY GARRETT 3984	USA 72766193						
STANTON-VALLEY GARRETT 4009	840003015017847						
STANTON-VALLEY GENTRY 3583	USA 72124782						
STANTON-VALLEY GERARD 3886	USA 72766095						
STANTON-VALLEY GERARD 3896	USA 72766105						
STANTON-VALLEY GERARD 3925	USA 72766134						
STANTON-VALLEY GERARD 3940	USA 72766149						
STANTON-VALLEY GERARD 3974	USA 72766183						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTON-VALLEY GERARD 3980	USA 72766189						
STANTON-VALLEY GERARD 3988	USA 72766197						
STANTON-VALLEY GERARD 4002	840003015017840						
STANTON-VALLEY GERARD 4027	840003015017865						
STANTON-VALLEY GERARD 4037	840003015017875						
STANTON-VALLEY GERARD 4040	840003015017878						
STANTON-VALLEY JACKMAN 4281	840003015018119						
STANTON-VALLEY JAMAR 3609	USA 72124808	C					
STANTON-VALLEY JOCK 3559	USA 72124758			C			
STANTON-VALLEY JOHNSON 4184	840003015018022			C			
STANTON-VALLEY JULY 3874	USA 72766083						
STANTON-VALLEY JULY 3879	USA 72766088						
STANTON-VALLEY JULY 3889	USA 72766098						3
STANTON-VALLEY JULY 4012-TW	840003015017850						
STANTON-VALLEY JULY 4013-TW	840003015017851						
STANTON-VALLEY JULY 4050	840003015017888						
STANTON-VALLEY KADO 4828	840003130003941						
STANTON-VALLEY KARSTN 3716	USA 72765925					C	
STANTON-VALLEY KASEY-P 3541	USA 72124740						
STANTON-VALLEY KASEY-P 3563	USA 72124762						
STANTON-VALLEY LEAF 4789	840003130003902						
STANTON-VALLEY LEAF 4817	840003130003930						
STANTON-VALLEY LEVI 3996	USA 72766205						
STANTON-VALLEY LEVI 4038	840003015017876			C			
STANTON-VALLEY NETBOOK 4213	840003015018051						
STANTON-VALLEY ONESHOT 3903	USA 72766112			C			
STANTON-VALLEY ONESHOT 3965	USA 72766174			C			
STANTON-VALLEY ONESHOT 3973	USA 72766182						
STANTON-VALLEY ONESHOT 3986	USA 72766195			C			
STANTON-VALLEY ONESHOT 3999	USA 72766208	C		C			
STANTON-VALLEY PITA 4662	840003130003775						
STANTON-VALLEY PITA 4699	840003130003812						
STANTON-VALLEY PITA 4726	840003130003839						
STANTON-VALLEY PITA 4756	840003130003869						
STANTON-VALLEY PITA 4768	840003130003881						
STANTON-VALLEY PITA 4806	840003130003919						
STANTON-VALLEY PITA 4835	840003130003948						
STANTON-VALLEY PITA 4836	840003130003949						
STANTON-VALLEY PLANO 4197	840003015018035						
STANTON-VALLEY PLANO 4309	840003015018147		C				
STANTON-VALLEY RAY 4298	840003015018136						
STANTON-VALLEY ROBLE 4788	840003130003901						
STANTON-VALLEY ROBLE 4791	840003130003904						
STANTON-VALLEY ROBLE 4800	840003130003913						
STANTON-VALLEY ROCKMAN 4672	840003130003785						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTON-VALLEY ROCKMAN 4682	840003130003795						
STANTON-VALLEY ROCKMAN 4701	840003130003814						
STANTON-VALLEY ROCKMAN 4710	840003130003823						
STANTON-VALLEY ROCKMAN 4711	840003130003824						
STANTON-VALLEY ROCKMAN 4763	840003130003876			C			
STANTON-VALLEY ROCKMAN 4777	840003130003890						
STANTON-VALLEY ROCKMAN 4787	840003130003900						
STANTON-VALLEY ROCKMAN 4820	840003130003933			C			
STANTON-VALLEY SASON 3693	USA 72124892						3
STANTON-VALLEY SASON 3696	USA 72124895						
STANTON-VALLEY SEDARA 4205	840003015018043						
STANTON-VALLEY SEDARA 4211	840003015018049						
STANTON-VALLEY SEDARA 4274	840003015018112						
STANTON-VALLEY SEDARA 4795	840003130003908						
STANTON-VALLEY SEDARO 4196	840003015018034						
STANTON-VALLEY SHOUT 3883	USA 72766092						
STANTON-VALLEY SHOUT 3981	USA 72766190						
STANTON-VALLEY SHOUT 3992	USA 72766201						
STANTON-VALLEY SHOUT 3995	USA 72766204						
STANTON-VALLEY SHOUT 3998	USA 72766207						
STANTON-VALLEY SHOUT 4010	840003015017848						
STANTON-VALLEY SHOUT 4015	840003015017853						
STANTON-VALLEY SOBIESK 3535	USA 72124734						
STANTON-VALLEY SOBIESK 3564	USA 72124763						
STANTON-VALLEY SOBIESK 3566	USA 72124765			C			
STANTON-VALLEY SPRING 4670	840003130003783						
STANTON-VALLEY SPRING 4706	840003130003819						
STANTON-VALLEY SPRING 4712	840003130003825						
STANTON-VALLEY SPRING 4715	840003130003828						
STANTON-VALLEY SPRING 4736	840003130003849						
STANTON-VALLEY SPRING 4769	840003130003882						
STANTON-VALLEY SPRING 4781	840003130003894						
STANTON-VALLEY SPRING 4811	840003130003924						
STANTON-VALLEY SPRING 4816	840003130003929						
STANTON-VALLEY SPRING 4825	840003130003938						
STANTON-VALLEY SPRING 4830	840003130003943						
STANTON-VALLEY STEWART 4049	840003015017887						
STANTON-VALLEY STEWART 4057	840003015017895						
STANTON-VALLEY STEWART 4061	840003015017899						
STANTON-VALLEY STEWART 4073	840003015017911						
STANTON-VALLEY STEWART 4075	840003015017913						
STANTON-VALLEY STEWART 4090	840003015017928		C				
STANTON-VALLEY STEWART 4127	840003015017965						
STANTON-VALLEY STEWART 4140	840003015017978						
STANTON-VALLEY STEWART 4142	840003015017980						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTON-VALLEY STEWART 4148	840003015017986						
STANTON-VALLEY STEWART 4153	840003015017991						
STANTON-VALLEY STEWART 4160	840003015017998						
STANTON-VALLEY STEWART 4171	840003015018009						
STANTON-VALLEY STEWART 4187	840003015018025						
STANTON-VALLEY TERRA 4323	840003015018161						
STANTON-VALLEY TERRA 4344	840003015018182						
STANTON-VALLEY TERRA 4375	840003015018213						
STANTON-VALLEY TERRA 4473	840003015018311						
STANTON-VALLEY TRAFFIC 4476	840003015018314						
STANTON-VALLEY TUCK 3594	USA 72124793						
STANTON-VALLEY TYSON 4048	840003015017886					C	
STANTON-VALLEY TYSON 4053	840003015017891						
STANTON-VALLEY TYSON 4069	840003015017907						
STANTON-VALLEY TYSON 4114	840003015017952						
STANTON-VALLEY TYSON 4156	840003015017994						
STANTON-VALLEY TYSON 4167	840003015018005					C	
STANTON-VALLEY TYSON 4178	840003015018016					C	
STANTON-VALLEY TYSON 4192	840003015018030						
STANTON-VALLEY UNESCO 4151	840003015017989						
STANTON-VALLEY UNESCO 4166	840003015018004						
STANTON-VALLEY UNESCO 4173	840003015018011						
STANTON-VALLEY WILTON 3652	USA 72124851					C	
STANTON-VALLEY YANO 3551	USA 72124750						
STANTON-VALLEY YUNGLNG 3619	USA 72124818						
STANTON-VALLEY ZITAU 3646	USA 72124845						
STANTON-VALLEY ZITAU 3655	USA 72124854						
STANTONS 1ST COCKTAIL-ET	840003128364978						
STANTONS 1ST CONNECTION-ET	840003127943780						
STANTONS ALCHEMY EA ELOPED-ET	CAN 11537292						1
STANTONS ALCHEMY VIEW-ET	CAN 11420335						1
STANTONS ALEXANDER LITA-ET	CAN 11084004						
STANTONS ANTON CHRISTY-ET	CAN 108798880						
STANTONS ANTON CLASSIC-ET	CAN 108798861						
STANTONS ANTON EAGLE-ET	840003123600914						
STANTONS BALISTO NACHT-ET	CAN 108881870						
STANTONS BE KINSLEY-ET	840003128364992						
STANTONS BEE ABLE-ET	840003130641629						
STANTONS BEE DAISY-ET	840003133371418						
STANTONS BEE DECENT-ET	840003133370876						
STANTONS BEE DELIGHTFUL-ET	840003130641425						1
STANTONS BEE DELTA-ET	840003133371410						
STANTONS BEE DESIRED-ET	840003133371142						
STANTONS BEE DISTANT-ET	840003130641465						
STANTONS BEE DOMINATE-ET	840003130641547						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS BEE DRAMATIC-ET	840003130641549						
STANTONS BEE HIGHER-ET	840003128769248						
STANTONS BEE HIGHEST-ET	840003128769098						
STANTONS BEE HIVE-ET	840003129016333						
STANTONS BEE KIND-ET	840003128364972						
STANTONS BEE KRAZY-ET	840003128364967						
STANTONS BEE MOLLY-ET	840003127943802						
STANTONS BEE MY NUMBER-ET	840003129016340						
STANTONS BEE PATIENT-ET	840003129016209						
STANTONS BEE PERSONABLE-ET	840003129016065						
STANTONS BEE PLAYFUL-ET	840003129016110						
STANTONS BEE PROMOTED-ET	840003129016060						
STANTONS BEE REAL-ET	840003133371269						
STANTONS BEE SARAH-ET	840003130641667						
STANTONS BEE SAVED-ET	840003130641419						
STANTONS BEE SILLY-ET	840003130641838						
STANTONS BEE SOLITAIRE-ET	840003130641527						
STANTONS BEE SOMETHING-ET	840003129016445						
STANTONS BOLTON BLAZE-ET	CAN 9530513						
STANTONS BOLTON MARGE	CAN 9649765						
STANTONS BOOKEM EPIDEMIC-ET	CAN 11230762						
STANTONS BRONCO EXOTIC-ET	CAN 11230602			C			
STANTONS BRONCO EXPECT-ET	CAN 11230601			C			
STANTONS C PAINT-ET	840003129016043						
STANTONS C PATTI-ET	840003129016252						
STANTONS C PERFECTION-ET	840003129016118						
STANTONS C PLAY 1-TW-ET	840003129016071						
STANTONS C PRINT-ET	840003129016066						
STANTONS CALGARY PARADE-ET	840003129016086						
STANTONS CALL SOMEBODY-ET	840003129016421						
STANTONS CALL SOMEONE-ET	840003129016391						
STANTONS CALL THE GAME-ET	840003135087320						
STANTONS CALL THE SHOT-ET	840003129016377						
STANTONS CALL THE SHOTS-ET	840003128769235						
STANTONS CAMARO CONTACT-ET	840003125202025						
STANTONS CAMARO CRYSTAL-ET	840003125202026						
STANTONS CAMARO EMLUNA-ET	840003124584904						
STANTONS CAMARO EMPTY-ET	840003125201932			C			
STANTONS CAMARO EMULATE-ET	840003125201983						
STANTONS CAMARO JOCELYN-ET	840003125201979						
STANTONS CAMARO VALIANT-ET	840003125202120						
STANTONS CAMEO APPEARANCE-ET	CAN 108798859						
STANTONS CAMPING-ET	840003124584943						
STANTONS CAN YOU-ET	840003135087151						
STANTONS CANNON SHOT-ET	840003129016429						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS CAPITAL CITY-ET	840003125613918						
STANTONS CAPITAL CRAYON-ET	840003126218718						
STANTONS CAPITAL DREAMS-ET	840003126218722						
STANTONS CAPITAL E-ET	840003126822653						
STANTONS CAPITAL ELIZA-ET	840003126822707						
STANTONS CAPITAL LETTER-ET	840003126822712						
STANTONS CAREFUL-ET	840003123886086						
STANTONS CASH CALENDAR-ET	840003123885849						1
STANTONS CASUAL EVENT-ET	840003126218791						
STANTONS CATARINA-ET	840003128364984						
STANTONS CATERPILLAR-ET	840003124584880						
STANTONS CG ERIKA-ET	840003126822736						
STANTONS CHANGE CONTENT-ET	840003135087393						
STANTONS CHIPPER MAUI-ET	840003012559847						
STANTONS CHIPPER MOLLY-ET	840003012559816						
STANTONS CHLOE JACKPOT-ET	840003123600726						
STANTONS CLASS VIOLA-ET	840003127943689						
STANTONS CLASSIC DECIDE-ET	840003133371315						
STANTONS CLASSIC DELIGHT-ET	840003133371197						
STANTONS CLASSIC ENDING-ET	840003125613889						
STANTONS CLASSIC SOUNDS-ET	840003133371200						
STANTONS CLASSIC TALE-ET	840003133371073						
STANTONS CLASSIC VIOLIN-ET	840003127943851					C	
STANTONS CLASSY-ET	840003127943667						
STANTONS CLIMB HIGH-ET	840003128769190						
STANTONS COIN EBONEE-ET	CAN 11872620						1
STANTONS COIN MOOLA-ET	840003012559729						
STANTONS COIN MOXIE-ET	840003012559762						1
STANTONS COMPELLING-ET	840003125201967						
STANTONS CONVINCED-ET	840003128364985						
STANTONS COOLER-ET	840003124584828						
STANTONS COUNTRY GIRL-ET	840003125201929						
STANTONS CRACKER-ET	840003125201965						
STANTONS CRAZY 4 CAMARO-ET	840003124584901						
STANTONS CRAZY EIGHTS-ET	840003126218606						
STANTONS CRAZY MYSTERY-ET	840003127943720						
STANTONS CRAZY PARADIGM-ET	840003129016017						
STANTONS CRAZY PARTY-ET	840003129016132						
STANTONS CRIMSON-ET	840003124584962						
STANTONS CRUISING-ET	840003128769265						
STANTONS D ALL RIGHT-ET	840003133371364						
STANTONS DANCE FOR CASH-ET	840003014334795						
STANTONS DANI DELICIOUS-ET	840003130641515						
STANTONS DANICA DEAL-ET	840003130641520						
STANTONS DANICA DECISION-ET	840003130641493						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS DANICA DELIGHT-ET	840003130641517						
STANTONS DARE TO DREAM-ET	840003126822744						
STANTONS DAY DANICA	CAN 11696395						
STANTONS DELTA APPROVED-ET	840003133371271						
STANTONS DELTA DARE-ET	840003133371339						
STANTONS DELTA DELIVERS-ET	840003133370894						
STANTONS DELTA DOLLY-ET	840003133370861						
STANTONS DIAMOND OCTAGON-ET	840003128769246					C	
STANTONS DO RESEARCH-ET	840003133370969						
STANTONS DOES APPEAR-ET	840003133371240						
STANTONS DONT BEE DOWN-ET	840003133371171						
STANTONS DONT DENY-ET	840003133370871						
STANTONS DONT SPEAK-ET	840003129016451					C	
STANTONS DREAM OF LOTTO-ET	840003127943808						
STANTONS DREAMER-ET	840003123600756						
STANTONS E KIERA-ET	840003127943741						
STANTONS E KINGDOM-ET	840003127943716						
STANTONS E SATISFACTION-ET	840003133371344						
STANTONS EASILY KING-ET	840003129015938						
STANTONS EASY DECISION-ET	840003133371367						
STANTONS EASY GAME-ET	840003135087373						
STANTONS EMAZING GAME-ET	840003135087391						
STANTONS ENOUGH SAID-ET	840003133371129						
STANTONS ENTER KINGDOM-ET	840003127943804						
STANTONS ENYA HALO-ET	840003123886015						
STANTONS ENYA JAMMITY-ET	840003123600911						
STANTONS EPIC CHLOE-ET	CAN 11420208						
STANTONS EVEN OUT-ET	840003126218676						
STANTONS EYB KENZIE-ET	840003130641762						
STANTONS FIRST DANCE P-ET	840003014335019						
STANTONS FREDDIE CAMEO	CAN 11083913						
STANTONS GAIN A DIAMOND-ET	840003126218601						
STANTONS GAIN ELISE-ET	840003126822730						
STANTONS GAIN EVAPORATE-ET	840003126822760						
STANTONS GAIN EVITE-ET	840003126822681						
STANTONS GAIN VIVIAN-ET	840003126822665					C	
STANTONS GET DANCING-ET	840003126218762						
STANTONS GET GOING-ET	840003126822844						
STANTONS GOLD MAYBE	USA 137310162						
STANTONS GOLDEN DANCER P-ET	840003014334910						
STANTONS GOLDEN SHERICE-ET	CAN 7744851						
STANTONS GOLDWYN SOUP-ET	CAN 7980819						1
STANTONS GREAT CAPTION-ET	840003126822763						
STANTONS GREAT COLOUR-ET	840003126218637						
STANTONS GREAT DREAM-ET	840003126218778						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS GREAT GAME-ET	840003126822720						
STANTONS GREAT M CAPTION-ET	840003126822739						
STANTONS GREAT MARTINI-ET	840003125613770						
STANTONS HAPPENING-ET	840003128769216						
STANTONS HAPPY DANCE-ET	840003123886055						
STANTONS HAVE A BEER-ET	840003129016407						
STANTONS HIGH CAREER-ET	840003128769188						
STANTONS HIGH HIT-ET	840003128769250						
STANTONS JABIR CALE-ET	840003124584720						
STANTONS JABIR CALLIE-ET	840003125201949						
STANTONS JABIR COLLECT-ET	840003124584723						
STANTONS JABIR DREAM-ET	840003124584725						
STANTONS JABIR JESSE-ET	840003124584726						
STANTONS JABIR JESSILYN-ET	840003125201964						
STANTONS JABIR LILY-ET	840003124584987						
STANTONS JABIR LOTTO-ET	840003124584728					C	
STANTONS JABIR QUILT-ET	840003124584851						
STANTONS JACEY EAST-ET	CAN 11872741						
STANTONS JACEY QUEEN-ET	840003123886083						
STANTONS JUICE PLEASE-ET	840003129016074						
STANTONS JUNIOR EVENT-ET	840003124584949						
STANTONS JUST DANCE-ET	840003125202008						
STANTONS JUST DESSERTS-ET	840003130641548						1
STANTONS JUST DETAINED-ET	840003130641426						1
STANTONS JUST DO IT-ET	840003130641429						
STANTONS JUST DOING-ET	840003130641442						
STANTONS JUST KICK IT-ET	840003130641740						
STANTONS JUST MAINTAIN-ET	840003124584934						
STANTONS JUST PAID-ET	840003129016224						
STANTONS JUST PATIENCE-ET	840003129016063						
STANTONS JUST PEACHY-ET	840003129016207						
STANTONS JUST PLAY BALL-ET	840003129016168						
STANTONS JUST REASON-ET	840003130641483						
STANTONS JUST ROCKIN-ET	840003130641860						
STANTONS JUST ROLLING-ET	840003130641453						
STANTONS JUST SAY IT-ET	840003130641457						
STANTONS JUST YELLOW-ET	840003130641690						
STANTONS KB DANICA-ET	840003129016201						
STANTONS KB EASY-ET	840003127943799						
STANTONS KB ELEVATE-ET	840003127943801						
STANTONS KB ERIKA-ET	840003127943719						
STANTONS KENNEDY-ET	840003128364998						
STANTONS KENZIE-ET	840003128364994						
STANTONS KING VI-ET	840003125613926						
STANTONS KISS CAM-ET	840003129016298						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS KITTEN-ET	840003128364997						
STANTONS KITTY-ET	840003128364986						
STANTONS LABRON DANCE-ET	840003125202093						
STANTONS LABRON DREAMY-ET	840003124584696						
STANTONS LARGE DREAMER-ET	840003123600684						
STANTONS LAST JABIR-ET	840003125202014						
STANTONS LAST PARADOX-ET	840003129016072						
STANTONS LAST SECOND WIN-ET	840003128769205					C	
STANTONS LASTING MEMORY-ET	840003125613793						
STANTONS LIVING LARGE-ET	840003125202020						
STANTONS LONG EMPATHY-ET	840003123885873						
STANTONS LONG ERRAND-ET	840003123885943						
STANTONS LOT OF DREAMS-ET	840003124584968						
STANTONS LOT OF ENERGY-ET	840003123885941						
STANTONS LOT OF GAIN-ET	840003126218614					C	
STANTONS LOT TO PROVE-ET	840003129016093						
STANTONS LOVE TO DREAM-ET	840003125202019						
STANTONS LUCKY CAMEO-ET	CAN 7980741						
STANTONS LYZA P-ET	840003129016055						
STANTONS MAIN CAMEO-ET	840003126822790						
STANTONS MAIN CASE-ET	840003125613738						
STANTONS MAIN CLASSROOM-ET	840003126822709						
STANTONS MAIN COLLECTION-ET	840003125613863						
STANTONS MAIN COMFORT-ET	840003126822752						
STANTONS MAIN CONTACT-ET	840003124584936						
STANTONS MAIN DIMPLE-ET	840003125613746						
STANTONS MAIN E CAMEO-ET	840003126822685						
STANTONS MAIN ENTRANCE-ET	840003124584945						
STANTONS MAIN JESSIE-ET	840003124584944						
STANTONS MAIN LIGHTING-ET	840003125613924						
STANTONS MAIN LIST-ET	840003124584939						
STANTONS MAIN MS LIST-ET	840003125613913					C	
STANTONS MAJOR DIAMOND-ET	840003128769239					C	
STANTONS MANEUVER-ET	840003127943708						
STANTONS MANOMAN EASTER-ETS	CAN 10978041						
STANTONS MANOMAN EZRA-ET	CAN 10977958						
STANTONS MARDI GRAS-ET	840003126822805						
STANTONS MARINARA-ET	840003127943757						
STANTONS MAYFIELD DREAM-ET	CAN 11537369						
STANTONS MCCUTCH 1174 AGREE-ET	CAN 11696367						
STANTONS MCCUTCHEN CREAM-ET	CAN 11696369						
STANTONS MINI MARIBEL-ET	840003126218792						
STANTONS MISS CALGARY-ET	840003127943726						
STANTONS MISS CLARICE-ET	840003128769276						
STANTONS MOGUL CINDY-ET	CAN 11537368						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS MOGUL ELOISE-ET	CAN 11537575						
STANTONS MOGUL ERIKA-ET	CAN 11537370						
STANTONS MOGUL EVAPORATER-ET	CAN 11537363						
STANTONS MOGUL JESSICA-ET	CAN 11537367						
STANTONS MONIQUE-ET	840003127943705						
STANTONS MONT DEBUTANTE-ET	840003130641944						
STANTONS MORGAN MAIRA-ET	840003012560091					C	
STANTONS MOST CAREFUL-ET	840003125613919						
STANTONS MOST ELEGANT-ET	840003127943722						
STANTONS MOVIE LEGEND-ET	840003126218774						
STANTONS MS BEE PLAYFUL-ET	840003129016068						
STANTONS MS DONT SPEAK-ET	840003130641499						
STANTONS MUST BELIEVE-ET	840003128769183						
STANTONS MUST CALL-ET	840003126218788						
STANTONS NIAGRA ENTICE-ET	CAN 11230553						
STANTONS OBSERVER EA FRENZY-ET	CAN 11230715						
STANTONS OBSERVER EXPOSE-ET	CAN 11230600						
STANTONS OBSERVER EXTRA-ET	CAN 11230597						
STANTONS OBSERVER EXTREME-ET	CAN 11230598						
STANTONS OCTANE CALLER-ET	840003128769180						
STANTONS OCTANE CLAMATO-ET	840003128769083						
STANTONS OCTANE COLLAGE-ET	840003128769099						
STANTONS OCTAVIA L-ET	840003128769179						
STANTONS ONLY SHE CAN-ET	840003129016399						
STANTONS OUGHT TO C HER-ET	840003129016330						
STANTONS OUT AT MOVIES-ET	840003126822798						
STANTONS OUT FOR EVENTS-ET	840003125613798						
STANTONS OUT FOR GOLD P-ET	840003014334952						
STANTONS OUT FOR NUMERO UNO-ET	CAN 11537301						
STANTONS OUT OF HIDING-ET	840003128769219						
STANTONS PARADE FOR LYZA-ET	840003129016137					C	
STANTONS PB AND J-ET	840003129016105						
STANTONS PB JENNIFER-ET	840003130641725						
STANTONS PEACHES-ET	CAN 7831987					C	
STANTONS PERFECT CAST-ET	840003129016283						
STANTONS PERFECT CHOICE-ET	840003129016140						
STANTONS PERFECTLY CLEAN-ET	840003129016199						
STANTONS PLANET EXETER-ET	CAN 9767085						
STANTONS PRED LACEY-ET	CAN 11872607						
STANTONS PRETTY CLARISE-ET	840003129015902						
STANTONS PRETTY COLOUR-ET	840003129015910						
STANTONS PS EDEN-ET	CAN 9966684					C	
STANTONS PULSAR CRAZE-ET	840003129016083						
STANTONS QUEEN MAIRA-ET	840003124584912						
STANTONS REAL DEAL-ET	840003130641476						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS REAL DOLLARS-ET	840003130641855						
STANTONS REALITY JUNKIE-ET	840003130641543						
STANTONS REALLY JILLY-ET	840003130641480						
STANTONS RIVALRE NINA-ET	USA 66473460					C	
STANTONS RIVALRE P WENDI-ET	USA 66473435						
STANTONS SHAMROCK CITY GIRL-ET	CAN 107535389						
STANTONS SHAMROCK COCO CHANEL	CAN 107535392						
STANTONS SHAMROCK ENERGY-ET	CAN 11420169						
STANTONS SHAMROCK MAIDEN-ET	CAN 11420272						
STANTONS SHAN MIRACLE-ET	840003012560136						
STANTONS SHE APPEARS SHY-ET	840003135087132						
STANTONS SHOTTLE DEBBIE-ET	CAN 7832092						
STANTONS SHOTTLE PET-ET	CAN 7831989						
STANTONS SHOTTLE PRIZE-ET	CAN 7831986					C	
STANTONS SIGN EVERYTHING-ET	840003133371267						
STANTONS SILVER CAREER-ET	840003135087106						
STANTONS SILVER CHAIN-ET	840003135087021						
STANTONS SILVER CROWN-ET	840003129015949						
STANTONS SILVER DOLLAR-ET	840003130641651						
STANTONS SILVER EMOTICON-ET	840003135087137						
STANTONS SILVER EMOTIONS-ET	840003135087134						
STANTONS SILVER FORK-ET	CAN 11230667						1
STANTONS SINGING-ET	840003133370915						
STANTONS SKY HIGH-ET	840003133371340						
STANTONS SO APPEALING-ET	840003133371396						
STANTONS SO BEE IT-ET	840003129015951						
STANTONS SO CAREFUL-ET	840003133371137						
STANTONS SO DEVELOPED-ET	840003130641467						
STANTONS SO EXCITED-ET	840003130642003						
STANTONS SO EXCITING-ET	840003130641999						
STANTONS SO SPECIAL EYB-ET	840003135087107						
STANTONS SOME DATE-ET	840003130641642						
STANTONS SOME DIAMOND-ET	840003130641470						
STANTONS SOME DISTANCE-ET	840003130641828						
STANTONS SOME ESCAPE-ET	840003133370923						
STANTONS SOMETHING CRAZY-ET	840003128769148						
STANTONS SOMETHING ELSE-ET	840003133370938						
STANTONS SOMETHING SUPER-ET	840003129016364						
STANTONS SOUND EFFECT-ET	840003133371161						
STANTONS SPICY CEASER-ET	840003128769135						
STANTONS SPLASH OF COLOR-ET	840003127943816						
STANTONS SPRING JENN-ET	840003130641433						
STANTONS SS APPEAR-ET	840003130641606						
STANTONS SS CUPID-ET	840003129016441						
STANTONS STILL CONNECTED-ET	840003129016423						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STANTONS STILL CRAZY-ET	840003133371316						
STANTONS SUPER AVALANCHE-ET	840003133371254						
STANTONS SUPER BAFFLE-ET	CAN 11084070						
STANTONS SUPER C-ET	840003133371268						
STANTONS SUPER CANDY-ET	840003133371408						
STANTONS SUPER ELDA-ET	CAN 11084001						
STANTONS SUPER LOVE-ET	840003128769149					C	
STANTONS SUPERSIRE EYB-ET	CAN 11696465						
STANTONS TAKE IT EASY-ET	840003133371045						
STANTONS TITANIC LORRAINE-ET	CAN 7520775						1
STANTONS TOTALLY EXTREME-ET	840003133371044						
STANTONS TOY KITTY-ET	CAN 7980858						
STANTONS TRADE ALLEY-ET	840003133371075						
STANTONS UNO ENYA-ET	CAN 11537511						
STANTONS UNO ENYA-ET	CAN 11537611						
STANTONS UNO ERIKA-ET	CAN 11537515						
STANTONS UNO MAGDA-ET	CAN 11696479						
STANTONS WIN SILVERSTICK-ET	840003135087076						
STANTONS WORKOUT UNO-ET	CAN 11537343						
STANTONS YODER DANI-ET	840003130641985						
STANTONS YOU CAN-ET	840003135087036						
STANTONS YOU R CRAZY-ET	840003135087038						
STAR-BAR ADAM ARDIS-ET	USA 136355779						
STAR-BAR ADAM ARDISA-ET	USA 137115534						
STAR-BAR BAXTER MELINDA-ET	USA 65504517						
STAR-BAR BAXTER TINEA-ET	USA 65504515						
STAR-BAR BEST BARB-ET	USA 135765069						
STAR-BAR COLT P AMY-RED	USA 142097940						
STAR-BAR DUKE MARMALADE	840003010390075						
STAR-BAR EXPLODE ECHO-ET	USA 141835879						
STAR-BAR EXPLODE EDITH-ET	USA 141835909						
STAR-BAR EXPLODE ELLEN-ET	USA 141835918						
STAR-BAR GOLDWYN GRACE-ET	USA 140442276						
STAR-BAR MAC MILLIE-ET	USA 138891792						
STAR-BAR OBSERVER OLIVE	USA 141435097						
STAR-BAR OBSERVER OPAL	USA 141835806						
STAR-BAR RAMOS ALIZA-ET	USA 65504553						
STAR-BAR RAMOS RANDI	USA 138230898						
STAR-BAR RAMOS RUTH-ET	USA 140442155						
STAR-BAR SHOTTLE SABA-ET	USA 138249719					C	
STAR-BAR SHOTTLE SALLY-ET	USA 139479010						
STAR-BAR SHOTTLE STACY-ET	USA 140442221					C	
STAR-BAR STRAIT-ET	USA 65695354						1
STAR-MAKER ARMITAGE WINONA	USA 71585443						
STAR-MAKER DORCY WICHITA-ET	USA 71585455			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STAR-MAKER DORCY WINNA-ET	USA 70095554			C		C	
STAR-MAKER DORCY WINNE-ET	USA 70095552						
STAR-ROCK 2763	USA 62074355						
STAR-ROCK AL 9109	USA 73939931						
STAR-ROCK AL 9111	USA 73939933						
STAR-ROCK AL CHRISTIN 8741	USA 73341932						
STAR-ROCK AL DEJAH	USA 73341966						
STAR-ROCK AL HAYL	USA 73341964						
STAR-ROCK AL JORDAN	USA 73076903						
STAR-ROCK AL KAMARYN 8693	USA 73076964						
STAR-ROCK AL REGAN 8724	USA 73341915						
STAR-ROCK ATLANTIC 9108	USA 73939930						
STAR-ROCK ATLANTIC DAYA8703	USA 73341894						
STAR-ROCK ATLANTIC SARE8719	USA 73341910						3
STAR-ROCK ATLNTIC MAGGIE	USA 73341945						
STAR-ROCK ATLNTIC STACY	USA 73341978						
STAR-ROCK ATWOOD 9218-ET	USA 73940040						
STAR-ROCK BEACON JESSICAANN	USA 72446067						
STAR-ROCK BRADNICK TABRIA	USA 73341936						
STAR-ROCK BRENDAL LILIB8727	USA 73341918						3
STAR-ROCK BRENDAL SYDN 8649	USA 73076920						
STAR-ROCK BRENDL XOCHILT	USA 73341960	C				C	
STAR-ROCK CHELIOS 9058	USA 73597728						
STAR-ROCK CHELIOS KIELE-RED	USA 73341985	C					
STAR-ROCK COLBY 4734	USA 65747490						
STAR-ROCK DEMPSEY LANASIA	USA 72198563						
STAR-ROCK DORCY ERNEST 9020	USA 73597690						
STAR-ROCK DUSK 6455-ET	USA 70176176						1
STAR-ROCK GABOR 6439	USA 70176160						
STAR-ROCK GAMEDAY ATHZIRI	USA 73341929					C	
STAR-ROCK GAMEDAY KARSON	USA 73341973						
STAR-ROCK GAMEDAY MICKECIA	USA 73341939					C	
STAR-ROCK GAMEDY JAMILA	USA 73341925						
STAR-ROCK GOLDWYN 4869-ET	USA 66161803						
STAR-ROCK JEEVES 5594	USA 68650985						
STAR-ROCK JEEVES 5697	USA 68963331						
STAR-ROCK OUTSIDE 2088	USA 61173284		C				
STAR-ROCK P MARTY 9112	USA 73939934					C	
STAR-ROCK PHNIX MALAYSIA-ET	USA 70397793			C			3
STAR-ROCK RED-MARK 3669-ET	USA 63109524						
STAR-ROCK RICHMAN EMAGE	USA 72198401						
STAR-ROCK RICHMAN MEAB	USA 71953609						
STAR-ROCK ROY 2585	USA 61950040						
STAR-ROCK ROY 2818	USA 62074410						
STAR-ROCK ROY 3928	USA 63444836						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STAR-ROCK ROY 4786	USA 65747542						
STAR-ROCK SHAIANN 8725	USA 73341916						
STAR-ROCK SHOT SARAH	USA 71953674			C			
STAR-ROCK STORM SHONNA-ET	USA 72445930						1
STAR-ROCK TALENT 3870-ET	USA 63444778						
STAR-SUMMIT ADVENT SAS	USA 138551742						
STAR-SUMMIT AFSHCK BLISS-ET	840003010632003						
STAR-SUMMIT ATLAS BEAUTY-ET	USA 140575907						
STAR-SUMMIT C O SOPHIE-ET	USA 136956907		C				
STAR-SUMMIT DURHAM BUGS	USA 133620306						
STAR-SUMMIT ELITE BUGSY-ET	USA 141178505						
STAR-SUMMIT FEVERLICIOUS-ET	USA 142219850			C			
STAR-SUMMIT GCHIP BIANCA-ET	USA 72668899						
STAR-SUMMIT JASPER SAWYER	USA 139810716						
STAR-SUMMIT LEE STACEY-ET	USA 135583513						
STAR-SUMMIT S S RHONDA-RED	USA 140246085						
STAR-SUMMIT SANCHEZ BELL-TW	USA 140893568						
STAR-SUMMIT SHOTTLE SANDY	USA 140300660						
STAR-VALLEY AFBURN 6702-RED	840003011867650						
STAR-VALLEY THRN MONSOON-ET	USA 137583751						
STARDALE LEADER ROXY PI	GBR 9653813						
STARDELL ALRIGHT DICEY-ET	USA 73620524						
STARDELL ALTAOAK DAISY-ET	USA 72569401						
STARDELL ALTAOAK DARLING-ET	USA 72569409						
STARDELL ALTAOAK DESIREE-ET	USA 72569353						
STARDELL ALTAOAK DIAMOND-ET	USA 72569356						
STARDELL ALTAOAK DIMPLE-ET	USA 72569403						
STARDELL CHEVROLET DINGY-ET	USA 73620508						
STARDELL GODIVA MG 31308-ET	840003126775313						
STARDELL JIVES BLINKY	USA 72569418						
STARDELL KINGBOY GALILEE-ET	USA 74158085						
STARDELL KINGBOY GWYNNE-ET	USA 74158082						
STARDELL MASSEY DELILAH-ET	USA 73048403						
STARDELL MAURICE OKRA-ET	USA 73620560						
STARDELL MAURICE OREO-ET	USA 73620555						
STARDELL MEGA GWEN-ET	840003126775353						
STARDELL MOGUL OLIVIA	USA 72569255						
STARDELL PLUMBER 1788	840003127682363						
STARDELL PONDER GOLLYGEE-ET	USA 73620665						
STARDELL PONDER GRACIOUS-ET	USA 74158052						
STARDELL PONDER GRISELDA-ET	USA 73620669						
STARDELL PONDER GUNILLA-ET	USA 73620664						
STARDELL SUPER OLIVE-ET	USA 70525218						
STARDELL SUPERSIZE DAZZLING	USA 73048474						
STARDELL SUPRSTITION OLE-ET	USA 70525216						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STARDELL SUPRSTITION ORA-ET	USA 70525192						
STARDELL TANNENBAUM GAIL-ET	USA 74158018						
STARDELL TANNENBAUM GIFT-ET	USA 73620574						
STARDELL TOPSY 1787	840003127682362						
STARMARK ABSLUTE ELEANOR-ET	USA 142944587						
STARMARK AD HOTSTUFF-RED-ET	USA 138253121						
STARMARK AD ROSEBUD-RED-ET	USA 139608924						1
STARMARK PLANET MIRANDA	USA 139889778						
STARMARK SHOTTLE MAGGIE-ET	USA 62915221						
STARMARK WHITE ROSE-RED-ET	USA 141267618		C				
STARMARK-I MILA-RED-ET	CAN 105054233						
STARMONT JORDAN BRIDGET-ET	USA 139834723						
STARMONT MAYFIELD LOLA	USA 72990501						
STARMONT PLANET SANDY-ET	USA 71985986						
STARMONT TALENT BUTTERCUP	USA 137237249						1
STARMONT ZADE NANNETTE	USA 74414703						
STARSTRUCK J PENNY-RED-ET	USA 17342112						
STARWARD ALLEN RAZZLE	USA 138856762						
STARWARD ASHMORE MORGAN	USA 141053767						3
STARWARD ATWOOD HARMONY-ET	USA 142776014						
STARWARD ATWOOD HOLLY-ET	USA 142754380						
STARWARD SANCHEZ JOANIE-ET	USA 140464049						
STARWAYS SANCHEZ PRISCILLA-ET	CAN 10935683						
STATE-VIEW MILLION DAWN-ET	USA 140343513		C				
STATE-VIEW MILLION DEB-ET	USA 140343522						
STATE-VIEW MILLION DONNA-ET	USA 140343504						
STE DILE MANIFOLD MODEL JADE	CAN 107090409			C			
STE ODILE CHAP MODEL CASSIOPEE	CAN 107684732						
STE ODILE MANOMAN MOD PLATINE	CAN 106505969						
STE ODILE MANOMAN MODEL SAPHIR	CAN 106505956						
STE ODILE MOON MODEL AMALUN-ET	CAN 107684727						
STE ODILE MOON MODEL LUNA-ET	CAN 107684728						
STE ODILE SHOTTLE MODEL RAFFIE	CAN 105623957					C	
STE ODILE SUDAN MODEL VENUS-ET	CAN 107684717						
STE-PEN ARMITAGE WHYDAH	USA 71585442						
STE-PEN BAXTER WINONA-ET	USA 65664004			C			
STE-PEN BOLIVER WINSONG	USA 65664018			C			
STE-PEN BOLTON WEDNESDAY	USA 69245111						
STE-PEN BOLTON WOW-ET	USA 66827702						
STE-PEN BUCKEYE WAHINE-ET	USA 69245104			C			
STE-PEN DISTINCT WINDY-ET	USA 69245109						1
STE-PEN DISTINCTIVE WAKE-ET	USA 66827713						1
STE-PEN DISTINCTIVE WISE-ET	USA 66827712						1
STE-PEN DORCY WHISTLE	USA 70095557						
STE-PEN JAZZY	USA 70095567		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STE-PEN JIVES WINDCHIME	USA 71585439						1
STE-PEN MOGUL WINDS	USA 72421379						
STE-PEN PONTIAC WINAMORE-ET	USA 64750390						
STE-PEN PONTIAC WINSOMOR-ET	USA 64750388			C			
STE-PEN RUSSELL WANDA-ET	USA 69245105			C			
STE-PEN RUSSELL WINTER-ET	USA 69245106			C			
STE-PEN RUSSELL WREN	USA 69245112						
STE-PEN SHAMROCK WINGS	USA 71585440						
STE-PEN SHOTTLE WINSLOW-ET	USA 64750394			C		C	
STEEL-LANE AFTRSHCK ABBY-ET	USA 141948476						1
STEEL-LANE AFTSHK ADALYN-ET	USA 141948506						
STEEL-LANE AURORA-ET	840003130394877						
STEEL-LANE BRAXTON ARIELLE	USA 142024706						
STEEL-LANE GC JULIET-ET	USA 73761257						
STEEL-LANE GEMINI-ET	USA 73761264						
STEEL-LANE GIA-ET	USA 73761263						
STEEL-LANE LAURIN JOELLE	USA 140445774						
STEENBLIK RISA CRI-ET	USA 64541759				C		
STEFAN-HC GC DAFFODIL-ET	USA 71141643						
STEFAN-HC GC DAISY-ET	USA 71141650						
STEFAN-HC GC DALILA-ET	USA 71141637						
STEFFES DURHAM CINNAMON	USA 132622332						
STEFFES ELAVATE CINNASTAR	USA 69040399						
STEFFES MICH CINNASWIRL	USA 63141251						
STEFFVIEW BOWMAN 3198	USA 72336727						
STEFFVIEW FEVER 3185	USA 72336714						
STEFFVIEW FEVER 3188	USA 72336717	C					
STEFFVIEW SUPERSIRE 3196	USA 72336725						
STEINHURST ARMITAGE 2608	USA 74236933						
STEINHURST AYERS-ET 2615	USA 74236940						
STEINHURST CANNON-ET 2610	USA 74236935						
STEINHURST CASUAL 2612	USA 74236937						
STEINHURST CASUAL-ET 2493	USA 73779445						
STEINHURST CASUAL-ET 2512	USA 73779464						
STEINHURST CHARLIE-ET 2619	USA 74236944						
STEINHURST CHASE 2509	USA 73779461						
STEINHURST CHASE 2510	USA 73779462						
STEINHURST CHASE 2620	USA 74236945						
STEINHURST DORCY 2497	USA 73779449						
STEINHURST GELDON 2617	USA 74236942						
STEINHURST HISTORY 2621	USA 74236946				C		
STEINHURST JIVES 2618	USA 74236943						
STEINHURST PESKY 2614	USA 74236939		C				
STEINHURST SHANNON 2611	USA 74236936	C					
STEINHURST SHERAC 2602	USA 74236927						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STEINHURST SOTO 2603	USA 74236928						
STELBRO REBECCA BERNIE-RED-ET	CAN 8940662		C				3
STELBRO REBECCA JEAN	CAN 7445622						1
STELBRO SOPRANO REPOSE-RED-ET	CAN 7875207						
STELLAMARIS BOLIVER NALA	840003124551986						
STELLAMARIS GENEVA NINJA	840003124551985		C				
STELLAMARIS GENEVA NOVA	840003124551987						
STELLAMARIS GRAFEETI NOLA	840003127041534						1
STELLAMARIS GRAFEETI ZOOKA	840003123606696						1
STELLAMARIS HISTORY ZARINA	840003123606681				C		
STELLAMARIS K DESIGN ZEE	840003123606698						
STELLAMARIS K OFFROAD VOGUE	840003123606697						
STELLAMARIS K PLANET KAYAK	840003123606699						
STELLAMARIS LITHIUM BOAT	840003123606695						
STELLAMARIS MAXUM ZO	840003124551988						
STELLAMARIS PETRONE NITRO	840003123606645		C				
STELLAMARIS PLANET ZORBA	840003123606693						
STELLAMARIS SHOTTLE NIKE	840003123606672					C	
STELLAMARIS SUPERSIRE BHG	840003123606694						
STELLER-DW GWYN FRAN-ET	USA 69951159						
STELTE G W ALTWOOD JEWEL	840003123826778						
STELTE MCCUTCHEN 690	840003123826779						
STEMPFLE ATWOOD GLICE-ET	USA 70231885						
STEMPLE-VIEW AIROSA JOSLYN	USA 72380254					C	
STEMPLE-VIEW BOLTON ADDY	840003002882807						
STEMPLE-VIEW MILLION ADINA	USA 140349292						
STEMPLE-VIEW SSTORM JENI-ET	USA 62906904						1
STEPIDO BLITZ MAGGY-ET	CAN 101026417						
STEPIDO GOLDWIN MAGIE	CAN 103258206						
STEPSTONE AL MARTINA	USA 69907351						
STEPSTONE DASHAWN JAMIE	840003126634762		C				
STEPSTONE DASHAWN KARSAR	840003126634773						
STEPSTONE DASHAWN MARNA	840003126634740			C			
STEPSTONE DASHAWN MELANN	840003126634761						
STEPSTONE DASHAWN NANO	840003014323490		C				3
STEPSTONE DASHAWN NOMMI	840003014323492		C				
STEPSTONE DOLCE FEAST	840003126634742						
STEPSTONE DOLCE HILLS	840003126634744						
STEPSTONE DOLCE MARY	840003126634780						
STEPSTONE DOLCE MEATS	840003126634789						
STEPSTONE DOLCE SWEET	840003126634781						
STEPSTONE DOMINGO KASSIE	840003126634800						
STEPSTONE HEADLINER BABEE	840003014323493						
STEPSTONE HEADLINER BRAVE	840003014323514						
STEPSTONE HEADLINER HIPPY	840003014323512		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STEPSTONE HEADLINER NANDA	840003014323486						
STEPSTONE HEADLINER QUITLES	840003014323527	C					
STEPSTONE HEADLINER SCHLIN	840003126634764						
STEPSTONE HEADLINER VELVET	840003014323532						
STEPSTONE LICORICE LUSTY	840003126634732						
STEPSTONE LICORICE MYRA-TW	840003014323511						
STEPSTONE LOUSIRE BRITTA	840003126634797						
STEPSTONE MAGNA TEASE	USA 61502278						
STEPSTONE MAYFIELD APPLES	840003126634760						
STEPSTONE MAYFIELD BRONZIT	840003126634731			C			
STEPSTONE MAYFIELD CARLA	840003126634791						
STEPSTONE MAYFIELD ESSE	840003126634755	C					
STEPSTONE MAYFIELD HARDIEST	840003126634743						
STEPSTONE MAYFIELD JAZZ	840003126634747			C			
STEPSTONE MAYFIELD MERRY	840003126634772						
STEPSTONE MAYFIELD MILTA	840003126634765			C			
STEPSTONE MAYFIELD NDOT	840003126634739			C			
STEPSTONE MAYFIELD VIOLET	840003126634748			C			
STEPSTONE MCNUGGETS CRETTE	840003014323475						
STEPSTONE MCNUGGETS DIP	840003126634741						
STEPSTONE MCNUGGETS LITE	840003014323481						
STEPSTONE MCNUGGETS MUSTARD	840003126634754			C			3
STEPSTONE MCNUGGETS QUALITY	840003126634770						
STEPSTONE MCNUGGETS QUID	840003126634749						
STEPSTONE MEDIATE KIME	840003014323482		C				
STEPSTONE MOGUL HORN	840003014323524		C				
STEPSTONE MONTROSS EVIE	840003126634801						
STEPSTONE MONTROSS HEID	840003126634792						
STEPSTONE MOPAR HILYA	840003014323529						
STEPSTONE MORGAN KIMSLY	840003126634738					C	
STEPSTONE MORGAN LUCKY	840003014323480						
STEPSTONE MORGAN MUSKY	840003014323495						
STEPSTONE MORGAN NASETTE	840003014323525						
STEPSTONE MORGAN NICKEL	840003014323531						
STEPSTONE MORGAN QIANTUS	840003014323477						
STEPSTONE OBSERVER HEALTHY	840003126634786						
STEPSTONE OBSERVER URAMI	840003126634736						
STEPSTONE PARTYROCK DANYA	840003126634798						
STEPSTONE PARTYROCK HIGH	840003126634790						
STEPSTONE PARTYROCK LIMBER	840003126634782						
STEPSTONE PARTYROCK NAYHERE	840003014323501						
STEPSTONE PARTYROCK VALE	840003126634799						
STEPSTONE PETRONE AUGEE	840003014323474						
STEPSTONE PETRONE HIMMEL	840003014323487						
STEPSTONE PETRONE HORNRIM	840003014323505			C		C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STEPSTONE PETRONE JUNETTE	840003014323515						
STEPSTONE PETRONE KAFF	840003014323479						
STEPSTONE PETRONE KRIEP	840003014323499						
STEPSTONE PETRONE LEXS	840003014323510						
STEPSTONE PETRONE MELA	840003014323502						
STEPSTONE PETRONE REWIND	840003014323508						
STEPSTONE PETRONE RIBALD	840003014323491						
STEPSTONE PETRONE SAMMY	840003014323518						
STEPSTONE PETRONE SMILE	840003014323503						
STEPSTONE PETRONE TIA	840003014323526		C				
STEPSTONE PETRONE WILLOW	840003014323517			C			
STEPSTONE PETRONE YAZ	840003014323521						
STEPSTONE PHOE KASTLE	840003126634793						
STEPSTONE PHOE NAVAHO	840003126634785						
STEPSTONE PREDESTINE APPS	840003126634745						
STEPSTONE PREDESTINE DAGET	840003014323509						3
STEPSTONE PREDESTINE DAHI	840003126634759						
STEPSTONE PREDESTINE FABLE	840003014323476					C	3
STEPSTONE PREDESTINE HEATH	840003126634784						3
STEPSTONE PREDESTINE JAM	840003126634753						3
STEPSTONE PREDESTINE KADEE	840003126634751	C					
STEPSTONE PREDESTINE KRIST	840003126634752						3
STEPSTONE PREDESTINE LOMIS	840003014323506						
STEPSTONE PREDESTINE MIST	840003126634774						
STEPSTONE PREDESTINE NAYOTI	840003126634734					C	
STEPSTONE PREDESTINE REGINA	840003014323523						3
STEPSTONE PREDESTINE SEVEN	840003126634750						
STEPSTONE PREDESTINE SIRI	840003014323489		C				3
STEPSTONE PREDESTINE VALERI	840003014323513						
STEPSTONE REBEL HILL	840003126634767			C			
STEPSTONE REBEL JELL	840003126634769						
STEPSTONE SHAMROCK APLUMB	840003126634729						
STEPSTONE SHAMROCK LILTE	840003126634771						
STEPSTONE SHAMROCK SET	840003126634746						
STEPSTONE SHAMROCK SIMEE	840003126634766						
STEPSTONE SHAMROCK TIRAT	840003014323472						
STEPSTONE SHANDY BABE	840003126634763						
STEPSTONE SHANDY FLORRIE	840003126634757	C					
STEPSTONE SUPERSIRE DADA	840003126634758						3
STEPSTONE SUPERSIRE DAHI	840003126634778						
STEPSTONE SUPERSIRE EDY	840003014323488						
STEPSTONE SUPERSIRE HAPPY	840003126634775						
STEPSTONE SUPERSIRE HASTY	840003126634776		C	C			
STEPSTONE SUPERSIRE LEAP	840003126634756						
STEPSTONE SUPERSIRE LITELY	840003126634735						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STEPSTONE SUPERSIRE LUREEN	840003126634730						3
STEPSTONE SUPERSIRE MELBA	840003014323485			C			
STEPSTONE SUPERSIRE NELLY	840003014323484			C			
STEPSTONE SUPERSIRE NOTED	840003014323471						
STEPSTONE SUPERSIRE RUNNER	840003126634794						
STEPSTONE SUPERSIRE SANDY	840003014323494						
STEPSTONE SUPERSIRE SCHLOOV	840003126634733						
STEPSTONE TABLE APLEBEE	840003014323528						
STEPSTONE UPTOWN DAI	840003126634783						
STEPSTONE WATSON BUNT	840003014323478						3
STEPSTONE WATSON HANCOCK	840003126634796			C		C	
STEPSTONE WATSON LORE	840003014323470			C		C	
STEPSTONE WATSON MARILYN	840003126634787					C	
STEPSTONE WATSON MARION	840003126634728			C		C	
STEPSTONE WATSON MARVA	840003126634788			C		C	
STEPSTONE WATSON RELEASE	840003014323507			C			
STEPSTONE WATSON URI	840003126634777					C	
STEPSTONE WATSON URIP	840003126634737						
STEPSTONE YANCE APPS	840003014323504						
STEPSTONE YANCE BESSE	840003014323516	C					
STEPSTONE YANCE HELMET	840003014323500						
STEPSTONE YANCE KADEA-TW	840003014323497						3
STEPSTONE YANCE KADEB-TW	840003014323496						3
STEPSTONE YANCE LUDINE	840003014323530						
STEPSTONE YANCE MERIT	840003014323520						
STEPSTONE YANCE MUFFLIN	840003014323483			C			
STEPSTONE YANCE NANCOT	840003014323473						
STEPSTONE YANCE ROGUE	840003014323519						
STEPSTONE YANCE VERY	840003014323522						
STEPSTONE YANCE YUMMY	840003014323498						1
STERNDALE SHOTTLE RAVEN PI-ET	GBR 11219657						
STESHA MISS LAYDA	USA 143144841						
STETSON LHEROS JOY	USA 62251534						
STETSON LUDWIG ECLIPSE	USA 71222342					C	
STEV-ERN AFTERSHOK CANDY-ET	USA 66812070						
STEV-ERN DOMAIN RACY	USA 69660712						
STEV-ERN SUPERSIRE BELL-TW	USA 142951143						
STEV-ERN TALENT LUCKY-ET	USA 66812060						1
STEWARDSHIP ABSOLUTE DANDY	USA 141646664						
STEWARDSHIP ADM PEBBLES-RED	USA 133964323						
STEWARDSHIP AMMO SUMMER	840003012674786						
STEWARDSHIP ATWOOD POPPY	840003012674780						
STEWARDSHIP ATWOOD SAMI	USA 141273741						
STEWARDSHIP BOSS DARLA	840003012674785						
STEWARDSHIP BRAX SERENITY	840003012674783						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STEWARDSHIP CLARK BEA-TW	USA 141646691						
STEWARDSHIP CLARK BUMBLE-TW	USA 141646703						
STEWARDSHIP DAUDEN ISY DEVI	USA 141877495						
STEWARDSHIP DEANN DUMPLING	USA 140386774						
STEWARDSHIP FIN CUT DIMPLE	USA 141273769						
STEWARDSHIP GBART DATE	USA 138266822						
STEWARDSHIP HILL JAMAICA	USA 142264878						
STEWARDSHIP LOG PRECISE-RED	USA 142264887						
STEWARDSHIP LOGO PP DEITY	840003012674782						
STEWARDSHIP METEOR HEAVEN	840003126572522						
STEWARDSHIP O-STYLE BLUR	USA 142264908			C			
STEWARDSHIP SANCHEZ CHARITY	840003012674784						
STEWARDSHIP SHOTT GLAZE-ET	USA 141953030						
STEWARDSHIP SUDAN HOLIDAY	USA 142264917						
STEWARDSHIP SUPER DONITA	USA 140996980						
STEWARDSHIP TOWER HELGA	840003012212042					C	
STEWARDSHIP TOWER JAMIE	840003012212041						
STEWARDSHIP TRENT ANNE	840003012674781						
STEWARTS MIZZOU DANA	USA 142933543						3
STILES DEFIANT 4365-ET	840003133184337						
STIMSON-3GEN GUTHRIE 867	USA 72633940						
STIMSON-3GEN RUBICON 921-ET	USA 74425056						
STIMSON-3GEN RUBICON 922-ET	USA 74425057						
STING RAE SHOTTLE SUE	USA 140114720						
STJ DANCER PRIDE-ET	USA 142423288						3
STJ DURABLE PEARL-ET	USA 141532093						3
STJ DURABLE PEBBLES-ET	USA 141532057						3
STJ KODAK POCAHONTAS	USA 143044525						
STJ LANCELOT PAMELA-ET	USA 143408992						
STJ LANCELOT PROMINANT-ET	USA 143409069						
STJ LIGHTNING RUTHIE-ET	USA 140257793						1
STJ RELIEF PRIZE-ET	USA 142537055						3
STJ SS DEUCE MERCY-RED-ET	USA 139233849						
STJ VALENTINE PARADE-ET	USA 143351889						
STJ VALENTINE PRAISE-ET	USA 143351870						
STJ VALENTINE PRICELESS	USA 143409041						
STJ-BLONDIN MALONE BANDIT	840003127934884						
STJ-CW BRAZZLE BLEXY-ET	840003127934915						2
STJ-G ARMANI BETH-ET	840003123600865						3
STJ-G ARMANI BEVERLY-ET	840003123600882						3
STJ-G ARMANI BIANCA-RED-ET	840003123885897						4
STJ-G ARMANI BOBBI-ET	840003123600887						3
STJ-G ARMANI BREANN-RED-ET	840003123885958						3
STJ-G ATWOOD BETHANY-ET	840003123600779						
STJ-G ATWOOD BRINKLEY-ET	840003013295070						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STJ-PV ADDICTION BELIEVE-ET	840003127934914						1
STJ-PV ADDICTION BENTLEY-ET	840003127934929						1
STJ-PV ADDICTION BLUETTE-ET	840003127934925						1
STJ-PV BOUT OF ADDICTION-ET	840003127934927						1
STJ-PV DOORMAN HARMONICA-ET	840003133370925						
STJ-PV HEZTRY BETH-ET	840003127934949						4
STJ-PV HEZTRY BRI-ET	840003127934948						4
STJ-PV HEZTRY BRITTY-ET	840003127934947						3
STJ-VT POND GCHIP LILLY-ET	840003127934941						
STMALO MOGUL LYNA-ET	CAN 11773342		C				
STOCKHAVEN A RACER DANICA	USA 143003852						
STOCKHAVEN AASTOCK TORI	USA 73125995						
STOCKHAVEN AL ZSA ZSA	USA 66835187						
STOCKHAVEN BEAU ANNIE	USA 70612287	C					
STOCKHAVEN BEAU DANI	USA 70612246						
STOCKHAVEN BERRY-RED-ET	USA 73125983						
STOCKHAVEN BOMBERO GINA	USA 73126018						
STOCKHAVEN BOXER KAMI	USA 66835175						
STOCKHAVEN BOXER ROMY	USA 70612235						
STOCKHAVEN BRAXTON BREA	USA 70612269						
STOCKHAVEN CANCUN 3924-ET	USA 70595966						1
STOCKHAVEN CANCUN 3927-ET	USA 70595969						
STOCKHAVEN CANCUN BERYL	USA 70612256						
STOCKHAVEN CANCUN MOONLIGHT	USA 70612276						
STOCKHAVEN CANCUN TWILIGHT	USA 70612277						1
STOCKHAVEN COLT BAILEY-ET	USA 70612247						
STOCKHAVEN COLT BAMBI-ET	USA 70612249						
STOCKHAVEN COLT BOBBI-ET	USA 70612250						
STOCKHAVEN COLT BRIT-ET	USA 70612248						
STOCKHAVEN COLT GENIE	USA 70612244						
STOCKHAVEN COLT JESSA	USA 70612254						
STOCKHAVEN DOMAIN DIVA	USA 70612219						
STOCKHAVEN DOMAIN TONI	USA 70612233						
STOCKHAVEN EPIC DARMA	USA 70612273						
STOCKHAVEN EPIC ISABEL	USA 70612275						
STOCKHAVEN EPIC RAMSEY-ET	USA 70612262						
STOCKHAVEN EXPLODE DONI	USA 70612245						
STOCKHAVEN EXPLODE FOLLY	USA 70612232						
STOCKHAVEN G CRISTY-ET	USA 73125997						
STOCKHAVEN GILBY KARLI	USA 70612263						
STOCKHAVEN GOLD ALICE-ET	USA 66835149						
STOCKHAVEN GOLD CHIP ELLIE	USA 70612289						
STOCKHAVEN GOLD DUSK-ET	USA 66835179			C			1
STOCKHAVEN GOLD MOLLY-ET	USA 65926557						
STOCKHAVEN GOLDCHIP ALICIA	USA 70612257						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STOCKHAVEN GOLDCHIP BELLA	USA 70612252						
STOCKHAVEN GOLDEN ARIEL	USA 73126007						
STOCKHAVEN GOLDWYN DAFFY-ET	USA 68550889						
STOCKHAVEN GOLDWYN DAISY-ET	USA 68550888			C			
STOCKHAVEN JASPER BERIT-ET	USA 65926591						
STOCKHAVEN JASPR BRISTOL-ET	USA 65926594						
STOCKHAVEN JEEVES BLENDA	USA 70612292						
STOCKHAVEN KOOL DAZE	USA 70612258						
STOCKHAVEN MARVELOUS DAR	USA 66835192	C					
STOCKHAVEN MARVELOUS MARVA	USA 70612253	C					
STOCKHAVEN MOHAWK DARA	USA 73639299						
STOCKHAVEN MOM KADY	USA 70612236						
STOCKHAVEN MONREAL FAYE	USA 70612272						
STOCKHAVEN MONTROSE GLENNA	USA 73126022						
STOCKHAVEN O BRENDA-ET	USA 73125999						
STOCKHAVEN O BRITA-ET	USA 73125998			C			
STOCKHAVEN O COSMO-ET	USA 73125989			C			
STOCKHAVEN O JOESSA	USA 73125993			C			
STOCKHAVEN O ROSSI	USA 73126005						
STOCKHAVEN OHARE BRIE-ET	USA 73125985			C			
STOCKHAVEN OSTYLE 3986-ET	USA 70596028						
STOCKHAVEN PALERMO DARCY	USA 70612210						
STOCKHAVEN PARKER DARLYN	USA 70612288	C					1
STOCKHAVEN PLANET MAXI	USA 65926581						
STOCKHAVEN PRINCESS JEWEL	USA 70612271						
STOCKHAVEN R GEM-ET	USA 70612301						
STOCKHAVEN RCH S DEPAUL-ET	USA 72352932			C			
STOCKHAVEN RETOOL GERT-ET	USA 70612307						
STOCKHAVEN RETOOL GRACIE-ET	USA 70612309						
STOCKHAVEN ROBUST ABBY-ET	USA 70612227						
STOCKHAVEN ROBUST ARDEN-ET	USA 70612226						
STOCKHAVEN ROBUST DIVINE	USA 70612266			C			
STOCKHAVEN ROBUST GRETTA	USA 70612230						
STOCKHAVEN SANCHEZ BRYNN-ET	USA 66835167						
STOCKHAVEN SHANO BRANDI-ET	USA 73125981						
STOCKHAVEN SHARP MS CARRY	USA 70612238						
STOCKHAVEN SHB BLOSSOM-P-ET	840003014556054						
STOCKHAVEN SHN 3813-ET	USA 70335049						
STOCKHAVEN SHO IZZIE-ET	USA 66835150			C		C	
STOCKHAVEN SHO-N-GO GIA	USA 66835195						
STOCKHAVEN SHOT OF AMARETTO	USA 70612305	C					
STOCKHAVEN SHOTTLE BLISS	USA 70612229					C	
STOCKHAVEN SHOTTLE DERI	USA 70612231			C		C	
STOCKHAVEN SS BRAVO-ET	USA 73126004						
STOCKHAVEN SS DESI	USA 70612290						

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STOCKHAVEN SS GLARUS	USA 73125980						
STOCKHAVEN SUPER 3994-ET	USA 70596036			C			
STOCKHAVEN SUPER MOOLAH	USA 66835180						
STOCKHAVEN SUPER RAE-ET	USA 66835182						
STOCKHAVEN SUPERSIRE LACI	840003015018757						1
STOCKHAVEN TANGO BAY-ET	USA 73126003		C				
STOCKHAVEN TYLER JUNE	USA 70612293						
STOCKHAVEN UNO GRACE	USA 70612268						
STOCKHAVEN WILL CORA-ET	USA 73126002	C					
STODOLA ATWOOD GOOGLE	USA 72944614						
STODOLA GUTHRIE 1614	USA 72817862						
STOLHAVEN ALEXA RAE-ET	USA 72626485						
STOLHAVEN JASPER DESTINY-ET	USA 69026194						
STOLHAVEN LONGSHOT RAE-ET	USA 65592480						
STOLHAVEN SANCHEZ DEBBIE-ET	USA 69026180						
STOLT-ACRES SAPHIRE-RED-ET	USA 139439683						
STOLTZFUS-RIDGE PON SPOTIE	USA 138482026			C			
STONCREE MAZDA MAE-RED-ET	USA 65398859						
STONCREE REALTY RAVSHNG-RED	USA 68861531						
STONDEN WINDBROOK DELILA-RED	CAN 11508952						1
STONE-FRONT ABSOLUT COROLLA	USA 72104952						
STONE-FRONT ACTION ASPIRE	USA 72104902						
STONE-FRONT ACTION DESIREA	USA 72104894						
STONE-FRONT ACTION PASQUAL	USA 72104918						
STONE-FRONT ADORATION SASH	USA 72104953						
STONE-FRONT ADVENT LAVERNE	USA 62176825						
STONE-FRONT ALLABOUT TOAD	USA 73693226						3
STONE-FRONT APPLCRISP ATLAS	USA 73693225						
STONE-FRONT APPLCRISP IRISH	USA 73693254						
STONE-FRONT APPLCRSP INCASE	USA 73693247		C				
STONE-FRONT APPLECRISP ICE	USA 73693285						
STONE-FRONT AQUAFINA-ET	USA 73693239						
STONE-FRONT AQUANET-RED-ET	USA 73693260						
STONE-FRONT ATWOD PRAISE-ET	USA 70750036						
STONE-FRONT AVATAR SULTRY	USA 72104895	C					
STONE-FRONT AXIOM AVIS	USA 62815443						
STONE-FRONT BLITZ VIVIAN	USA 62702919						
STONE-FRONT BOSS IRON ROSY	USA 62176816						
STONE-FRONT CANCUN AUDI	USA 73693243			C			
STONE-FRONT COLT45 ALOHA-ET	USA 73693241						1
STONE-FRONT DIFF JIBLET	USA 62176864						
STONE-FRONT DOM EVENING	USA 72104887						
STONE-FRONT DOORMAN ATTO	USA 73693238						
STONE-FRONT DOORMAN MARSHA	USA 73693224					C	
STONE-FRONT DURHAM PETUNIA	USA 134286356						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONE-FRONT FEVER LUMINS	USA 72104874						
STONE-FRONT FEVER MADUSA	USA 72104906						
STONE-FRONT FEVER MAGESTIC	USA 72104843						
STONE-FRONT FEVER PANINI	USA 70750103						
STONE-FRONT FEVER REVOLUTN	USA 72104879						
STONE-FRONT FEVER ZUMBA	USA 72104882						
STONE-FRONT GOLD PAINT-ET	USA 70749929						
STONE-FRONT GOLDSUN FRISCO	USA 72104851						
STONE-FRONT GOLDSUN PIZAZZ	USA 72104913	C					
STONE-FRONT HEFTY BOUTIQUE	USA 72104899						
STONE-FRONT HONEYLOU-RED	USA 72104815	C					
STONE-FRONT JASP PASSION-ET	USA 66000604						
STONE-FRONT JERRICK BOUNCE	USA 72104909						
STONE-FRONT KB AMETHYST-ET	USA 73693250						
STONE-FRONT KBOY CAMARAY-ET	USA 73693230						
STONE-FRONT KBOY VIBRANT-ET	USA 73693214						
STONE-FRONT KINGBOY ACAI-ET	USA 73693244						
STONE-FRONT KINGBOY BINGO	USA 73693215						
STONE-FRONT KINGBOY VICKY-ET	USA 73693217						
STONE-FRONT KINGBY AVEDA-ET	USA 73693258						
STONE-FRONT KINGBY PAUSE-ET	USA 73693262						
STONE-FRONT KINGBY PRIDE-ET	USA 73693259						
STONE-FRONT KNBY AQUATIC-ET	USA 73693229						1
STONE-FRONT KNGBOY PRISM-ET	USA 73693255						
STONE-FRONT KNGBOY VIRGO-ET	USA 73693220						
STONE-FRONT KNGBY ARDITH-ET	USA 73693249						
STONE-FRONT KNGBY AVANNA-ET	USA 73693252						
STONE-FRONT KNGBY CAMERA-ET	USA 73693234						
STONE-FRONT KNGBY PICASO-ET	USA 73693265						
STONE-FRONT LAUTH PARROT-ET	USA 70750086						1
STONE-FRONT LAVANGRD GINGER	USA 72104907						1
STONE-FRONT LAVANGRD TASHA	USA 72104924						
STONE-FRONT LEADER HILDA	USA 62176858	C					
STONE-FRONT LYSTER JOANIE	USA 62176932						
STONE-FRONT MARTINI	USA 68670402						
STONE-FRONT MCCTCHN BELINDA	USA 72212868						
STONE-FRONT MCCUTC MICHIGAN	USA 72104943						
STONE-FRONT MCCUTCHEN INOWI	USA 73693271						
STONE-FRONT MCCUTCHEN PEPSI	USA 73693218						3
STONE-FRONT MCCUTCHEN SUDS	USA 73693264						
STONE-FRONT MCCUTCHEN TITAN	USA 73693257						
STONE-FRONT MCCUTCHN PRAYER	USA 73693231						3
STONE-FRONT MCUTCHN DRESSUP	USA 73693232						
STONE-FRONT MCUTCHN PARSLEY	USA 73693253						
STONE-FRONT MCUTCHN T-SWIFT	USA 73693222						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONE-FRONT MERIDAN TRUFFLE	USA 72104975						
STONE-FRONT METOR ASTRONAUT	USA 72104917						
STONE-FRONT MILLION OSTRICH	USA 70749983		C				
STONE-FRONT MISS SALENA	USA 72104844						
STONE-FRONT OSIDE ALICE-TW	USA 135575143						
STONE-FRONT OUTSIDE IRMA-ET	USA 62702916		C				
STONE-FRONT PALOMINO-ET	USA 70749931						
STONE-FRONT PIETERTJE-ET	USA 71586289						
STONE-FRONT PRACTICAL-ET	USA 73693263						
STONE-FRONT PRONTO TOC-TW	USA 72104939						
STONE-FRONT RDLINR NABI-RED	USA 72104839		C				
STONE-FRONT SEAVER CATTAILS	USA 72104916						
STONE-FRONT SEAVER MUMM	USA 72104881						
STONE-FRONT SEAVER PURSE	USA 72104877						
STONE-FRONT SEAVER RAELLE	USA 72104914						
STONE-FRONT SEAVER TONIA	USA 72104832			C			
STONE-FRONT SHAMROCK MICHA	USA 72104984						
STONE-FRONT SID PRICILLA	USA 72104904						
STONE-FRONT TAILWIND LYNN	USA 72105005						
STONE-FRONT TESSA-ET	USA 70530863						
STONE-FRONT ZELGADIS PANAMA	USA 72104998						
STONE-HAUS ALEX G6-ET	USA 140965960						1
STONE-HAUS ALEX G7-ET	USA 141216078						1
STONE-HAUS BANKRL GLORY-ET	USA 143630368			C			
STONE-HAUS BANKROL GINA-ET	USA 143630359						
STONE-HAUS BNKR GLISTEN-ET	USA 143630377			C		C	
STONE-HAUS DESTRY SILKY-RED	USA 142013137						1
STONE-HAUS DOORMAN GONE-ET	USA 143630386					C	
STONE-HAUS DORMAN GINGER-ET	USA 142589696					C	1
STONE-HAUS G-WAY GRACE-ET	USA 143065333						
STONE-HAUS GLD CHP G GEM-ET	USA 141918381						
STONE-HAUS GLD CHPG GWEN-ET	USA 141918420						1
STONE-HAUS JABIR GLAZE-ET	USA 142975703						
STONE-HAUS JABIR GLITTER-ET	USA 142975712						
STONE-HAUS JABIR GLORIA-ET	USA 142975691						
STONE-HAUS LARGE GRACY	USA 142013164						
STONE-HAUS LEVI HEIDI	USA 142160745			C			
STONE-HAUS LYNCH PROMISE	USA 133743151						
STONE-HAUS SHAN G GOLDEN-ET	USA 142542909						
STONE-HAUS SHAN G GOLDY-ET	USA 142541739						1
STONE-RAIL A-STEAD ELITE-ET	USA 66558632						
STONE-RAIL ACTIV ELASTIC-ET	USA 66558683						
STONE-RAIL ACTIV ELUSIVE-ET	USA 66558684	C					
STONE-RAIL ACTIVE ECHO-ET	USA 66558624						
STONE-RAIL ACTIVE ELAPSE-ET	USA 66558685	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
STONE-RAIL ALEX-Z-ASHLYN-ET	USA 66558669						1
STONE-RAIL B-NET SNAPPY-ET	840003128800939						
STONE-RAIL B-NET SNUGGLE-ET	840003128800940						
STONE-RAIL BAYONET SANDY-ET	840003128800948						
STONE-RAIL BAYONET SPOT-ET	840003128800942						
STONE-RAIL BEACON LOUANN-ET	USA 69279736						
STONE-RAIL BEACON LUELLA-ET	USA 69279733					C	
STONE-RAIL BOMBERO NANCY-ET	840003128800866						
STONE-RAIL BOXER AMY	USA 69279699						
STONE-RAIL BRONCO ELITE-ET	USA 70819105						
STONE-RAIL CANARY-ET	840003128800886						
STONE-RAIL CASANDRA-ET	840003128800924						
STONE-RAIL CHERRY-ET	USA 72123488						
STONE-RAIL CINNAMON-ET	840003128800902						
STONE-RAIL CLASSIC-ET	USA 72123497						
STONE-RAIL CLOVER-ET	840003128800912						
STONE-RAIL CM EQUIP	USA 72123306						
STONE-RAIL CM ERMA-ET	USA 70819166						
STONE-RAIL CM ROSE	USA 70819147						
STONE-RAIL CM SILVER-ET	USA 70819183						
STONE-RAIL CM SYRINA-ET	USA 70819184						
STONE-RAIL CM TINKER	USA 72123301						
STONE-RAIL CR-IT CURLY-ET	840003128800947						
STONE-RAIL DENVER KEEPER	840003128800933			C			
STONE-RAIL DENVER KYLA	840003128800926						
STONE-RAIL DINA-ET	USA 72123429						
STONE-RAIL DONATELLO KIWI	USA 72123367						
STONE-RAIL DORCY Z-ALINA-ET	USA 69279707						
STONE-RAIL DRACO KATIE	840003128800913						1
STONE-RAIL DRACO KENDRA	840003128800937						1
STONE-RAIL DRACO KERNEL	840003128800934						
STONE-RAIL DRACO NORA	840003128800929			C			
STONE-RAIL EAGLE-ET	USA 72123345	C					
STONE-RAIL ECLARE-ET	USA 70819156	C					
STONE-RAIL ELISA-ET	USA 72123347	C					
STONE-RAIL ELSIE-ET	USA 72123356	C					
STONE-RAIL ELVA-ET	840003128800901						
STONE-RAIL ELVIS ADELE-ET	USA 72123316	C					
STONE-RAIL EMBER-ET	USA 72123358						
STONE-RAIL EMERALD GLENDA	USA 72123320						
STONE-RAIL EPHRATA-ET	USA 72123338						
STONE-RAIL EPICA-ET	USA 72123353						
STONE-RAIL EVELYN-ET	USA 72123368	C					
STONE-RAIL EXPLODE-ET	USA 70819124	C		C			
STONE-RAIL EYELET-ET	USA 70819152	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
STONE-RAIL GALAXY KOOLAID	USA 72123410						
STONE-RAIL GERARD NEEDLE-ET	USA 70819121						
STONE-RAIL GERARD NELLIE-ET	USA 69279750						
STONE-RAIL GERARD NEVA-ET	USA 69279746						
STONE-RAIL GERARD NIPPER-ET	USA 70819107						
STONE-RAIL GERARD NORENE-ET	USA 69279749						
STONE-RAIL GREATEST ERMA	USA 70819194						
STONE-RAIL HALOGEN SWIRL	840003128800873						
STONE-RAIL HILL AGNES-ET	USA 70819140						
STONE-RAIL HILL ANITA-ET	USA 70819136						
STONE-RAIL HILL AZTEC-ET	USA 70819135						
STONE-RAIL HOLLY-ET	USA 72123343	C					
STONE-RAIL IOTA ENRICA-ET	USA 69279734	C					
STONE-RAIL IOTA KAYE-ET	USA 70819113						
STONE-RAIL IOTA KAYLEE-ET	USA 69279740						
STONE-RAIL IOTA KORA-ET	USA 70819097						
STONE-RAIL IOTA LARGO-ET	USA 70819141	C					
STONE-RAIL IOTA LORNA-ET	USA 69279739						
STONE-RAIL JABIR SCOTCH-ET	USA 72123483						
STONE-RAIL JEEVES ENTRY-ET	USA 66558662						
STONE-RAIL JEEVES ERWIN-ET	USA 66558661						
STONE-RAIL JVS Z-APPLE-ET	USA 66558660						
STONE-RAIL K-B COLLIE-ET	840003128800876						
STONE-RAIL K-B RAINBOW-ET	840003128800868			C			
STONE-RAIL KAMBER-ET	USA 72123399						
STONE-RAIL KANSAS-ET	USA 72123385			C			
STONE-RAIL KAREN-ET	USA 72123370						
STONE-RAIL KASSIE-ET	USA 72123381						
STONE-RAIL KATE-ET	USA 72123362						
STONE-RAIL KELBY-ET	USA 72123365						
STONE-RAIL KELLY-ET	USA 72123359						
STONE-RAIL KENTUCKY-ET	USA 72123384						
STONE-RAIL KINGBOY CAROL-ET	840003128800888						
STONE-RAIL KINGBOY EDNA	840003128800903						
STONE-RAIL KINGBOY KIMBERLY	840003128800945			C			
STONE-RAIL KINGBOY SKY	840003128800904						
STONE-RAIL KITTEN-ET	USA 72123379						
STONE-RAIL KLIPPER-ET	USA 72123422						
STONE-RAIL LEVI ELDORA-ET	USA 70819170						
STONE-RAIL LEVI ERDA-ET	USA 70819172	C					
STONE-RAIL M-S PAIGE-ET	USA 72123473						
STONE-RAIL M-S PANDORA-ET	USA 72123470						
STONE-RAIL M-S PANTHER-ET	USA 72123477						
STONE-RAIL M-S PATTY-ET	USA 72123474						
STONE-RAIL M-S PEPPER-ET	USA 72123478						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONE-RAIL M-S PRINCE-ET	USA 72123476						
STONE-RAIL MACK NOODLE	USA 72123434						
STONE-RAIL MASSEY DIXIE	USA 72123363						
STONE-RAIL MASSEY KARO-ET	USA 72123332						
STONE-RAIL MASSEY KETTLE-ET	USA 72123333						
STONE-RAIL MASSEY LINDA	USA 72123376						
STONE-RAIL MASSEY MISTY	USA 72123328						
STONE-RAIL MASSEY MITTEN	USA 72123493						
STONE-RAIL MASSEY SMARTY-ET	USA 72123342						
STONE-RAIL MAYFIELD KATRINA	USA 72123378						
STONE-RAIL MAYFIELD KIM-ET	USA 72123393			C			
STONE-RAIL MEGASIRE PLUM-ET	USA 72123471						
STONE-RAIL MEGASR PARKER-ET	USA 74292209						
STONE-RAIL MGASRE PARIS-ET	USA 74292208						
STONE-RAIL MIXER ALMO	USA 72123305						
STONE-RAIL MOGUL FAITH-ET	USA 72123414						
STONE-RAIL MOGUL FANCY-ET	USA 72123398						
STONE-RAIL MOGUL FLIPPER-ET	USA 72123404						
STONE-RAIL MOGUL FRAN-ET	USA 72123405						
STONE-RAIL MOGUL FRECKLE-ET	USA 72123401						
STONE-RAIL MOGUL FROSTY-ET	USA 72123396						
STONE-RAIL MOGUL NINA	840003128800938						
STONE-RAIL MOGUL ROSY	USA 72123424						
STONE-RAIL MOGUL SHILO-ET	USA 72123310						
STONE-RAIL MOGUL SPARKLE-ET	USA 72123317						
STONE-RAIL MOGUL SPLASH-ET	USA 72123397						
STONE-RAIL MONTROSS ELSIE	840003128800907						
STONE-RAIL MONTROSS SHEKEL	USA 72123475						
STONE-RAIL MONTROSS SHIVER	USA 72123479						
STONE-RAIL MS EXCELLENCE-ET	USA 73954252						
STONE-RAIL MS EXCITEMENT-ET	USA 73954249						
STONE-RAIL NIBBLE-ET	840003128800874						
STONE-RAIL NICKLE-ET	USA 72123496						
STONE-RAIL NIFTY-ET	USA 72123336						
STONE-RAIL NUTMEG-ET	840003128800872						
STONE-RAIL O-STYLE CANARY	USA 70819106			C			
STONE-RAIL O-STYLE ELLA-ET	USA 70819127						
STONE-RAIL O-STYLE ESTER-ET	USA 70819123						
STONE-RAIL O-STYLE GRETA	USA 70819122						
STONE-RAIL O-STYLE MERCI	USA 70819143			C			
STONE-RAIL O-STYLE NORMA	USA 70819112			C			
STONE-RAIL O-STYLE REBA-ET	USA 70819128			C			
STONE-RAIL O-STYLE ROANN-ET	USA 70819130			C			
STONE-RAIL O-STYLE ROBIN-ET	USA 70819126						
STONE-RAIL OAK NORWAY-ET	USA 72123392						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONE-RAIL OAK NUGGET-ET	USA 72123389			C			
STONE-RAIL OHARE-P SUGAR-ET	USA 72123437						
STONE-RAIL OSMOND ERTANA-ET	USA 69279743	C					
STONE-RAIL OTTO ELSIE-ET	USA 66558710						
STONE-RAIL PARSLEY-ET	840003128800909						
STONE-RAIL PLANET EMERGE	USA 66558686						
STONE-RAIL PONDER KRISP	840003128800882						
STONE-RAIL PONDER SHEBA-ET	USA 72123467						
STONE-RAIL RADON REBA-ET	USA 70819102						
STONE-RAIL RANSOM SOPHY-ET	USA 72123350						
STONE-RAIL ROBUST PANSY	840003128800892						
STONE-RAIL ROSS ELECTRA-ET	USA 69279755			C			
STONE-RAIL ROSS ELIE-ET	USA 69279756			C			
STONE-RAIL RUBICON ELLEN	840003128800881						
STONE-RAIL RUBICON MARSH-TW	840003128800879			C			
STONE-RAIL RUBICON MELLO-TW	840003128800880						
STONE-RAIL S-S EVELYN-ET	840003128800931	C					
STONE-RAIL SCARLET-ET	USA 72123354						
STONE-RAIL SHARLET-ET	USA 72123436						
STONE-RAIL SHARON-ET	USA 72123433			C			
STONE-RAIL SHOT ELAINE-ET	USA 62952579	C					
STONE-RAIL SHOTTLE JOLLY	USA 72123443					C	
STONE-RAIL SILVER KATLYN-ET	840003128800917						
STONE-RAIL SILVER KELSY-ET	840003128800916						
STONE-RAIL SILVER KENYA-ET	840003128800928						
STONE-RAIL SILVER KERBY-ET	840003128800922						
STONE-RAIL SILVER KERI-ET	840003128800919						
STONE-RAIL SILVER KIM-ET	840003128800915						
STONE-RAIL SILVER KIRSTY-ET	840003128800910						
STONE-RAIL SILVER KITE-ET	840003128800925						
STONE-RAIL SILVER KROGER-ET	840003128800918						
STONE-RAIL SKITTLES-ET	USA 72123304						
STONE-RAIL SKYLINE FRISKEY	USA 72123420						
STONE-RAIL SKYLINE KITTY-ET	USA 72123421						
STONE-RAIL SNICKERS-ET	USA 72123302						
STONE-RAIL SPLENDER-ET	840003128800943						
STONE-RAIL SPRING CINDY-ET	840003128800908						
STONE-RAIL SPRING PENNY-ET	840003128800923						
STONE-RAIL SPRING POLISH-ET	840003128800896						
STONE-RAIL SPRING PUPPET-ET	840003128800884						
STONE-RAIL SPRINKLE-ET	840003128800946						
STONE-RAIL STAR-ET	USA 72123440						
STONE-RAIL STARBURST-ET	USA 72123463						
STONE-RAIL SUPER ESTA-ET	USA 69279698						
STONE-RAIL SUPER ESTEE-ET	USA 69279700						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONE-RAIL SUPER TORO-ET	USA 70819146						
STONE-RAIL SUPER TRIXIE-ET	USA 69279692						
STONE-RAIL SUPERSIRE KIT-ET	USA 72123361						
STONE-RAIL SURVIVOR-ET	USA 72123460						
STONE-RAIL SWEET-ET	USA 72123439						
STONE-RAIL SWISS-ET	USA 72123445						
STONE-RAIL TANGO DANDY-ET	USA 72123451		C				
STONE-RAIL TANGO DASHER-ET	USA 72123462						
STONE-RAIL TANGO PICKLE-ET	USA 72123498		C				
STONE-RAIL TANGO PIZZA-ET	USA 72123495		C				
STONE-RAIL TANGO SUSAN	USA 72123468		C				
STONE-RAIL Z-ALEXIA-ET	USA 66558670						
STONE-RISE SHOTTLE SADIE-ET	USA 63950247						
STONE-RISE SHOTTLE SHINE-ET	USA 63950244					C	
STONE-RISE SHTL SPECKLES-ET	USA 63950254					C	
STONE-RISE TALENT LATTA-ET	USA 63950216						
STONEDEN A ROSS DIANE-RED	CAN 11195536						
STONEDEN BAXTER DIANE-RED	CAN 9782027						
STONEDEN BOOK EM DANO-RED-ET	CAN 11508979						
STONEDEN FOOLS GOLD-RED-ET	CAN 7702715						3
STONEDEN MOGUL DAVINE-RED-ET	CAN 11768908						
STONEDEN MOM DESERT-RED-ET	CAN 7697329						
STONEDEN MOM RED DAN-RED-ET	CAN 7697328						
STONEDEN MOM RED DRUM-RED-ET	CAN 7697330						
STONEDEN PT DANCER 5795-ET	USA 71859373						
STONEDEN PT DNR 5776-RED-ET	USA 71859354						
STONEDEN SNOWMAN DESIRE-RED-ET	CAN 11195544						
STONEHURST ARMNI BROOKE-RED	840003132197575						1
STONEHURST BAL CHASSY-ET	840003124680225						
STONEHURST BALIST CHELLY-ET	840003124771923						
STONEHURST BALIST CHERRY-ET	840003124771921						
STONEHURST BALIST CLASSY-ET	840003124771932						
STONEHURST BALISTO CLAIR-ET	840003124771924						
STONEHURST BRAXTON JUBILEE	USA 141625155						
STONEHURST CHELSEA-ET	USA 73167025						
STONEHURST CHROME CANDY	USA 73629644						
STONEHURST DK MISS HALLY-ET	840003131117631						
STONEHURST DK MISS HOLY-ET	840003131117634			C			
STONEHURST DK MISS HOPE-ET	840003131117636			C			
STONEHURST DK PAT HANNAH-ET	840003131117659						
STONEHURST DKPOWER HALO-ET	840003131117652						
STONEHURST DMN CHARISMA-ET	USA 72776419					C	
STONEHURST DRMN CHERISH-ET	USA 72776423					C	
STONEHURST GLD CHALICE-P-ET	840003013444620						
STONEHURST GNTCS CHEEZIT-ET	USA 71680415						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONEHURST GPP CHICA-ET	USA 72776420						
STONEHURST GPP CHRIS-ET	USA 72776422						
STONEHURST HALOGEN CARA-ET	840003127359427						
STONEHURST IOTA COCO	USA 70805583						
STONEHURST LAD BEA-P-RED	USA 71639243						1
STONEHURST LONG BEAUTY-P	840003124771930						
STONEHURST MANO CHERRY-ET	USA 72234136						
STONEHURST MCCTCH CLUTCH-ET	USA 72193376						
STONEHURST MCTCN CHESS-ET	USA 72193374						
STONEHURST NU CHARISA-ET	USA 72193316						
STONEHURST NU CHASITI-ET	USA 72193312						
STONEHURST NU CHESNA-ET	840003124680223						
STONEHURST NU CHESNI-ET	USA 72193310						
STONEHURST NU CHRISSY-ET	USA 71639219						
STONEHURST NU CHRISTA-ET	USA 72193313						
STONEHURST PB HALEY-ET	840003131735518			C			
STONEHURST PB HOLLY-ET	840003131735517			C			
STONEHURST PB HOLY-ET	840003131735525			C			
STONEHURST PLANET LAKESIDE	USA 141483223						
STONEHURST PRE CLARISSA-ET	840003013444624						
STONEHURST PRE CLASSY-ET	840003013444623						
STONEHURST PRE SARA-ET	840003013444631						3
STONEHURST PRE SASSY-ET	840003013444630						3
STONEHURST PRE SHINE-ET	840003013444628						3
STONEHURST PRE SHINY-ET	840003013444629						
STONEHURST PRE SUE-ET	840003013444632						3
STONEHURST PRED CHEY-ET	USA 72776407						3
STONEHURST RACER CASSIE	840003127359421						
STONEHURST RB AMELIA-RED-ET	USA 72643951						3
STONEHURST RELIEF CHER-ET	USA 72776400						
STONEHURST RELIEF CHLOE-ET	USA 72776402						
STONEHURST RELIEF COSMO-ET	USA 72901186						
STONEHURST SILVER ILLY-ET	USA 143479349						
STONEHURST SS SPORT-ET	USA 142538298						
STONEHURST SUPER CHRISTY-ET	USA 72234125						
STONEHURST TR CECELIA-P-ET	USA 71639244						
STONEHURST UNO ZANA-ET	USA 142494448			C			
STONEHURST WBROOK DOTTIE-ET	USA 72643959						3
STONEHURST WBROOK SUNKISD	840003009969695			C			1
STONENDEN MORGAN DOUGHNUT-RED	CAN 11768919					C	
STONEY-PATH ATLANTIC NARA	840003128911498						
STONEYHILL-VU RIC SAXTON	USA 72249704						
STONEYHILL-VU SHADOW-RED	USA 73658569						
STONEYHILL-VU SQ J-LUNN-RED	USA 141070106						
STONRIDGE-KD TAL BB DOLL-ET	840003001492634						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL ABRAHAM 8001	USA 72645808						
STONYKILL ABRAHAM 8003	USA 72645810						
STONYKILL ABRAHAM 8021	USA 72645828						
STONYKILL ABRAHAM 8025	USA 72645832						
STONYKILL ABRAHAM 8037	USA 72645844						
STONYKILL ABRAHAM 8046	USA 72645853						
STONYKILL ADDITION 8169	USA 72645976						
STONYKILL ADDITION 8172	USA 72645979						3
STONYKILL ADRIAN 8242	USA 73743674						
STONYKILL ADRIAN 8400	840003129808682						
STONYKILL ADRIAN 8431	840003129808713						
STONYKILL ADRIAN 8484	840003129808766						
STONYKILL ADRIAN 8490	840003129808772						
STONYKILL AMBIENT 8268	USA 73743700						
STONYKILL AMBIENT 8275	USA 73743707			C			
STONYKILL ANDY 7958	USA 71500579					C	
STONYKILL ANDY 7959	USA 71500580						3
STONYKILL APPLE BOY 7912	USA 71500533						
STONYKILL APPLE BOY 7913	USA 71500534						
STONYKILL APPLE BOY 7934	USA 71500555						
STONYKILL APPLE BOY 7943	USA 71500564			C			
STONYKILL APPLE BOY 7952	USA 71500573						
STONYKILL APPLETON 8291	USA 73743723						
STONYKILL APPLETON 8292	USA 73743724						
STONYKILL APPLETON 8295	USA 73743727						
STONYKILL APPLETON 8300	USA 73743732						
STONYKILL ARMOUR 8427	840003129808709						
STONYKILL ARMOUR 8439	840003129808721						
STONYKILL ARMOUR 8452	840003129808734						
STONYKILL ARTHUR 7715	USA 70317936						
STONYKILL AVENGER 8468	840003129808750						
STONYKILL AVENGER 8473	840003129808755						
STONYKILL AVENGER 8475	840003129808757						
STONYKILL AVENGER 8476	840003129808758						
STONYKILL AVIS 8236	USA 73743668		C				
STONYKILL AVIS 8246	USA 73743678						
STONYKILL AVIS 8254	USA 73743686		C				
STONYKILL AVIS 8255	USA 73743687						
STONYKILL BAIRD 8056	USA 72645863						
STONYKILL BAIRD 8057	USA 72645864						
STONYKILL BAM BAM 8305	USA 73743737	C					
STONYKILL BAM BAM 8316	USA 73743748						
STONYKILL BAM BAM 8320	USA 73743752						
STONYKILL BANKS 8107	USA 72645914						
STONYKILL BANNING 7697	USA 70317918						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL BARCELONA 8433	840003129808715						
STONYKILL BARCELONA 8435	840003129808717						
STONYKILL BARCELONA 8442	840003129808724						
STONYKILL BARCELONA 8445	840003129808727						
STONYKILL BARCELONA 8448	840003129808730						
STONYKILL BEAMER 8245	USA 73743677						
STONYKILL BEAU 8225	USA 73743657						
STONYKILL BEAU 8228-TW	USA 73743660						
STONYKILL BELIZE 8274	USA 73743706			C			
STONYKILL BENTLEY 8076	USA 72645883						
STONYKILL BENTLEY 8079	USA 72645886						
STONYKILL BINAS ISY 7924	USA 71500545			C			
STONYKILL BINAS ISY 7928	USA 71500549			C			
STONYKILL BINAS ISY 7942	USA 71500563			C			
STONYKILL BINAS ISY 8276	USA 73743708						
STONYKILL BOHDAN 7696	USA 70317917						
STONYKILL BOXER 8017	USA 72645824						
STONYKILL BOXER 8023	USA 72645830						
STONYKILL BOYOBOY 8027	USA 72645834						
STONYKILL BOYOBOY 8029	USA 72645836						
STONYKILL BOYOBOY 8031	USA 72645838						
STONYKILL BOYOBOY 8043	USA 72645850						
STONYKILL BOYOBOY 8059	USA 72645866						
STONYKILL BOYOBOY 8083	USA 72645890						
STONYKILL BOYOBOY 8087	USA 72645894						
STONYKILL BOYOBOY 8088	USA 72645895						
STONYKILL BOYOBOY 8098	USA 72645905						
STONYKILL BOYOBOY 8151	USA 72645958						
STONYKILL BOYOBOY 8190	USA 72645997		C				
STONYKILL BOYOBOY 8194	USA 72646001						
STONYKILL BOYOBOY 8197	USA 72646004						
STONYKILL BOYOBOY 8235	USA 73743667						
STONYKILL BOYOBOY 8249	USA 73743681						
STONYKILL BOYOBOY 8250	USA 73743682						
STONYKILL BROCK 8108	USA 72645915						
STONYKILL BROCK 8109	USA 72645916						
STONYKILL BROOKS 7681	USA 70317902						
STONYKILL BRUTUS 8417	840003129808699						
STONYKILL BRUTUS 8419	840003129808701						
STONYKILL BRUTUS 8421	840003129808703						
STONYKILL BRUTUS 8422	840003129808704						
STONYKILL BUD 7933	USA 71500554						
STONYKILL BUD 7936	USA 71500557						
STONYKILL BUD 7940	USA 71500561						
STONYKILL BUD 7945	USA 71500566						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL BUD 7949	USA 71500570	C					
STONYKILL BUD 7951	USA 71500572						
STONYKILL BUD 7964	USA 71500585						
STONYKILL BUD 7969	USA 71500590						
STONYKILL BUD 7971	USA 71500592						
STONYKILL BUD 7972	USA 71500593						
STONYKILL BUD 7990	USA 71500611						
STONYKILL BUD 7991	USA 71500612						
STONYKILL BUD 8009	USA 72645816						
STONYKILL BUD 8013	USA 72645820						
STONYKILL BUD 8033	USA 72645840						
STONYKILL BUD 8052	USA 72645859						
STONYKILL BUD 8127	USA 72645934						
STONYKILL BUD 8128	USA 72645935						
STONYKILL BUD 8130	USA 72645937						
STONYKILL BUD 8145	USA 72645952						1
STONYKILL BUD 8162	USA 72645969						
STONYKILL BUD 8163	USA 72645970						
STONYKILL BUMBLEBEE 8174	USA 72645981						
STONYKILL BUMBLEBEE 8177	USA 72645984			C			
STONYKILL BUMBLEBEE 8200	USA 73743632						
STONYKILL BUMBLEBEE 8222	USA 73743654						
STONYKILL CABELLA 8378	USA 73743810						
STONYKILL CABELLA 8382	USA 73743814						
STONYKILL CABELLA 8389	USA 73743821						
STONYKILL CABELLA 8393	USA 73743825						
STONYKILL CABELLA 8398	USA 73743830						
STONYKILL CABERY 8047	USA 72645854						
STONYKILL CABRIOLET 8296	USA 73743728						
STONYKILL CABRIOLET 8313	USA 73743745						
STONYKILL CABRIOLET 8315	USA 73743747						
STONYKILL CABRIOLET 8321	USA 73743753						
STONYKILL CABRIOLET 8341	USA 73743773						
STONYKILL CABRIOLET 8346	USA 73743778						
STONYKILL CABRIOLET 8355	USA 73743787						
STONYKILL CABRIOLET 8360	USA 73743792						
STONYKILL CABRIOLET 8373	USA 73743805						
STONYKILL CABRIOLET 8437	840003129808719						
STONYKILL CABRIOLET 8482	840003129808764						
STONYKILL CABRIOLET 8501	840003129808783						
STONYKILL CAESER 8114	USA 72645921						
STONYKILL CASANOVA 8436	840003129808718						
STONYKILL CASANOVA 8447	840003129808729						
STONYKILL CASANOVA 8449	840003129808731						
STONYKILL CASANOVA 8459	840003129808741						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL CASANOVA 8462	840003129808744						
STONYKILL CASANOVA 8466	840003129808748			C			
STONYKILL CASANOVA 8478	840003129808760						
STONYKILL CASANOVA 8530	840003129808812						
STONYKILL CASSINO 7685	USA 70317906						
STONYKILL CASSINO 7687	USA 70317908						
STONYKILL CASSINO 7700	USA 70317921						
STONYKILL CASSINO 7701	USA 70317922						
STONYKILL CASSINO 7704	USA 70317925						
STONYKILL CHAPEL 8119	USA 72645926						
STONYKILL CHAPEL 8129	USA 72645936						
STONYKILL CHARGER 8502	840003129808784						
STONYKILL CHARGER 8508	840003129808790			C			
STONYKILL CHARGER 8511	840003129808793						
STONYKILL CHARGER 8514	840003129808796						
STONYKILL CHASE 8039	USA 72645846						
STONYKILL CHASER 8519	840003129808801						
STONYKILL CHASER 8520	840003129808802						
STONYKILL CHASER 8525	840003129808807						
STONYKILL CHASER 8535	840003129808817						
STONYKILL CHIPPEWA 8289	USA 73743721						
STONYKILL CICERO 8075	USA 72645882	C				C	
STONYKILL CID 8143	USA 72645950						
STONYKILL CID 8144	USA 72645951						
STONYKILL CLARK 7925	USA 71500546						
STONYKILL CLAYBORNE 8262	USA 73743694						
STONYKILL COLE 7706	USA 70317927						
STONYKILL CYPRUS 8093	USA 72645900						
STONYKILL DABBLE 8152	USA 72645959						
STONYKILL DAKOMIN 8506	840003129808788						
STONYKILL DAKOMIN 8507	840003129808789						
STONYKILL DAKOMIN 8513	840003129808795						
STONYKILL DALHART 8238	USA 73743670						
STONYKILL DALHART 8240	USA 73743672						
STONYKILL DALHART 8244	USA 73743676						
STONYKILL DALHART 8247	USA 73743679						
STONYKILL DALHART 8252	USA 73743684						
STONYKILL DAUDEN ISY 7919	USA 71500540						
STONYKILL DE PRINCE 7908	USA 71500529						3
STONYKILL DE PRINCE 7910	USA 71500531						
STONYKILL DE PRINCE 7922	USA 71500543						1
STONYKILL DEDHAM 7938	USA 71500559						
STONYKILL DEFENDER 8081	USA 72645888						
STONYKILL DEFENDER 8089	USA 72645896						
STONYKILL DEFENDER 8096	USA 72645903						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL DELUXE 7962	USA 71500583						
STONYKILL DELUXE 7965	USA 71500586						
STONYKILL DELUXE 7967	USA 71500588		C				
STONYKILL DEUCE 8504	840003129808786						
STONYKILL DEUCE 8512	840003129808794						
STONYKILL DEUCE 8516	840003129808798						
STONYKILL DORITO 8028	USA 72645835			C			
STONYKILL DOWRY 7956	USA 71500577						
STONYKILL DOWRY 8133	USA 72645940						
STONYKILL DOWRY 8135	USA 72645942						
STONYKILL DOWRY 8136	USA 72645943						
STONYKILL DREW 7915	USA 71500536						
STONYKILL DUANE 7993	USA 71500614						
STONYKILL DYMON 8165	USA 72645972						
STONYKILL ECHO 8367	USA 73743799						
STONYKILL ELUSIVE 8394	USA 73743826						
STONYKILL ELUSIVE 8403	840003129808685						
STONYKILL ELUSIVE 8404	840003129808686						
STONYKILL ELUSIVE 8409	840003129808691						
STONYKILL ELUSIVE 8412	840003129808694						
STONYKILL EMERALD 8337	USA 73743769			C			
STONYKILL EMERALD 8338	USA 73743770						
STONYKILL EMERALD 8345	USA 73743777						
STONYKILL EMERALD 8518	840003129808800						
STONYKILL EMERALD 8531	840003129808813						
STONYKILL ENSIGN 7773	USA 70317994		C				
STONYKILL ERGY 8005	USA 72645812						
STONYKILL EXTEND 7768	USA 70317989	C					
STONYKILL FELIX 7981	USA 71500602						
STONYKILL FIVE STAR 8455	840003129808737						
STONYKILL FLORIDA 8265	USA 73743697						
STONYKILL FLYN 8333	USA 73743765						
STONYKILL FLYN 8339	USA 73743771						
STONYKILL FLYN 8350	USA 73743782						
STONYKILL FLYN 8356	USA 73743788						
STONYKILL FLYN 8359	USA 73743791						
STONYKILL FORTUNA 8209	USA 73743641						
STONYKILL FORTUNA 8210	USA 73743642						
STONYKILL FORTUNA 8216	USA 73743648						
STONYKILL FRANK 7769	USA 70317990						
STONYKILL FRANK 7774	USA 70317995						
STONYKILL FRANK 7775	USA 70317996						
STONYKILL FREDDIE 7683	USA 70317904						
STONYKILL FREDDIE 7686	USA 70317907						
STONYKILL FREDDIE 7695	USA 70317916						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL FREDDIE 7918	USA 71500539						
STONYKILL FREDDIE 7921	USA 71500542						
STONYKILL FREDDIE 7953	USA 71500574						
STONYKILL FREDDIE 7987	USA 71500608						
STONYKILL FREDDIE 7989	USA 71500610						
STONYKILL FREDDIE 7996	USA 71500617						
STONYKILL FREDDIE 8004	USA 72645811						
STONYKILL FREDDIE 8035	USA 72645842						
STONYKILL FREDDIE 8036	USA 72645843						
STONYKILL FREDDIE 8066	USA 72645873						
STONYKILL FREDDIE 8080	USA 72645887						
STONYKILL FREDDIE 8100	USA 72645907						
STONYKILL FREDDIE 8116	USA 72645923						
STONYKILL FREDDIE 8180	USA 72645987						
STONYKILL FREDDIE 8196	USA 72646003			C			
STONYKILL FREDDIE 8214	USA 73743646						
STONYKILL FREDDIE 8217	USA 73743649						
STONYKILL FREDDIE 8232	USA 73743664						
STONYKILL FREDDIE 8234	USA 73743666						
STONYKILL FREDDIE 8237	USA 73743669						
STONYKILL FREDDIE 8243	USA 73743675						
STONYKILL FREDDIE 8272	USA 73743704						
STONYKILL FREDDIE 8302	USA 73743734						
STONYKILL FREDDIE 8343	USA 73743775						
STONYKILL FREDDIE 8374	USA 73743806						
STONYKILL FREDDIE 8376	USA 73743808						
STONYKILL FREDDIE 8379	USA 73743811						
STONYKILL FREDDIE 8477	840003129808759						
STONYKILL FROST 8264	USA 73743696						
STONYKILL GALENO 7973	USA 71500594						
STONYKILL GALENO 7974	USA 71500595						
STONYKILL GALENO 7976	USA 71500597						
STONYKILL GALENO 7984	USA 71500605						
STONYKILL GALLOWAY 8537-TW	840003129808819		C				
STONYKILL GALLOWAY 8538-TW	840003129808820		C				
STONYKILL GALLOWAY 8539	840003129808821		C				
STONYKILL GALLOWAY 8544	840003129808826						
STONYKILL GARLANDO 8219	USA 73743651	C					
STONYKILL GENO 8184	USA 72645991						
STONYKILL GENO 8191	USA 72645998						
STONYKILL GERVASE 8192	USA 72645999						
STONYKILL GERVASE 8198	USA 72646005						
STONYKILL GERVASE 8199	USA 72646006						
STONYKILL GERVASE 8211	USA 73743643						
STONYKILL GERVASE 8220	USA 73743652						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL GERVASE 8227	USA 73743659					C	
STONYKILL GILDRI 7763	USA 70317984						
STONYKILL GLEN 7692	USA 70317913						
STONYKILL GRACETON 8517	840003129808799						
STONYKILL HANK 8551	840003129808833						
STONYKILL HANK 8557	840003129808839						
STONYKILL IDAHO 8523	840003129808805						
STONYKILL IDAHO 8529	840003129808811						
STONYKILL IDAHO 8534	840003129808816						
STONYKILL INDY 8285	USA 73743717						
STONYKILL INDY 8331	USA 73743763						
STONYKILL INDY 8371	USA 73743803						
STONYKILL INSIDER 8521	840003129808803						
STONYKILL INSIDER 8522	840003129808804						
STONYKILL INSIDER 8527	840003129808809						
STONYKILL INSIDER 8528	840003129808810						
STONYKILL INSIDER 8533	840003129808815						
STONYKILL INSIDER 8543	840003129808825						
STONYKILL INSIDER 8554	840003129808836						
STONYKILL JAGER 8166	USA 72645973						
STONYKILL JAKE 8054	USA 72645861					C	
STONYKILL JAKE 8065	USA 72645872						
STONYKILL JAKE 8101	USA 72645908						
STONYKILL JAKE 8104	USA 72645911						
STONYKILL JAKE 8105	USA 72645912						
STONYKILL JAKE 8120	USA 72645927						
STONYKILL JAKE 8121	USA 72645928						
STONYKILL JAKE 8176	USA 72645983						
STONYKILL JAKE 8178	USA 72645985						
STONYKILL JAKE 8195	USA 72646002						
STONYKILL JAKE 8201	USA 73743633						
STONYKILL JAKE 8207	USA 73743639						
STONYKILL JAKE 8208	USA 73743640						
STONYKILL JAKE 8223	USA 73743655						
STONYKILL JAYDEN 8134	USA 72645941			C			
STONYKILL JAYDEN 8140-TW	USA 72645947						
STONYKILL JAYDEN 8141-TW	USA 72645948						
STONYKILL JAYDEN 8147	USA 72645954						
STONYKILL JAYDEN 8148	USA 72645955						
STONYKILL JEDIDIAH 7911	USA 71500532						
STONYKILL JEOPARDY 8078	USA 72645885						
STONYKILL JEOPARDY 8091	USA 72645898						
STONYKILL JITTERBUG 8215	USA 73743647						
STONYKILL JITTERBUG 8263	USA 73743695						
STONYKILL JITTERBUG 8266	USA 73743698						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL JITTERBUG 8277	USA 73743709						
STONYKILL JITTERBUG 8286	USA 73743718						
STONYKILL JITTERBUG 8287	USA 73743719						
STONYKILL JITTERBUG 8288	USA 73743720						
STONYKILL JITTERBUG 8303	USA 73743735						
STONYKILL JITTERBUG 8308	USA 73743740						
STONYKILL JITTERBUG 8323	USA 73743755						
STONYKILL JITTERBUG 8327	USA 73743759						
STONYKILL JITTERBUG 8369	USA 73743801						
STONYKILL KARSTEN 7778	USA 70317999						
STONYKILL LASZLO 7985-TW	USA 71500606	C		C			
STONYKILL LASZLO 7986-TW	USA 71500607						
STONYKILL LAWMAN 8383	USA 73743815						
STONYKILL LAWMAN 8386	USA 73743818			C			
STONYKILL LAWMAN 8387	USA 73743819						
STONYKILL LAWMAN 8388	USA 73743820						
STONYKILL LAWMAN 8396	USA 73743828						
STONYKILL LAWMAN 8444	840003129808726						
STONYKILL LAWMAN 8453	840003129808735						
STONYKILL LAWMAN 8454	840003129808736						
STONYKILL LAWMAN 8464	840003129808746						
STONYKILL LAWMAN 8469	840003129808751						
STONYKILL LAWMAN 8500	840003129808782						
STONYKILL LAWMAN 8546	840003129808828						
STONYKILL LAWMAN 8558	840003129808840						
STONYKILL LEADED 8391	USA 73743823						
STONYKILL LEADED 8392	USA 73743824						
STONYKILL LEDGE 7914	USA 71500535						
STONYKILL LIFELONG 8304	USA 73743736						
STONYKILL LIFELONG 8309	USA 73743741						
STONYKILL LIFELONG 8329	USA 73743761						
STONYKILL LIFELONG 8330	USA 73743762						
STONYKILL LIFELONG 8336	USA 73743768						
STONYKILL LITTLE JOE 8282	USA 73743714						
STONYKILL LITTLE JOE 8283	USA 73743715						
STONYKILL LOGAN 8015	USA 72645822			C			
STONYKILL LOMBARDI 8233	USA 73743665						
STONYKILL LOMBARDI 8290	USA 73743722						
STONYKILL LOMBARDI 8294	USA 73743726						
STONYKILL LOMBARDI 8310	USA 73743742						1
STONYKILL LOMBARDI 8312	USA 73743744						
STONYKILL LOMBARDI 8318	USA 73743750						
STONYKILL LOMBARDI 8326	USA 73743758						
STONYKILL LOWDOWN 8470	840003129808752						
STONYKILL LOWDOWN 8472	840003129808754						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL LOYAL 8040	USA 72645847						
STONYKILL LOYAL 8044	USA 72645851						
STONYKILL LOYAL 8050	USA 72645857						
STONYKILL LUCKYCHARM 8299	USA 73743731						
STONYKILL LUCKYCHARM 8314	USA 73743746						
STONYKILL LUCKYCHARM 8319	USA 73743751						
STONYKILL LUCKYCHARM 8325	USA 73743757						
STONYKILL LUKA 8248	USA 73743680						
STONYKILL MAD MAX 8402	840003129808684						
STONYKILL MAD MAX 8407	840003129808689						
STONYKILL MAD MAX 8410	840003129808692						
STONYKILL MAD MAX 8415	840003129808697						
STONYKILL MADRID 8406	840003129808688						3
STONYKILL MADRID 8430	840003129808712						1
STONYKILL MADRID 8434	840003129808716						1
STONYKILL MAGNATE 8424	840003129808706						
STONYKILL MAGNATE 8425	840003129808707						
STONYKILL MAGNATE 8428	840003129808710						
STONYKILL MAGNATE 8524	840003129808806						
STONYKILL MAINE 8041	USA 72645848						
STONYKILL MAMBO 8241	USA 73743673						
STONYKILL MAMBO 8253	USA 73743685						
STONYKILL MAMBO 8258	USA 73743690						
STONYKILL MANCHE 7688	USA 70317909						
STONYKILL MANCHE 7691	USA 70317912						
STONYKILL MANCHE 7693	USA 70317914						
STONYKILL MANCHE 7694	USA 70317915						
STONYKILL MANCHU 8038	USA 72645845						
STONYKILL MANDORA 8020	USA 72645827						
STONYKILL MANDORA 8022	USA 72645829						
STONYKILL MAPLETON 7961	USA 71500582						
STONYKILL MAURICE 7684	USA 70317905	C					
STONYKILL MAYHEM 7935	USA 71500556						
STONYKILL MAYHEM 7957	USA 71500578						
STONYKILL MAYHEM 7995	USA 71500616						
STONYKILL MENDOZA 8026	USA 72645833						
STONYKILL MINDORO 8270	USA 73743702						
STONYKILL MINDORO 8273	USA 73743705						
STONYKILL MISFIRE 7708	USA 70317929						
STONYKILL MOKWA 7932	USA 71500553						
STONYKILL MORGAN 7968	USA 71500589						
STONYKILL MUEZZA 8071	USA 72645878		C				
STONYKILL MY WAY 8280	USA 73743712						
STONYKILL MYTH 8085	USA 72645892						
STONYKILL MYTH 8094	USA 72645901						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL MYTH 8099	USA 72645906						
STONYKILL MYTH 8103	USA 72645910						
STONYKILL NEWT 7970	USA 71500591					C	
STONYKILL O-STYLE 8142	USA 72645949			C			
STONYKILL O-STYLE 8179	USA 72645986						
STONYKILL O-STYLE 8204	USA 73743636						
STONYKILL O-STYLE 8267	USA 73743699			C			
STONYKILL ONYX 8062	USA 72645869			C			
STONYKILL ONYX 8064	USA 72645871			C			
STONYKILL ONYX 8067	USA 72645874			C			
STONYKILL ONYX 8070	USA 72645877						
STONYKILL PANTHER 8132	USA 72645939						
STONYKILL PAY CHECK 8348	USA 73743780						
STONYKILL PAY CHECK 8364	USA 73743796						
STONYKILL PAY CHECK 8365	USA 73743797						
STONYKILL PAY CHECK 8368	USA 73743800			C			
STONYKILL PERRY 8074	USA 72645881						
STONYKILL PERRY 8168	USA 72645975						
STONYKILL PERRY 8171	USA 72645978					C	
STONYKILL PERRY 8173	USA 72645980					C	
STONYKILL PEWTER 8006	USA 72645813					C	
STONYKILL PEWTER 8007	USA 72645814						
STONYKILL PEWTER 8008	USA 72645815						
STONYKILL PICABO 8221	USA 73743653						
STONYKILL PIRANHA-P 8456	840003129808738						
STONYKILL PIRANHA-P 8460	840003129808742		C				
STONYKILL PIRANHA-P 8465	840003129808747						
STONYKILL POPEYE 8414	840003129808696						
STONYKILL POPEYE 8416	840003129808698						
STONYKILL PORTIS 7937	USA 71500558						
STONYKILL PORTIS 7941	USA 71500562						
STONYKILL PRAISE 8251	USA 73743683						
STONYKILL PRIMERO 8486	840003129808768						
STONYKILL PRIMERO 8487	840003129808769						
STONYKILL PRIMERO 8497	840003129808779						
STONYKILL PRIMERO 8505	840003129808787						
STONYKILL PRIMUS 8212	USA 73743644						
STONYKILL PRIMUS 8271	USA 73743703						
STONYKILL PROCEED 8549	840003129808831						
STONYKILL PROCEED 8552	840003129808834						
STONYKILL PROCEED 8553	840003129808835						
STONYKILL RAINIER 8082	USA 72645889						
STONYKILL REASON 8189	USA 72645996						
STONYKILL REASON 8193	USA 72646000						
STONYKILL RIDOTT 8030	USA 72645837						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL RIPKEN 8429	840003129808711	C					
STONYKILL RIPKEN 8446	840003129808728						
STONYKILL RIPKEN 8450	840003129808732	C					1
STONYKILL SAJAC 8010	USA 72645817			C			
STONYKILL SALTIN 7982	USA 71500603						
STONYKILL SALTIN 7988	USA 71500609			C			
STONYKILL SALVINO 8384	USA 73743816						
STONYKILL SALVINO 8413	840003129808695						
STONYKILL SAMPSON 8515	840003129808797						
STONYKILL SAMPSON 8526	840003129808808						1
STONYKILL SAMPSON 8536	840003129808818						
STONYKILL SAMPSON 8540	840003129808822						
STONYKILL SANDSTONE 8354	USA 73743786						
STONYKILL SANDSTONE 8366	USA 73743798						
STONYKILL SANDSTONE 8370	USA 73743802						
STONYKILL SANGRIA 8545	840003129808827						
STONYKILL SANGRIA 8556-TW	840003129808838						
STONYKILL SANTINO 7963	USA 71500584						
STONYKILL SASON 7955	USA 71500576						
STONYKILL SASON 7980	USA 71500601						
STONYKILL SASON 7992	USA 71500613						
STONYKILL SASON 7999	USA 71500620						
STONYKILL SASON 8002	USA 72645809						
STONYKILL SASON 8012	USA 72645819						
STONYKILL SASON 8018	USA 72645825						
STONYKILL SAVION 8181	USA 72645988						
STONYKILL SAVION 8182	USA 72645989						
STONYKILL SAYBROOK 7997	USA 71500618						
STONYKILL SEBASTIAN 7709	USA 70317930						
STONYKILL SEBASTIAN 7771	USA 70317992						
STONYKILL SEBASTIAN 7779	USA 70318000						
STONYKILL SEQUOIA 8019	USA 72645826						
STONYKILL SEQUOIA 8034	USA 72645841	C					
STONYKILL SERGIO 7975	USA 71500596						
STONYKILL SHAMPOO 7699	USA 70317920						
STONYKILL SHEEN 8117	USA 72645924						
STONYKILL SHEEN 8122	USA 72645929					C	
STONYKILL SIDEBET 7680	USA 70317901						
STONYKILL SIDEBET 7689	USA 70317910						
STONYKILL SIDEBET 7690	USA 70317911						
STONYKILL SINCERE 8187	USA 72645994						
STONYKILL SOLSTICE 7954	USA 71500575						
STONYKILL SOUTHERN 7766	USA 70317987						
STONYKILL SOUTHERN 7767	USA 70317988						
STONYKILL SPEEDY 8060	USA 72645867						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL SPEEDY 8061	USA 72645868						
STONYKILL STAMINA 8381	USA 73743813						
STONYKILL STAMINA 8385	USA 73743817						
STONYKILL STAMINA 8390	USA 73743822						
STONYKILL STAR 8432	840003129808714						
STONYKILL STAR 8440	840003129808722						
STONYKILL STAR 8441	840003129808723						
STONYKILL STOIC 8317	USA 73743749						
STONYKILL STOIC 8324	USA 73743756						
STONYKILL STOIC 8328	USA 73743760						
STONYKILL SUPER 7703	USA 70317924						
STONYKILL SUPER 7926	USA 71500547						
STONYKILL SUPER 7930	USA 71500551						
STONYKILL SUPER 7946	USA 71500567						
STONYKILL SUPER 7960	USA 71500581						
STONYKILL SUPER 7994	USA 71500615						
STONYKILL SUPER 7998	USA 71500619						
STONYKILL SUPER 8000	USA 72645807						
STONYKILL SUPER 8048	USA 72645855						
STONYKILL SUPER 8053	USA 72645860						
STONYKILL SUPER 8055	USA 72645862						
STONYKILL SUPER 8077	USA 72645884						
STONYKILL SUPER 8086	USA 72645893						
STONYKILL SUPER 8102	USA 72645909						
STONYKILL SUPER 8111	USA 72645918						
STONYKILL SUPER 8112	USA 72645919						
STONYKILL SUPER 8123	USA 72645930						
STONYKILL SUPER 8125	USA 72645932						
STONYKILL SUPER 8149	USA 72645956						
STONYKILL SUPER 8164	USA 72645971						
STONYKILL SUPERMAN 8489	840003129808771						
STONYKILL SUPERMAN 8494	840003129808776						
STONYKILL SUPERMAN 8503	840003129808785						
STONYKILL SUPERSTAR 8480	840003129808762						
STONYKILL SUPERSTAR 8483	840003129808765						
STONYKILL SUPERSTAR 8488	840003129808770	C		C			
STONYKILL SUPERSTAR 8491	840003129808773						
STONYKILL SUPERSTAR 8492	840003129808774						
STONYKILL SUPERSTAR 8498	840003129808780						
STONYKILL SY-P 8203	USA 73743635						
STONYKILL SYRACUSE 8358	USA 73743790						
STONYKILL SYRACUSE 8380	USA 73743812						
STONYKILL TALISMAN 8335	USA 73743767						
STONYKILL TALISMAN 8340	USA 73743772						
STONYKILL TALISMAN 8344	USA 73743776						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL TALISMAN 8351	USA 73743783						
STONYKILL TAMPA 8397	USA 73743829						
STONYKILL TAMPA 8399	USA 73743831						
STONYKILL TAMPA 8438	840003129808720						
STONYKILL TAMPA 8458	840003129808740			C			
STONYKILL TAMPA 8471	840003129808753						
STONYKILL TAMPA 8479	840003129808761						
STONYKILL TANNENBAUM 8183	USA 72645990	C					
STONYKILL TANNENBAUM 8257	USA 73743689						
STONYKILL TANNENBAUM 8260	USA 73743692						
STONYKILL TAURINE 8202	USA 73743634			C			
STONYKILL TAURINE 8218	USA 73743650						
STONYKILL TAURINO 8297	USA 73743729						
STONYKILL TEAGAN 7772	USA 70317993						
STONYKILL TEAGAN 7776	USA 70317997						
STONYKILL TEAGAN 7777	USA 70317998						
STONYKILL TENDER 8301	USA 73743733						
STONYKILL TENDER 8307	USA 73743739						
STONYKILL TERIUM 8115	USA 72645922						
STONYKILL THORNE 8372	USA 73743804						
STONYKILL THORNE 8375	USA 73743807						
STONYKILL TORNADO 7770	USA 70317991						
STONYKILL TOUCH 8045	USA 72645852						
STONYKILL TOYSTORY 8157	USA 72645964						
STONYKILL TOYSTORY 8160	USA 72645967						
STONYKILL TOYSTORY 8167	USA 72645974						
STONYKILL TRAVINO 8110	USA 72645917						
STONYKILL TRAVINO 8113	USA 72645920						
STONYKILL TRILLION 7944	USA 71500565						
STONYKILL TRIVIA 8332	USA 73743764						
STONYKILL TRIVIA 8342	USA 73743774						
STONYKILL TUSCOBIA 8156	USA 72645963						
STONYKILL TUSCOBIA 8159	USA 72645966						
STONYKILL TWAYNE 8175	USA 72645982						
STONYKILL TYRO 8170	USA 72645977						
STONYKILL TYRO 8186	USA 72645993						
STONYKILL UNIQUE 8063	USA 72645870						
STONYKILL UNIQUE 8068	USA 72645875						
STONYKILL UNITED 7707	USA 70317928						
STONYKILL UNITED 7710	USA 70317931						
STONYKILL UNITED 7711	USA 70317932						
STONYKILL UNITED 7712	USA 70317933						
STONYKILL UNITED 7713	USA 70317934						
STONYKILL UNITED 7714	USA 70317935						
STONYKILL VANDAL 8016	USA 72645823						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYKILL VECTOR 8069	USA 72645876						
STONYKILL VEGAS 8281	USA 73743713						
STONYKILL VILLE 8126	USA 72645933						
STONYKILL WILTON 7929	USA 71500550						
STONYKILL WILTON 7966	USA 71500587						
STONYKILL WINDMILL 7679	USA 70317900						
STONYKILL WINDMILL 7682	USA 70317903						
STONYKILL WYNNER 7698	USA 70317919						
STONYKILL WYNNER 7705	USA 70317926						1
STONYKILL Y NOT 8493	840003129808775						
STONYKILL Y NOT 8495	840003129808777						
STONYKILL Y NOT 8499	840003129808781						
STONYKILL YALE 8072	USA 72645879						
STONYKILL YALE 8073	USA 72645880						
STONYKILL YAMUNA 8213	USA 73743645						
STONYKILL YANO 7879	USA 71500500						
STONYKILL YANO 7895	USA 71500516						
STONYKILL YANO 7917	USA 71500538						
STONYKILL YANO 8205	USA 73743637						
STONYKILL YANO 8226	USA 73743658						
STONYKILL YANO 8230	USA 73743662						
STONYKILL YANTRA 8161	USA 72645968						
STONYKILL YEN 8401	840003129808683						
STONYKILL YEN 8405	840003129808687						
STONYKILL YESTERDAY 8293	USA 73743725						
STONYKILL YESTERDAY 8311	USA 73743743						
STONYKILL YING YANG 8347	USA 73743779						
STONYKILL YING YANG 8357	USA 73743789						
STONYKILL YOUNKER 8106	USA 72645913						
STONYKILL YUKIO 8547	840003129808829	C					
STONYKILL YUMA 8457	840003129808739						
STONYKILL YUMA 8461	840003129808743						
STONYKILL ZEKI 8131	USA 72645938						
STONYKILL ZITAU 7916	USA 71500537						
STONYKILL ZITAU 7927	USA 71500548	C					
STONYRUN ALCHEMY LACY-ET	USA 71956468						
STONYRUN AUSSIE OZARK	USA 71956507						
STONYRUN B OAK LOUISIANA-ET	USA 73167036						
STONYRUN KINGBOY BRETTA-ET	USA 74353073						
STONYRUN KINGBOY BRINTON-ET	USA 74353082						
STONYRUN MOM SHERILYN-ET	USA 73167055						
STONYRUN OAK LACEY-ET	USA 73167028						
STONYRUN OAK LAMPSTAND-ET	USA 73167029						
STONYRUN OAK LOPEZ-ET	USA 73167047						
STONYRUN PAT OAK LANAE-RED	840003134084161						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYRUN PLANET KAY	USA 60902400					C	1
STONYRUN PRIM LADY-RED-ET	USA 73167049						
STONYRUN PRIMUS LAURA-ET	USA 74353071						
STONYRUN SILVER BULLET-ET	840003134084163						
STONYVALE AHEAD EVIE	840003127567517						
STONYVALE AHEAD RAVISH	840003126034954						
STONYVALE ALAN GOLDILOCKS	USA 69926584						
STONYVALE ANDERSON GINGER	840003010930104						
STONYVALE ANDERSON GOLD	840003010930071						
STONYVALE ARGON AVERY	840003010375821					C	
STONYVALE ARGON SODA	840003010375784	C					
STONYVALE BALDWIN CRI-ET	USA 70541679						
STONYVALE BDK HOLLYBERRY-ET	840003010930095						1
STONYVALE BDNK ACAIBERRY-ET	840003011530855						1
STONYVALE BDNK CRANBERRY-ET	USA 71028388						1
STONYVALE BEAU 8599	840003011531002						
STONYVALE BEAU RENEGADE	840003011530867						
STONYVALE BELAIR BRYANT	840003127567582						
STONYVALE BELAIR RAINBERRY	840003127567668						
STONYVALE BIG BANG JULIE	840003010375915						
STONYVALE BKEM SPEARMINT-ET	USA 70712807						
STONYVALE BKM BUBBLEMINT-ET	USA 70712841						
STONYVALE BKM PEPPERMINT-ET	USA 70712784						
STONYVALE BLUEBOY JUSTINE	840003126035102						
STONYVALE BN HUCKLEBERRY-ET	840003012325951						1
STONYVALE BNK STRAWBERRY-ET	USA 71028384						
STONYVALE BOMB BELLANCA-ET	840003127567513						
STONYVALE BOMB BRUBAKER-ET	840003127567572						
STONYVALE BOMBERO BREYER	840003127567674		C				
STONYVALE BOMBERO JANY	840003127567621					C	
STONYVALE BOMBRO BURGESS-ET	840003127567592						
STONYVALE BOOKEM 7970	USA 71028422						
STONYVALE BOOKEM ELSA	840003127567687						
STONYVALE BOOKEM TAFFY	840003010375921						
STONYVALE BOOKEM WREN	840003012325972						
STONYVALE BOYSENBERRY-ET	840003123620407						1
STONYVALE BRDK VERYBERRY-ET	840003010930119						
STONYVALE BRK CHOKEBERRY-ET	840003012326037						1
STONYVALE BRK CLOUDBERRY-ET	840003012326043						
STONYVALE BRK LOGANBERRY-ET	840003012326044						1
STONYVALE BRONO RAZE-ET	840003012325916						
STONYVALE BRONO RAZOR-ET	840003012325915					C	
STONYVALE BURBERRY-ET	840003126034941						
STONYVALE BUTTERMINT-ET	840003010375939						
STONYVALE CASHCOIN DETROIT	840003123620265						1

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STONYVALE CASHCOIN GLINDA	840003013713404						1
STONYVALE CASHCOIN TEXAS	840003123620216						1
STONYVALE CHERRYBERRY	840003130698388						
STONYVALE COLT P REGINA	840003013713436						
STONYVALE CRANK IT 9949	840003132390794						
STONYVALE CRANK IT NINA-ET	840003130698263						
STONYVALE CRANK IT VIPER	840003132390695						
STONYVALE CYPRUS RIGBY	USA 70299420						
STONYVALE DADDY FROSTY	840003010930065		C				
STONYVALE DADDY GIRL	840003011530833						
STONYVALE DAY BARCLAY	840003011530987		C				
STONYVALE DAY TRIPPER-ET	840003010930114						
STONYVALE DECEIVER FROST	840003126035030						
STONYVALE DECEIVER WENDY	840003127567671						
STONYVALE DEMO 7861	USA 71028313						
STONYVALE DENVER RAFFLE-ET	840003130698267						
STONYVALE DESHAUN BAYLOR	840003130698344						3
STONYVALE DESHAUN KEVLAR	840003130698351						
STONYVALE DEYJA JAYDEE	840003127567542						
STONYVALE DONATELLO RAYYA	840003130698278						
STONYVALE DUDE FRANCINE	840003127567511						
STONYVALE ECOYNE ISY ROBIN	840003012325944						
STONYVALE EPC JELLYSTONE-ET	840003010929925						
STONYVALE EPIC JACEY	840003010929924		C				
STONYVALE EPIC RUGER	840003010375879						
STONYVALE FACEBOOK JILLIAN	840003010375755		C				
STONYVALE FLAME INFERNO-ET	840003127567673						
STONYVALE FOGLE COW	840003010375769						3
STONYVALE FRESHMINT-ET	840003010929961						
STONYVALE GARCIA ROSA	840003011530868						
STONYVALE GOLD CHIP MOO	USA 71028438						
STONYVALE GRAFEETI 7971	USA 71028423			C			1
STONYVALE GREENWAY KAIROS	840003126035107						
STONYVALE GREGARIOUS 9596	840003127567702						
STONYVALE GREGARIOUS RUM	840003132390732						
STONYVALE GRFEETI FROSTMINT	840003013713370						
STONYVALE GRNWY SHORTSTACK	840003127567507						
STONYVALE HAGAR RAZZBERRY	840003127567593						
STONYVALE HALOGEN YOGI	840003123620360						
STONYVALE HEADLINER BRANDY	840003011530967						
STONYVALE HEADLINER MINNOW	840003011530985						
STONYVALE HEADLINER SKYLER	840003127567600						1
STONYVALE HEADLINER YUKON	840003127567616						
STONYVALE HONEYBEE 9513	840003127567619						
STONYVALE HONEYBEE 9526	840003127567632						

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STONYVALE IMPRESSN FRIBBLE	840003126035082						
STONYVALE IMPRESSN SELTZER	840003127567570						
STONYVALE JABIR FREEZE	840003126035094		C				
STONYVALE JABIR RUBIX	840003127567584						
STONYVALE JACEY KACEY	840003013713259						
STONYVALE JACY CHRISMINT-ET	840003013713352						
STONYVALE JOSUPER BELLINI	840003130698360						
STONYVALE JUNIORMINT-ET	840003010929953						
STONYVALE KINGBOY SUNBERRY	840003130698243						
STONYVALE KINGBOY TICKET-ET	840003127567583						
STONYVALE KINGBOY TROPHY-ET	840003127567684						
STONYVALE KINGBOY TRUEX-ET	840003127567625						
STONYVALE KINGPIN RADELLA	840003127567595						
STONYVALE L G NICKEL-ET	840003123620226						
STONYVALE L G NITROGEN-ET	840003123620230						
STONYVALE LA-BRON SWEETMINT	840003123620391						
STONYVALE LAN LINGONBERRY	840003130698413						
STONYVALE LANCE EDEN	840003011530830						
STONYVALE LANCOME JUMBLE	840003126034996						
STONYVALE LANCOME RASSELA	840003127567699						
STONYVALE LANCOME STELLA	840003126034968						
STONYVALE LATIMER ROSABELL	840003011530881						1
STONYVALE LATIMER RUBENA	840003011530879						1
STONYVALE LATIMER RUMFORD	840003013713246						1
STONYVALE LATROY RAFIKI-ET	USA 71028386						
STONYVALE LATRY RAPUNZEL-ET	USA 71028389					C	
STONYVALE LAVAMAN SKOR-ET	840003011530908						1
STONYVALE LAVAMAN SPREE-ET	840003011530906						
STONYVALE LEXOR ARCTIC	840003123620368						1
STONYVALE LEXOR AUGUSTA	840003011530853						
STONYVALE LEXOR KASSIDY	840003123620402						
STONYVALE LEXOR KITKAT	840003123620227						
STONYVALE LEXOR SAGE CRI-ET	840003011817112						
STONYVALE LIMOR RYE	840003011530813					C	
STONYVALE LIQUD GOLD AUSSIE	840003123620386						
STONYVALE LIQUID GOLD VELMA	840003123620267						
STONYVALE LITH DAR CRI-ET	840003011817224						
STONYVALE LITH REIKO CRI-ET	840003011817206						
STONYVALE LIVEWIRE 9968	840003132390813						
STONYVALE LOCHINVAR KARMEL	840003126035055						
STONYVALE LR SPECIALDARK-ET	840003011530972						
STONYVALE LTMR BOMBARDIER	840003011530865						
STONYVALE LTMR YELLOWSTONE	840003011530890						1
STONYVALE LTMX PINOCCHIO-ET	840003127567594						
STONYVALE MACK CRAISIN	840003013713430						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
STONYVALE MACK NELLY-ET	840003123620294						
STONYVALE MACK NEMO-ET	840003013713420						
STONYVALE MACK NEON-ET	840003013713423						
STONYVALE MCTCHN SHORTBREAD	840003011530824						
STONYVALE MERDIAN PUZZLE-ET	840003011530911						
STONYVALE MERIDIAN SHASTA	840003127567624						
STONYVALE MILLINGTN KITTERY	840003132390762						
STONYVALE MINTMAKER JEWEL	840003010929926						
STONYVALE MISSOURI MINTRUSH	840003130698395					C	
STONYVALE MIXER BISCAYNE-ET	840003010375848						
STONYVALE MOGUL 9218	840003126034934						
STONYVALE MOGUL 9284	840003126035000						
STONYVALE MOGUL 9299	840003126035015						
STONYVALE MOGUL 9603	840003130698245						
STONYVALE MOGUL ELDERBERRY	840003132390670						
STONYVALE MONTEREY KATAHDIN	840003132390812						
STONYVALE MONTEREY SKIPPY	840003132390785						
STONYVALE MONTROSS IRIS-TW	840003130698313						
STONYVALE MONTROSS ITSY-TW	840003130698312						
STONYVALE MONTROSS VIXEN	840003126035023						
STONYVALE MOONBOY KEVLIN-ET	840003010930027						
STONYVALE MOONBOY KILEY-ET	840003010930076			C			
STONYVALE MOVIERUSH TICTAC	840003012325948						
STONYVALE MSCLSE SKITTLE-ET	840003011530858						
STONYVALE MSCLSE SNICKER-ET	840003011530857						
STONYVALE MSSOURI BYRONITA	840003130698406						
STONYVALE MTRS SHORTCAKE-ET	840003126035048						
STONYVALE NOMINEE ELMO	840003123620304						
STONYVALE NUM UNO BORDEAUX	840003013713302						
STONYVALE NUMBER ONE ELSIE	840003012325906						
STONYVALE NUMERO UNO RAISIN	840003123620270						
STONYVALE O-STYLE FROSTBITE	USA 71028373			C			
STONYVALE O-STYLE JAYNA	USA 71028322			C		C	
STONYVALE O-STYLE RAQUEL	840003010375746						
STONYVALE OAK ANDREA	840003013713248					C	
STONYVALE OAK GINA-ET	840003123620315						
STONYVALE OAK JAYME	840003013713323						
STONYVALE OAK MERIDA	840003123620223						
STONYVALE OBSERVER 7655	USA 70712837						
STONYVALE OBSERVER TWINKIE	840003010375774						
STONYVALE OBSERVER VAMPIRE	USA 69926545						
STONYVALE OLYMPIAN USA	840003127567608						
STONYVALE ONE BOURBON-ET	840003011530883						
STONYVALE PATRIOT BRADY	840003010929997						
STONYVALE PERRY WISH	840003010375863						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYVALE PETERPAN 9630	840003130698272						
STONYVALE PLANET 8535	840003011530938						
STONYVALE PLANET MARS	USA 71028413						
STONYVALE PRES BUCKEYE-ET	840003127567580						
STONYVALE PRESIDENT DOLLY	840003126035075						
STONYVALE PRESIDNT BRINN-ET	840003127567591						
STONYVALE PROSPECTOR QUINN	840003010375872						
STONYVALE PTRIOT POCAHONTAS	840003123620234						
STONYVALE PUNCH 9173	840003123620387						
STONYVALE PURE ELECTRICITY	840003130698248						
STONYVALE PURE IDITAROD-ET	840003127567566						
STONYVALE PURE KITE	840003127567682						
STONYVALE RACER AMAZON	840003126034994						
STONYVALE RACER DANICA	840003123620354						
STONYVALE RACER FIREMINT	840003126034946						
STONYVALE RACER FLYNN	840003126035040						
STONYVALE RACER TIMON	840003123620316						
STONYVALE RANGER GLORIA	840003123620232						
STONYVALE RANSOM BECK	840003132390649						
STONYVALE RBST DANBURYMINT	840003010930113						
STONYVALE RBST TALLADEGA-ET	840003010375758						
STONYVALE ROBUST BAYOU	840003010930028						3
STONYVALE ROBUST DAYTONA-ET	USA 71028445						
STONYVALE ROBUST ELOISE-ET	USA 70712908						
STONYVALE ROBUST FLIP	840003010930035						
STONYVALE ROBUST INDY-ET	840003010375763						
STONYVALE ROBUST LOUDEN-ET	USA 71028329						
STONYVALE ROBUST NILE-ET	USA 71028376						
STONYVALE ROBUST POCONO-ET	840003010375780						
STONYVALE ROBUST RIO-ET	USA 71028372						
STONYVALE ROBUST VEGAS-ET	840003010375782						
STONYVALE RUBICN HALLEBERRY	840003130698403						1
STONYVALE SHAKESPEAR INDIGO	840003013713429						
STONYVALE SHAMRCK KAILAN-ET	USA 71028314						
STONYVALE SHAMRCK KITTEN-ET	USA 71028374						
STONYVALE SHAMROCK ESTER-ET	USA 70712974						
STONYVALE SHAMROCK KELLY-ET	USA 71028317						
STONYVALE SHAMROCK RAEBERRY	840003011530960						
STONYVALE SHAMROCK TRISCUIT	840003123620293						
STONYVALE SHAN ELLA-TW	840003012325913						
STONYVALE SHAN ELLY-TW	840003012325914						
STONYVALE SHANDRO AZRIAL	840003123620252						
STONYVALE SHIMONE ROXY	840003011530922						
STONYVALE SILVER IMPALA-ET	840003130698277						
STONYVALE SPECKLEMINT-ET	840003010929933						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STONYVALE SPRSIRE PUMBAA-ET	840003123620327						
STONYVALE SPRSONIC BORCELO	840003010929962						
STONYVALE STERLING BRIE	840003011530984		C				
STONYVALE STERLING FROZEN	840003123620233			C			
STONYVALE STERLING OPAL	840003011530927						
STONYVALE STERLING RAZA-ET	840003012326018						
STONYVALE STERLNG RAZIYA-ET	840003012325946						
STONYVALE STERLNG RAZLYN-ET	840003011530914					C	
STONYVALE STERLNG RAZZLE-ET	840003011530909					C	
STONYVALE STRLNG RAZUNA-ET	840003012326061						
STONYVALE SUPERSIRE ZAZU-ET	840003123620217						
STONYVALE TANGO OLIVE	840003127567681						
STONYVALE UNO APPLEBERRY	840003127567676						
STONYVALE WINTERMINT-ET	840003010929956						
STONYVALE YANO 7962	USA 71028414		C				
STONYVALE YANO RAINBOW	840003012325981						
STONYVALE YODER AVA	840003130698330						
STONYVALE YODER ECHO	840003135792422						
STONYVALE YODER ELAINE	840003127567704						
STONYVALE YODER HONEYBERRY	840003130698270						
STONYVALE YODER NEWENGLAND	840003130698295						
STONYVALE YUENGLING 7911	USA 71028363						
STONYVALE ZAZU OLIVIA-ET	840003010375757						
STOOTS ACTIVE WAITALITLE-ET	USA 65895317						
STOOTS ACTIVE WANDA-ET	USA 65895312						
STOOTS ACTIVE WENDY-ET	USA 65895313						
STOOTS ACTIVE WHISPER-ET	USA 65895314						
STOOTS ACTIVE WILMA-ET	USA 65895311						
STOOTS ACTIVE WISH-ET	USA 65895315						
STOOTS ACTIVE WYNONNA-ET	USA 65895316						
STOOTS AL TERROR	USA 69126358						
STOOTS ALEXANDER ELLIEMAE	USA 71461469						1
STOOTS AMMON 577	USA 71461505						
STOOTS BOGART BOGEY	USA 69126355			C			
STOOTS BOLIVER 596	USA 72618614						
STOOTS BRONCO ALISON	USA 72618626						
STOOTS BRUCE 584	USA 71461512						
STOOTS DANCY CRI-ET	USA 66321090						
STOOTS DENAE CRI-ET	USA 66321093						
STOOTS DH ALTON BEULAHJO-ET	USA 63501564						
STOOTS DH ALTON BILLY JO-ET	USA 63501561						
STOOTS DORCY ALICIA-ET	USA 72618628						
STOOTS DORCY ANASTASIA-ET	USA 72618627						
STOOTS DORCY EVE 566	USA 71461494						
STOOTS DORCY SAVANNAH-ET	USA 69126360						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STOOTS DORCY SIDNEY-ET	USA 69126359						
STOOTS DREAMWEAVER 647	840003130385588						
STOOTS HALOGEN 624-TW	USA 72618642						
STOOTS HALOGEN 625-TW	USA 72618643					C	
STOOTS J S TERESA 411-ET	USA 63501558						
STOOTS J S TERRY 408-ET	USA 63501555						
STOOTS J S TINA 409-ET	USA 63501556						
STOOTS O MAN 404	USA 63501551			C			
STOOTS OHARE-P 604	USA 72618622			C			
STOOTS SHAMROCK 631	USA 72618649						
STOOTS SHAMROCK ANNIE	USA 71461472						
STOOTS SUDAN 593	USA 72618611			C			
STOOTS WILD BEAST AMANDA-ET	USA 72618636						
STORCHMONT TIMMY WHISPER	USA 140506299						
STOWDALE ATLANTIC VIVIAN	USA 143227456						
STOWDALE DURABLE DIXIE	USA 141707077		C				3
STOWDALE EDEN TEMPTATION	USA 141588058						
STOWDALE FLEE CIRCUS-P	USA 142812969						
STOWDALE FUTURE FIRE	USA 141591021					C	
STOWDALE SHOTZY SHANDY-P	USA 141706227						
STOX ALACAZAM SUGARPLUM-RED	840003124761959						
STOX ALTITUDE ROYALE 151	840003124761955						
STOX ATWOOD RUTH 146	USA 70119197						
STOX BRADNICK KELLY 137	USA 70119188						
STOX BROKAW JULIET 152-ET	840003124761956						
STOX CHAZ CODY 120	USA 70119171						
STOX DEMPSEY KAYLA 143	USA 70119194						3
STOX GABOR ELLIE 85	USA 68833120						
STOX MOGUL TYANN 140	USA 70119191						
STOX RUSSELL CELIA 142	USA 70119193						
STOX SAVAGE A13710	USA 70609584						1
STRAIGHTLINE DESTRY REMY	USA 69290718						
STRAIGHTLINE PALERMO FAY	USA 69290741						
STRANS-JEN-D ADVG RHONA-RED	USA 140585100						
STRANS-JEN-D TAFFETA-RED-ET	USA 141271824						
STRANS-JEN-D TEQUILA-RED-ET	USA 141024338						
STRANSHOME ACME SHINE-RED	USA 142723098						
STRANSHOME ALL OF ME-RED-ET	USA 143563028						
STRANSHOME CONTEN GALAXY-ET	USA 141570996						
STRANSHOME CONTEN GAYSHA-ET	USA 141571157						1
STRANSHOME DUNDEE ANNA-ET	USA 143066491						
STRANSHOME DUNDEE DAHLIA-ET	USA 141662879						
STRANSHOME DUNDEE KISSES	USA 137059966						
STRANSHOME DURCHAN ELLIE	USA 142220531	C					1
STRANSHOME GOLD ANNICE-ET	USA 142751985						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRANSHOME GW ANTHURIUM-ET	USA 142219935						3
STRANSHOME JASPER DAYFLOWER	USA 140985562						3
STRANSHOME MOGUL CANDY-ET	USA 142303436						3
STRAUSSDALE AARON 1356-ET	USA 70805694						
STRAUSSDALE ALTON LANA-ET	USA 62775403						
STRAUSSDALE ANDERSON E1469	USA 71736098						
STRAUSSDALE ARMITAGE 1404	USA 70805742						
STRAUSSDALE AT GLORY 1765	840003129876371						
STRAUSSDALE AT GOLDY 1772	840003129876378						
STRAUSSDALE B MAC LARK-ET	USA 64969093						
STRAUSSDALE B SHARK LEAH-ET	USA 62775377						
STRAUSSDALE B TITANIC BECKA	USA 135876981						1
STRAUSSDALE BAXTER ORLA-ET	USA 64969139	C					
STRAUSSDALE BLTN OCTAVIA-ET	USA 62775383						
STRAUSSDALE BOLTON LIBBY-ET	USA 62775390						
STRAUSSDALE BOMB EVENT 1694	USA 73571253						
STRAUSSDALE BRAX SOPHIA-ET	USA 73571209	C					
STRAUSSDALE BRUNO 1373-ET	USA 70805711						3
STRAUSSDALE BRYNLEE1788-TW	840003129876394						
STRAUSSDALE C VIRGINIA 1433	USA 71736062						
STRAUSSDALE CAMERON 1427	USA 71736056						
STRAUSSDALE CAMERON 1435	USA 71736064						3
STRAUSSDALE CAMERON 1445	USA 71736074						
STRAUSSDALE CAV GOOFY 1724	840003129876330						
STRAUSSDALE CO PARTNER 1748	840003129876354						
STRAUSSDALE COM VANITY 1775	840003129876381						
STRAUSSDALE D ELSA 1641-ET	USA 73571200						
STRAUSSDALE D ESKIMO1640-ET	USA 73571199						
STRAUSSDALE DAY 1504	USA 71736133						
STRAUSSDALE DAY VENUS 1513	USA 71736142					C	
STRAUSSDALE DEFENDER 1652	USA 73571211						
STRAUSSDALE DEFN JEWEL 1671	USA 73571230						
STRAUSSDALE DESTRY 1423-ET	USA 70805761						
STRAUSSDALE DIS LEAH 1738	840003129876344						
STRAUSSDALE DOMAIN 1364	USA 70805702						
STRAUSSDALE DOMAIN 1424	USA 71736053						
STRAUSSDALE DOMAIN E 1267	USA 70007317					C	
STRAUSSDALE DOOR LOULOU1677	USA 73571236					C	
STRAUSSDALE DORCY L 1255-ET	USA 70007305						
STRAUSSDALE DURHAM GINA-ET	USA 62775322						
STRAUSSDALE EAR P 1654	USA 73571213						
STRAUSSDALE EL HALLAH 1700	USA 73571259						
STRAUSSDALE EL JOYFUL 1810	840003129876416						
STRAUSSDALE EMBASSY 1594	USA 72667339						
STRAUSSDALE EMBASSY 1611	USA 72667356						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRAUSSDALE EPIC 1431	USA 71736060						
STRAUSSDALE EPIC 1439	USA 71736068						
STRAUSSDALE EPIC 1455	USA 71736084						
STRAUSSDALE ERASE LINES1804	840003129876410						
STRAUSSDALE ERASE LOVE 1769	840003129876375						
STRAUSSDALE ERIE 1412	USA 70805750						
STRAUSSDALE ERIE 1484	USA 71736113						
STRAUSSDALE ESCALADE 1553	USA 72667298						
STRAUSSDALE ESSENTIAL-ET	USA 73571274					C	
STRAUSSDALE G LIL LOU 1744	840003129876350						
STRAUSSDALE G SHES GOOD1778	840003129876384						
STRAUSSDALE GA EXTRA1741-ET	840003129876347						
STRAUSSDALE GER ECLIPSE-ET	USA 66805864					C	
STRAUSSDALE GER ELLAMAE-ET	USA 66805862						
STRAUSSDALE GER ELLASUE-ET	USA 70007291						
STRAUSSDALE GLDWYN GABBY-ET	USA 64969136						3
STRAUSSDALE GLDWYN GELSY-ET	USA 64969137						3
STRAUSSDALE GOLD CHIP 1396	USA 70805734						
STRAUSSDALE GRAND PRIZE 806	840003129876412						
STRAUSSDALE HUNTER 1453	USA 71736082						
STRAUSSDALE IM ADORABLE-ET	840003129876414						
STRAUSSDALE JABIR 1607-ET	USA 72667352						
STRAUSSDALE JABIR 1609-ET	USA 72667354						
STRAUSSDALE JACEY 1616	USA 72667361						
STRAUSSDALE JACKMAN 1592	USA 72667337						
STRAUSSDALE JARDIN LACY-ET	USA 64969134						
STRAUSSDALE JARDIN LANEY-ET	USA 64969133				C		
STRAUSSDALE JOSE LILA-ET	USA 62775384				C		
STRAUSSDALE JOSE LIMON-ET	USA 62775386				C		
STRAUSSDALE JOSE LYSA-ET	USA 62775385				C		
STRAUSSDALE JUMP ELLINOR 20	840003129876426						
STRAUSSDALE K ELEXI 1762-TW	840003129876368						
STRAUSSDALE KING BEAST 1747	840003129876353						
STRAUSSDALE KING EXCITE1784	840003129876390						
STRAUSSDALE KING LIBERTY-ET	840003129876337						
STRAUSSDALE KING LOULOU1766	840003129876372						
STRAUSSDALE KING YVETTE1752	840003129876358						
STRAUSSDALE LA ELECTRA 1577	USA 72667322					C	
STRAUSSDALE LA EMERSON 1582	USA 72667327					C	
STRAUSSDALE LADD 1562	USA 72667307						1
STRAUSSDALE LARGE 1444	USA 71736073						
STRAUSSDALE LATROY E1395-ET	USA 70805733						
STRAUSSDALE LAUD SHAINA-ET	USA 136677334						
STRAUSSDALE LETITIA CRI-ET	USA 64541774						
STRAUSSDALE LITH E1447-ET	USA 71736076						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRAUSSDALE LITH E1470-ET	USA 71736099					C	
STRAUSSDALE LITHIUM 1491	USA 71736120			C			
STRAUSSDALE LITHIUM 1499	USA 71736128						
STRAUSSDALE LITHIUM 1502	USA 71736131						
STRAUSSDALE LOC SHALLON1666	USA 73571225						
STRAUSSDALE LOCH ELLEN 1672	USA 73571231						
STRAUSSDALE LOT OFLUCK34-ET	840003129876340						
STRAUSSDALE M OUTBURST-ET	USA 62775345	C					
STRAUSSDALE M VEGAS 1517-ET	USA 71736146						
STRAUSSDALE MAC LAYLA-ET	USA 64969157						
STRAUSSDALE MACK 1621	USA 72667366						
STRAUSSDALE MARDI FUN 1783	840003129876389						
STRAUSSDALE MATT LITE 1740	840003129876346						
STRAUSSDALE MAYFIEL BATILDA	USA 72667300			C			
STRAUSSDALE MAYFIELD 1477	USA 71736106			C			
STRAUSSDALE MAYFIELD 1520	USA 72667265						
STRAUSSDALE MAYFIELD 1538	USA 72667283						1
STRAUSSDALE MC 1588-TW	USA 72667333						
STRAUSSDALE MC 1589-TW	USA 72667334						
STRAUSSDALE MC BABETTE 1606	USA 72667351						
STRAUSSDALE MCCUT FANTASTIC	USA 72667289						
STRAUSSDALE MCCUTCH 1498-ET	USA 71736127						
STRAUSSDALE MCCUTCH 1500-ET	USA 71736129						
STRAUSSDALE MCCUTCH 1501-ET	USA 71736130						
STRAUSSDALE MCCUTCHEN 1488	USA 71736117						
STRAUSSDALE MCCUTCHEN 1490	USA 71736119						
STRAUSSDALE MCCUTCHEN 1549	USA 72667294						3
STRAUSSDALE MCCUTCHEN 1637	USA 73571196						
STRAUSSDALE MCCUTCHEN 1647	USA 73571206					C	
STRAUSSDALE MFIELD BLOSSOM	USA 72667264						
STRAUSSDALE MILLION EMMALOU	USA 66805817					C	
STRAUSSDALE MO ESTELLE 1710	USA 73571269						
STRAUSSDALE MO MYSTERY 1717	USA 73571276						3
STRAUSSDALE MO VANESSA-ET	USA 71736134						
STRAUSSDALE MOG BRIANNA-TW	USA 72667343						
STRAUSSDALE MOG BRIELLA-TW	USA 72667344						3
STRAUSSDALE MOGUL 1436	USA 71736065						
STRAUSSDALE MOGUL 1461	USA 71736090						
STRAUSSDALE MOGUL 1532	USA 72667277						
STRAUSSDALE MOGUL 1550	USA 72667295						
STRAUSSDALE MON DATE 1757	840003129876363						
STRAUSSDALE MON GABBY 1722	USA 73571281						
STRAUSSDALE MONTE 7UP 1711	USA 73571270						
STRAUSSDALE MORGAN 1521	USA 72667266						
STRAUSSDALE MORGAN VICTORY	USA 72667268					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRAUSSDALE MY BIG BABY	840003129876349						
STRAUSSDALE O-STYLE 1372	USA 70805710			C			
STRAUSSDALE OAK 1590	USA 72667335						
STRAUSSDALE OAK 1595	USA 72667340	C					
STRAUSSDALE OAK 1615-ET	USA 72667360						
STRAUSSDALE OAK 1617-ET	USA 72667362						
STRAUSSDALE OAK 1648	USA 73571207						
STRAUSSDALE OAK 1657	USA 73571216						
STRAUSSDALE OBSERV 1284-ET	USA 70007334					C	
STRAUSSDALE OBSERVE 1261-ET	USA 70007311						
STRAUSSDALE OBSERVE 1265-ET	USA 70007315						
STRAUSSDALE OBSERVER 1400	USA 70805738						
STRAUSSDALE OBSERVER 1419	USA 70805757						
STRAUSSDALE OS VIDALIA 1414	USA 70805752			C			
STRAUSSDALE OVER MAGIC1679	USA 73571238						
STRAUSSDALE P FELICITY 1764	840003129876370						
STRAUSSDALE PALERMO 1374-ET	USA 70805712	C					
STRAUSSDALE PALERMO 1378-ET	USA 70805716	C					
STRAUSSDALE PARISH 1531	USA 72667276						
STRAUSSDALE PE ECLIPSE 1721	USA 73571280						
STRAUSSDALE PINKMAN 1483	USA 71736112						
STRAUSSDALE PINKMAN 1487	USA 71736116						
STRAUSSDALE PLANET ELLA	USA 64969166					C	
STRAUSSDALE PLANET LISSA-ET	USA 64969158						
STRAUSSDALE PRED BRYNN 1670	USA 73571229						3
STRAUSSDALE PUN E1460-ET	USA 71736089						
STRAUSSDALE PUN E1463-ET	USA 71736092					C	
STRAUSSDALE PUNCH 1456	USA 71736085						
STRAUSSDALE PUNCH BAMBI-ET	USA 71736100						
STRAUSSDALE PUNCH E1467-ET	USA 71736096					C	
STRAUSSDALE R KRISTY 1730	840003129876336						
STRAUSSDALE R U READY780-ET	840003129876386						
STRAUSSDALE RABO KATIE 1714	USA 73571273			C			
STRAUSSDALE RACE LAPS1681	USA 73571240						
STRAUSSDALE RACE LIL LADY	USA 73571254			C			
STRAUSSDALE RAMOS OPAL-ET	USA 136544117						
STRAUSSDALE RBST E 1384-ET	USA 70805722						
STRAUSSDALE ROBUST 1398	USA 70805736						
STRAUSSDALE ROSS 1358-ET	USA 70805696						
STRAUSSDALE ROSS 1367-ET	USA 70805705			C			
STRAUSSDALE SEND CARD 1801	840003129876407						
STRAUSSDALE SEND LOVE 1754	840003129876360						
STRAUSSDALE SHAKE GLITTER	USA 73571234						
STRAUSSDALE SHAKESPEAR 1644	USA 73571203						
STRAUSSDALE SHAM BAHUMBUG	USA 71736107						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
STRAUSSDALE SHAQ GELSEY-ET	USA 66805792						
STRAUSSDALE SHOT GENNA-ET	USA 64969189						
STRAUSSDALE SHOT GINGER-ET	USA 64969192						
STRAUSSDALE SHOT GYPSY-ET	USA 64969111						
STRAUSSDALE SHOT OF BAILEYS	840003129876421						
STRAUSSDALE SHOT SPECKLE-ET	USA 62775324					C	
STRAUSSDALE SSI D E 7089-ET	840003004672699					C	
STRAUSSDALE SSI HERO ELI-ET	840003004672698						
STRAUSSDALE STMATIC SHER-ET	USA 134247658						
STRAUSSDALE SUPERSIRE 1543	USA 72667288						
STRAUSSDALE TAT BUTTONS1726	840003129876332						
STRAUSSDALE THAT BIG BOOTY	USA 73571282						
STRAUSSDALE TIME BONUS-TW	USA 70805721						
STRAUSSDALE TIME G 1235-ET	USA 70007285						
STRAUSSDALE TIME G 1236	USA 70007286						
STRAUSSDALE TIME GELSY-ET	USA 66805834						
STRAUSSDALE TIME STELLA	USA 66805838						
STRAUSSDALE VICTORIOUS39-ET	840003129876345						
STRAUSSDALE WICED AWSUM1777	840003129876383						
STRAUSSDALE WICKA WOOD 1825	840003135253527						
STRAUSSDALE WICKED BEAUTY	840003129876415						
STRAUSSDALE WIXED OPAL 19	840003129876425	C					
STRAWBERRY-ACRES AFSK PIGGY	USA 142809035						
STRAWBERRY-ACRES AFT PUZZLE	USA 142808584					C	
STRAWBERRY-ACRES AL LAYLA	USA 140930197						1
STRAWBERRY-ACRES BINKY MAVE	USA 139674219						
STRAWBERRY-ACRES DEF LEPORD	USA 72962887						
STRAWBERRY-ACRES DEST NOREEN	USA 72962907						
STRAWBERRY-ACRES DIG MOSLEY	USA 72962899						3
STRAWBERRY-ACRES EP MOON-ET	USA 142175251	C					
STRAWBERRY-ACRES EPIC HARLI	USA 142175484						
STRAWBERRY-ACRES EX PALM-ET	USA 142383160						
STRAWBERRY-ACRES EX PEZZ-ET	USA 142383151						
STRAWBERRY-ACRES EX POSY-ET	USA 142383124						
STRAWBERRY-ACRES G LAFFY-ET	840003130009053						
STRAWBERRY-ACRES G LAYLA-ET	840003130009051						
STRAWBERRY-ACRES G LEMON-ET	840003130009055						
STRAWBERRY-ACRES G LOTUS-ET	840003130009052						
STRAWBERRY-ACRES G PANSY-ET	840003130009054						1
STRAWBERRY-ACRES G PARIS-ET	840003130009057						1
STRAWBERRY-ACRES GC LURRAY	840003130009047						1
STRAWBERRY-ACRES GC PEAR	USA 72962919						
STRAWBERRY-ACRES H PECAN-ET	USA 72962878						
STRAWBERRY-ACRES HAL PARSLY	USA 72962915						
STRAWBERRY-ACRES HAL PETUNA	USA 72962898						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRAWBERRY-ACRES HALGEN PAT	USA 72962892			C			
STRAWBERRY-ACRES JACK PEPPY	USA 142809101						
STRAWBERRY-ACRES LAUREL-ET	840003130009056						1
STRAWBERRY-ACRES LIGHTNG-ET	840003130009050						
STRAWBERRY-ACRES LILIPOP-ET	840003130009048						
STRAWBERRY-ACRES LIT MA-ET	USA 142809585						
STRAWBERRY-ACRES LITH MA-ET	USA 142383115						
STRAWBERRY-ACRES LOTTO PERU	840003130009058						
STRAWBERRY-ACRES LU PANTENE	840003130009076			C			
STRAWBERRY-ACRES M PENNY-ET	USA 72962821						
STRAWBERRY-ACRES M POPPY-ET	USA 142147823			C			
STRAWBERRY-ACRES MAY PAISLY	USA 72962918						
STRAWBERRY-ACRES MF PEEP-ET	USA 142147814			C			
STRAWBERRY-ACRES MONSTER-ET	USA 140399167					C	
STRAWBERRY-ACRES NIAG LAYLA	USA 141519126						
STRAWBERRY-ACRES NIAG MUMMY	USA 141805364					C	
STRAWBERRY-ACRES OLE MAPLE	USA 142382897						
STRAWBERRY-ACRES OLE MARSHA	USA 142383049					C	
STRAWBERRY-ACRES OLE PUFFER	USA 142382909						
STRAWBERRY-ACRES P POGO-ET	USA 142813689						3
STRAWBERRY-ACRES PACIFIC-ET	USA 72962825						
STRAWBERRY-ACRES PANCAKE-ET	USA 141243656						
STRAWBERRY-ACRES PANDORA-ET	USA 72962828						
STRAWBERRY-ACRES PAT HAWAII	USA 72962881						
STRAWBERRY-ACRES PEACHES-ET	840003130009089						
STRAWBERRY-ACRES PEANUT-ET	USA 72962879						
STRAWBERRY-ACRES PENGUIN-ET	840003130009074						
STRAWBERRY-ACRES PET PANDA	USA 72962877						
STRAWBERRY-ACRES PETUNIA-ET	USA 142383133						
STRAWBERRY-ACRES PINEAPPLE	USA 72962914						
STRAWBERRY-ACRES PLINKO-ET	840003130009084						
STRAWBERRY-ACRES POLISH-ET	840003130009068						
STRAWBERRY-ACRES PORSHE-ET	840003130009046						
STRAWBERRY-ACRES PORTIA-ET	USA 72962826						
STRAWBERRY-ACRES PRE PANDA	USA 72962835						
STRAWBERRY-ACRES PS NIKO-ET	USA 140681226					C	
STRAWBERRY-ACRES RO BANANA	USA 72962862						
STRAWBERRY-ACRES ROY KALICO	USA 136904526						
STRAWBERRY-ACRES ROY LUNAR	USA 138659525						
STRAWBERRY-ACRES S PEGGY-ET	840003130009081						
STRAWBERRY-ACRES S PEPSI-ET	840003130009093						
STRAWBERRY-ACRES S PIBB-ET	840003130009094						
STRAWBERRY-ACRES S PIXIE-ET	840003130009095						
STRAWBERRY-ACRES S POLLY-ET	USA 141743839						
STRAWBERRY-ACRES SHAM SUGAR	USA 72962885						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRAWBERRY-ACRES SHK JULIET	USA 74821781						
STRAWBERRY-ACRES SPOOKY-ET	USA 140396221						
STRAWBERRY-ACRES SS PLUM-ET	840003130009085						
STRAWBERRY-ACRES X PEARL-ET	USA 142383142						
STRAWBERRY-ACRES Y PIZAZ-ET	840003130009069						
STRAWBERRY-ACRES Y POSH-ET	840003130009073						
STREAM-DREAM YODER ALISHA	840003129454859						
STREIN ATLANTIC CHRISTY	USA 65723081						
STREIN TALENT CRYSTAL-ET	USA 65723085						1
STRIEF-FRM 94 1398	USA 73607802						
STRIEF-FRM 94 1406	840003014324936						
STRIEF-FRM 94 1408	840003014324938						
STRIEF-FRM 94 1414	840003014324944						
STRIEF-FRM 94 1421	840003014324951						
STRIEF-FRM 94 1425-TW	840003014324955						
STRIEF-FRM 94 1426-TW	840003014324956						
STRIEF-FRM 94 1427	840003014324957						
STRIEF-FRM 94 1433	840003014324963						
STRIEF-FRM ABRAM 1640	840003127670421						
STRIEF-FRM ABRAM 1649	840003127670430						
STRIEF-FRM ABRAM 1651	840003129406724						
STRIEF-FRM AL 1487	840003125088076			C			
STRIEF-FRM AL 1503	840003125978825						
STRIEF-FRM AL 1566	840003126601766						
STRIEF-FRM AL 1569	840003126601769						
STRIEF-FRM AL 1587	840003126601787						
STRIEF-FRM ATLANTIC 1434	840003014324964						
STRIEF-FRM ATLANTIC 1436	840003014324966						
STRIEF-FRM AVERY 1711	840003131695891			C			
STRIEF-FRM AVERY 1720	840003131695900			C			
STRIEF-FRM AVERY 1721	840003131695901			C			1
STRIEF-FRM AVERY 1752	840003132195628						1
STRIEF-FRM AVERY 1763	840003132195639			C			
STRIEF-FRM AVERY 1764	840003132195640			C			
STRIEF-FRM AVERY 1776	840003132195652						1
STRIEF-FRM CARSON 1706	840003131695886						
STRIEF-FRM CARSON 1708	840003131695888						
STRIEF-FRM CARSON 1718	840003131695898						
STRIEF-FRM CARSON-R 1779	840003132195655						
STRIEF-FRM COLT P 1394	USA 73607799						
STRIEF-FRM COLT P 1405	840003014324935						
STRIEF-FRM COLT P 1423	840003014324953						
STRIEF-FRM COLT P 1461	840003125088050						
STRIEF-FRM COLT P 1477	840003125088066						
STRIEF-FRM CORVETTE 1625	840003127670406						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM CORVETTE 1626	840003127670407						
STRIEF-FRM CORVETTE 1627	840003127670408						
STRIEF-FRM CORVETTE 1655	840003129406728						
STRIEF-FRM CORVETTE 1659	840003129406732						
STRIEF-FRM CORVETTE 1662	840003129406735						
STRIEF-FRM CORVETTE 1674	840003129406747						
STRIEF-FRM CORVETTE 1683	840003129406756						
STRIEF-FRM DAMARIS 1842	840003133121057						
STRIEF-FRM DAMARIS 1850	840003133121065						
STRIEF-FRM DAMARIS 1855	840003133121070						
STRIEF-FRM DAMARIS 1880	840003133121095						
STRIEF-FRM DAMARIS 1882	840003133121097						
STRIEF-FRM DECEIVER 1621	840003127670402						
STRIEF-FRM DECEIVER 1637	840003127670418						
STRIEF-FRM DECEIVER 1641	840003127670422						
STRIEF-FRM DECEIVER 1650	840003129406723						
STRIEF-FRM DECEIVER 1657	840003129406730						
STRIEF-FRM DECEIVER 1668	840003129406741						
STRIEF-FRM DECEIVER 1685	840003129406758						
STRIEF-FRM DEFENDER 1552	840003126601752						
STRIEF-FRM DEFENDER 1584	840003126601784						
STRIEF-FRM DEFENDER 1618	840003127670399						
STRIEF-FRM DEFENDER 1643	840003127670424						
STRIEF-FRM DEFENDER 1644	840003127670425						
STRIEF-FRM DEFENDER 1666-TW	840003129406739						
STRIEF-FRM DEFENDER 1667-TW	840003129406740		C				
STRIEF-FRM DEFENDER 1675	840003129406748						
STRIEF-FRM DEFENDER 1697-TW	840003129406770			C			
STRIEF-FRM DIAMOND 1492	840003125088081			C			
STRIEF-FRM DIAMOND 1499	840003125088088					C	
STRIEF-FRM DIAMOND 1500	840003125978822					C	
STRIEF-FRM DIAMOND 1518	840003125978840			C			
STRIEF-FRM DIAMOND 1522	840003125978844						
STRIEF-FRM DIAMOND 1530	840003125978852			C		C	
STRIEF-FRM DIAMOND 1537	840003125978859						
STRIEF-FRM DIAMOND 1553	840003126601753						
STRIEF-FRM DIAMOND 1558	840003126601758			C			
STRIEF-FRM DIAMOND 1563	840003126601763						
STRIEF-FRM DIENER 1572	840003126601772						
STRIEF-FRM DIENER 1599	840003126601799						
STRIEF-FRM DIENER 1609	840003127670390						
STRIEF-FRM DIENER 1614	840003127670395						
STRIEF-FRM DOLCE 1630	840003127670411						
STRIEF-FRM DOLCE 1631	840003127670412						
STRIEF-FRM DOLCE 1636	840003127670417						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM DOLCE 1642	840003127670423						
STRIEF-FRM DOLCE 1664	840003129406737						
STRIEF-FRM DOLCE 1671	840003129406744						
STRIEF-FRM DOLCE 1673	840003129406746						
STRIEF-FRM DOLCE 2301	USA 74376783						
STRIEF-FRM DONATELL 1548	840003125978870						
STRIEF-FRM DONATELL 1608	840003127670389						
STRIEF-FRM DONATELLO 1607	840003127670388						1
STRIEF-FRM EMBASSY 1849	840003133121064						
STRIEF-FRM ENID 1512	840003125978834		C	C			
STRIEF-FRM ENID 1513	840003125978835	C		C			
STRIEF-FRM ENID 1538	840003125978860	C					
STRIEF-FRM ENID 1539	840003125978861	C		C			
STRIEF-FRM FLAX 1410	840003014324940						
STRIEF-FRM FLAX 1419	840003014324949					C	
STRIEF-FRM FLAX 1428	840003014324958						
STRIEF-FRM FLAX 1475	840003125088064					C	
STRIEF-FRM FLAX 1486	840003125088075						
STRIEF-FRM GABOR 1430	840003014324960						
STRIEF-FRM GABOR 1498	840003125088087						
STRIEF-FRM GABOR 1505	840003125978827						
STRIEF-FRM GABOR 1509	840003125978831			C			
STRIEF-FRM GABOR 1528	840003125978850						
STRIEF-FRM GABOR 1540	840003125978862						
STRIEF-FRM GABOR 1550	840003126601750						
STRIEF-FRM GRAFEETI 1704	840003131695884						1
STRIEF-FRM GRAFEETI 1724	840003131695904						1
STRIEF-FRM GRAFEETI 1728	840003131695908						
STRIEF-FRM GRAFEETI 1777	840003132195653						
STRIEF-FRM GRAFEETI 1781	840003132195657						
STRIEF-FRM GRAFEETI 1783-TW	840003132195659						1
STRIEF-FRM GRAFEETI 1784-TW	840003132195660						
STRIEF-FRM GRAFEETI 1822	840003133121037						
STRIEF-FRM GRAFEETI 1824	840003133121039						3
STRIEF-FRM GRAFEETI 1843	840003133121058						3
STRIEF-FRM GRAFEETI 1848	840003133121063						
STRIEF-FRM GRAFEETI 1859-TW	840003133121074						
STRIEF-FRM GREENWAY 1794	840003132195670						
STRIEF-FRM GREENWAY 1807	840003133121022						
STRIEF-FRM GREENWAY 1827-TW	840003133121042						
STRIEF-FRM GREENWAY 1858	840003133121073				C		
STRIEF-FRM GREENWAY 1864	840003133121079						
STRIEF-FRM GREENWAY 1873	840003133121088						
STRIEF-FRM GUN 1658	840003129406731						
STRIEF-FRM GUN 1660	840003129406733						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM GUN 1670	840003129406743						
STRIEF-FRM GUN 1676	840003129406749						
STRIEF-FRM GUN 1682	840003129406755						
STRIEF-FRM GUN 1686	840003129406759						
STRIEF-FRM GUN 1694	840003129406767						
STRIEF-FRM GUN 1700	840003131695880						
STRIEF-FRM GUN 1795	840003132195671						
STRIEF-FRM GUN 1796	840003132195672						
STRIEF-FRM GUN 1816	840003133121031						
STRIEF-FRM GUN 1825	840003133121040						
STRIEF-FRM GUN 1832-TW	840003133121047						
STRIEF-FRM GUN 1833-TW	840003133121048						
STRIEF-FRM GUN 1852	840003133121067						
STRIEF-FRM GUN 1884-ET	840003133121099						
STRIEF-FRM HALOGEN 1620	840003127670401						
STRIEF-FRM HALOGEN 1628	840003127670409						
STRIEF-FRM HALOGEN 1656	840003129406729						
STRIEF-FRM HALOGEN 1672	840003129406745						
STRIEF-FRM HALOGEN 1681	840003129406754						
STRIEF-FRM HALOGEN 1790	840003132195666						
STRIEF-FRM HALOGEN 1801	840003133121016						
STRIEF-FRM HALOGEN 1806	840003133121021						
STRIEF-FRM HALOGEN 1813	840003133121028						
STRIEF-FRM HALOGEN 1815	840003133121030						
STRIEF-FRM HALOGEN 1820	840003133121035						
STRIEF-FRM HALOGEN 1840	840003133121055			C			
STRIEF-FRM HALOGEN 1846	840003133121061						
STRIEF-FRM HALOGEN 1865-TW	840003133121080						
STRIEF-FRM HALOGEN 1871-TW	840003133121086						
STRIEF-FRM HALOGEN 1872-TW	840003133121087						
STRIEF-FRM HEADLINE 1393	USA 73607798						
STRIEF-FRM HEADLINE 1396	USA 73607800						
STRIEF-FRM HEADLINE 1437	840003014324967						
STRIEF-FRM HEADLINER 1399	USA 73607803						
STRIEF-FRM HEADLINER 1401	840003014324931						
STRIEF-FRM HEADLINER 1407	840003014324937						
STRIEF-FRM HONEYBEE 1819	840003133121034						
STRIEF-FRM HONEYBEE 1823	840003133121038					C	
STRIEF-FRM HONEYBEE 1847	840003133121062						
STRIEF-FRM HONEYBEE 1870	840003133121085	C					
STRIEF-FRM KINGBOY 1725	840003131695905						
STRIEF-FRM KINGBOY 1729	840003131695909						
STRIEF-FRM KINGBOY 1747	840003131695927						
STRIEF-FRM KINGBOY 1758	840003132195634						
STRIEF-FRM KINGBOY 1768	840003132195644						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM KINGBOY 1773	840003132195649						
STRIEF-FRM KINGBOY 1775	840003132195651						
STRIEF-FRM KINGBOY 1793	840003132195669						
STRIEF-FRM KINGBOY 1810	840003133121025						
STRIEF-FRM KINGBOY 1812-TW	840003133121027				C		
STRIEF-FRM KINGBOY 1818	840003133121033						
STRIEF-FRM KINGBOY 1875	840003133121090						
STRIEF-FRM LITHIUM 1424	840003014324954						
STRIEF-FRM LITHIUM 1432	840003014324962						
STRIEF-FRM LITHIUM 1557	840003126601757						
STRIEF-FRM MACK 1497	840003125088086						
STRIEF-FRM MACK 1506	840003125978828						
STRIEF-FRM MACK 1536	840003125978858						
STRIEF-FRM MACK 1541	840003125978863						
STRIEF-FRM MACK 1549	840003125978871						
STRIEF-FRM MACK 1555	840003126601755						
STRIEF-FRM MAGNUS 1691	840003129406764						
STRIEF-FRM MAGNUS 1695-T-TW	840003129406768						
STRIEF-FRM MAGNUS 1696-T-TW	840003129406769						
STRIEF-FRM MALONE 1514-RED	840003125978836						
STRIEF-FRM MARQUE 1463	840003125088052						3
STRIEF-FRM MAXUM 1494	840003125088083						
STRIEF-FRM MAXUM 1495	840003125088084						
STRIEF-FRM MAXUM 1508	840003125978830						
STRIEF-FRM MAXUM 1510	840003125978832						
STRIEF-FRM MAXUM 1511	840003125978833						
STRIEF-FRM MAXUM 1519	840003125978841						
STRIEF-FRM MAXUM 1545	840003125978867						
STRIEF-FRM MAXUM 1547	840003125978869						
STRIEF-FRM MCCUTCH 1707	840003131695887						
STRIEF-FRM MCCUTCH 1726	840003131695906						
STRIEF-FRM MCCUTCH 1733	840003131695913						
STRIEF-FRM MCCUTCH 1738	840003131695918		C				
STRIEF-FRM MCCUTCHE 1699	840003129406772						
STRIEF-FRM MCCUTCHE 1798	840003132195674						
STRIEF-FRM MCCUTCHE 1799	840003132195675						
STRIEF-FRM MCCUTCHE 1800	840003133121015						
STRIEF-FRM MCCUTCHE 1804	840003133121019						
STRIEF-FRM MCCUTCHE 1809	840003133121024			C			
STRIEF-FRM MCCUTCHEN 1750	840003132195626						
STRIEF-FRM MCCUTCHEN 1751	840003132195627						
STRIEF-FRM MCCUTCHEN 1754	840003132195630						
STRIEF-FRM MCCUTCHEN 1774	840003132195650						
STRIEF-FRM MCFLY 1481	840003125088070						
STRIEF-FRM MCNUGGET 1562	840003126601762						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM MCNUGGET 1591	840003126601791						
STRIEF-FRM MCNUGGET 1595	840003126601795						
STRIEF-FRM MCNUGGET 1597	840003126601797						3
STRIEF-FRM MCNUGGET 1605	840003127670386						
STRIEF-FRM MCNUGGET 1610	840003127670391						
STRIEF-FRM MCNUGGET 1624	840003127670405						
STRIEF-FRM MCNUGGETS 1570	840003126601770						
STRIEF-FRM MIDNIGHT 1652-TW	840003129406725						
STRIEF-FRM MIDNIGHT 1653-TW	840003129406726						
STRIEF-FRM MIDNIGHT 1654	840003129406727						
STRIEF-FRM MIDNIGHT 1731	840003131695911						
STRIEF-FRM MILES 1554	840003126601754			C			
STRIEF-FRM MILES 1565	840003126601765						3
STRIEF-FRM MILES 1583	840003126601783						
STRIEF-FRM MILES 1590	840003126601790						
STRIEF-FRM MILES 1606	840003127670387						
STRIEF-FRM MILES 1619	840003127670400						
STRIEF-FRM MOGUL 1397	USA 73607801						
STRIEF-FRM MOGUL 1412	840003014324942						
STRIEF-FRM MOGUL 1418	840003014324948						
STRIEF-FRM MOGUL 1442	840003014324972						
STRIEF-FRM MOGUL 1444	840003014324974						
STRIEF-FRM MOGUL 1445	840003014324975						
STRIEF-FRM MOGUL 1446	840003014324976		C				
STRIEF-FRM MOGUL 1448	840003014324978						
STRIEF-FRM MOGUL 1455	840003125088044						
STRIEF-FRM MOGUL 1459	840003125088048						
STRIEF-FRM MOGUL 1472	840003125088061						
STRIEF-FRM MOGUL 1473	840003125088062						
STRIEF-FRM MOGUL 1474	840003125088063						
STRIEF-FRM MOGUL 1476	840003125088065						
STRIEF-FRM MOGUL 1811-TW	840003133121026						
STRIEF-FRM MOGUL 1851	840003133121066						
STRIEF-FRM MOGUL 1854	840003133121069						
STRIEF-FRM MONTNEY 1714	840003131695894						
STRIEF-FRM MONTNEY 1727	840003131695907						
STRIEF-FRM MONTNEY 1737	840003131695917						
STRIEF-FRM MONTNEY 1739	840003131695919			C			
STRIEF-FRM MONTNEY 1741	840003131695921						
STRIEF-FRM MONTNEY 1761	840003132195637			C			3
STRIEF-FRM MONTNEY 1782	840003132195658						
STRIEF-FRM MOONBOY 1713	840003131695893			C			
STRIEF-FRM MORDEN 1504	840003125978826						
STRIEF-FRM MORDEN 1543	840003125978865						1
STRIEF-FRM MORGAN 1466	840003125088055					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
STRIEF-FRM MOSCA 1867-TW	840003133121082						
STRIEF-FRM MOSCATO 1868-TW	840003133121083						
STRIEF-FRM MOSCATO 1876	840003133121091						
STRIEF-FRM MOSCATO 1878	840003133121093						
STRIEF-FRM MUCHO 1482	840003125088071			C			
STRIEF-FRM NATIONAL 1468	840003125088057						
STRIEF-FRM NESTOR 1780	840003132195656						
STRIEF-FRM NESTOR 1802	840003133121017						1
STRIEF-FRM NESTOR 1805	840003133121020						
STRIEF-FRM NESTOR 1821	840003133121036					C	
STRIEF-FRM PARTYROC 1559	840003126601759						
STRIEF-FRM PARTYROC 1560	840003126601760						
STRIEF-FRM PARTYROC 1561	840003126601761						
STRIEF-FRM PARTYROCK 1578	840003126601778						
STRIEF-FRM PARTYROCK 1579	840003126601779						
STRIEF-FRM PARTYROCK 1582	840003126601782			C			
STRIEF-FRM PARTYROCK 1585	840003126601785						
STRIEF-FRM PARTYROCK 1598	840003126601798						
STRIEF-FRM PARTYROCK 1602	840003127670383						
STRIEF-FRM PARTYROCK 1603	840003127670384						
STRIEF-FRM PETERPAN 1745	840003131695925						
STRIEF-FRM PETERPAN 1748	840003131695928						
STRIEF-FRM PETERPAN 1753	840003132195629						
STRIEF-FRM PETERPAN 1756	840003132195632						
STRIEF-FRM PETERPAN 1792	840003132195668						
STRIEF-FRM PETRONE 1484	840003125088073						
STRIEF-FRM PLAN 1447	840003014324977						
STRIEF-FRM PLAN 1458	840003125088047						
STRIEF-FRM PLANET 1632	840003127670413						
STRIEF-FRM PLANET 1639	840003127670420						
STRIEF-FRM POLICE 1730	840003131695910	C				C	
STRIEF-FRM POLICE 1735	840003131695915						
STRIEF-FRM POLICE 1759	840003132195635						
STRIEF-FRM POLICE 1760	840003132195636						
STRIEF-FRM PONDER 1701	840003131695881					C	
STRIEF-FRM PONDER 1710	840003131695890						
STRIEF-FRM PONDER 1716	840003131695896						
STRIEF-FRM PONDER 1723	840003131695903						
STRIEF-FRM PONDER 1742	840003131695922						
STRIEF-FRM PONDER 1746	840003131695926						
STRIEF-FRM PONDER 1778	840003132195654						
STRIEF-FRM PRANCE 1453	840003125088042						
STRIEF-FRM PRANCE 1454	840003125088043		C				
STRIEF-FRM PREDEST 1507	840003125978829						
STRIEF-FRM PREDEST 1551	840003126601751						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM PREDESTI 1489	840003125088078						
STRIEF-FRM PREDESTI 1515	840003125978837						
STRIEF-FRM PREDESTI 1527	840003125978849						
STRIEF-FRM RABO 1866	840003133121081						
STRIEF-FRM REFLECTOR 1574	840003126601774						
STRIEF-FRM REFLECTOR 1577	840003126601777	C					
STRIEF-FRM REFLECTOR 1586	840003126601786						
STRIEF-FRM REFLECTOR 1589	840003126601789						
STRIEF-FRM REFLECTOR 1592	840003126601792						
STRIEF-FRM ROLAND 1422	840003014324952						
STRIEF-FRM ROZ-MAN 1787	840003132195663						
STRIEF-FRM SANDMAN 1797	840003132195673						
STRIEF-FRM SANDMAN 1814	840003133121029						
STRIEF-FRM SANDMAN 1862	840003133121077						
STRIEF-FRM SHAMROCK 1409	840003014324939						
STRIEF-FRM SHAMROCK 1464	840003125088053						
STRIEF-FRM SHAMROCK 1467	840003125088056						
STRIEF-FRM SHAMROCK 1469	840003125088058						
STRIEF-FRM SHAMROCK 1480	840003125088069						
STRIEF-FRM SHAMROCK 1580	840003126601780						
STRIEF-FRM SHAMROCK 1581	840003126601781						
STRIEF-FRM SHAMROCK 1596	840003126601796						
STRIEF-FRM SHAMROCK 1601	840003127670382						
STRIEF-FRM SHAMROCK 1613	840003127670394						
STRIEF-FRM SHAN 1411	840003014324941						
STRIEF-FRM SHAN 1413	840003014324943						
STRIEF-FRM SHAN 1440	840003014324970						
STRIEF-FRM SHAN 1460	840003125088049						
STRIEF-FRM SHAN 1471	840003125088060						
STRIEF-FRM SHAN 1478	840003125088067						
STRIEF-FRM SHOT 1785	840003132195661					C	
STRIEF-FRM SHOT 1786	840003132195662						
STRIEF-FRM SPUR 1564	840003126601764						
STRIEF-FRM SPUR 1593	840003126601793						
STRIEF-FRM SPUR 1600	840003127670381					C	
STRIEF-FRM SPUR 1604	840003127670385						
STRIEF-FRM SPUR 1612	840003127670393						
STRIEF-FRM SPUR 1615	840003127670396						
STRIEF-FRM SPUR 1839	840003133121054			C			
STRIEF-FRM ST-LOUIS 1705	840003131695885					C	
STRIEF-FRM ST-LOUIS 1717	840003131695897						
STRIEF-FRM ST-LOUIS 1719	840003131695899						
STRIEF-FRM ST-LOUIS 1732	840003131695912						
STRIEF-FRM ST-LOUIS 1736	840003131695916						
STRIEF-FRM ST-LOUIS 1757	840003132195633						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STRIEF-FRM ST-LOUIS 1767	840003132195643						
STRIEF-FRM ST-LOUIS 1770	840003132195646						
STRIEF-FRM ST-LOUIS 1771-TW	840003132195647						
STRIEF-FRM ST-LOUIS 1772-TW	840003132195648						
STRIEF-FRM STIVERS 1400	840003014324930					C	
STRIEF-FRM STIVERS 1429	840003014324959						
STRIEF-FRM STRATIFY 1883-ET	840003133121098						
STRIEF-FRM STRATIFY 1885-ET	840003133121100						
STRIEF-FRM SUPERSIR 1435	840003014324965						
STRIEF-FRM SUPERSIR 1629	840003127670410						
STRIEF-FRM SUPERSIR 1645	840003127670426						
STRIEF-FRM SUPERSIR 1646	840003127670427						
STRIEF-FRM SUPERSIR 1669	840003129406742						
STRIEF-FRM SUPERSIR 1677	840003129406750						
STRIEF-FRM SUPERSIR 1679	840003129406752						
STRIEF-FRM SUPERSIR 1680	840003129406753						
STRIEF-FRM SUPERSIR 1791	840003132195667						
STRIEF-FRM SUPERSIRE 1661	840003129406734						
STRIEF-FRM SUPERSIRE 1663	840003129406736						
STRIEF-FRM SUPERSIRE 1755	840003132195631						
STRIEF-FRM SUPERSIRE 1762	840003132195638						
STRIEF-FRM SUPERSIRE 1766	840003132195642			C			
STRIEF-FRM TABLE 1523	840003125978845						
STRIEF-FRM TABLE 1524	840003125978846						
STRIEF-FRM TABLE 1544	840003125978866						
STRIEF-FRM TALLIS 1841	840003133121056						
STRIEF-FRM TALLIS 1863	840003133121078						
STRIEF-FRM WATSON 1491	840003125088080			C		C	
STRIEF-FRM WATSON 1502	840003125978824			C		C	
STRIEF-FRM WATSON 1526	840003125978848					C	
STRIEF-FRM WATSON 1533	840003125978855			C			
STRIEF-FRM WATSON 1534	840003125978856			C			
STRIEF-FRM WATSON 1542	840003125978864			C			
STRIEF-FRM WINDSOR 1525	840003125978847						
STRIEF-FRM WISEM 1857-TW	840003133121072						
STRIEF-FRM WISEMAN 1856	840003133121071						
STRIEF-FRM WISEMAN 1877	840003133121092						
STRIEF-FRM WISEMAN 1881	840003133121096						
STRIEF-FRM YANCE 1390	USA 73414317						
STRIEF-FRM YANCE 1416	840003014324946						
STRIEF-FRM YANCE 1488	840003125088077						
STRIPES FINLEY SENORA	USA 61184029						
STROUT DURHAM FIG-ET	USA 61343339						
STROUT MILLION FELICE	USA 69820123		C				
STROUT TS BUZZ-ET	USA 63176711						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STROWDS PEONI	USA 142487592	C					
STRUTHERS WATCH OUT JAY	USA 141295635						
STUESSY ACME BOLONIE	USA 73413123						
STUESSY AFTERSHOCK LOLA	USA 73966309						
STUESSY DEFIANT BANGO	840003129770032					C	
STUESSY DEFIANT MALITA	840003129770035						
STUESSY MOGUL JOREE	840003133856543						
STUESSY RG MOGUL RASCAL	840003133856536						
STUEWES ADVENT GIA	USA 63206351						
STUEWES DARIA-ET	USA 134085955						
STUEWES DURHAM SEXY-ET	USA 63206327						
STUMP-VALLEY AFTSHOCK CHIC	840003129209467						
STUMP-VALLEY ALLEN ALTA-TW	USA 136278209						
STUMP-VALLEY ATWOD ASHFIRE	USA 71487879						
STUMP-VALLEY BANNING BLAZE	USA 72377275						
STUMP-VALLEY BOLTN SWEET-ET	USA 70653149						
STUMP-VALLEY BOLTON MARSHA	USA 65719799						
STUMP-VALLEY CLT45 SHEVA-ET	USA 73148111						
STUMP-VALLEY COLETTE-ET	USA 73148109					C	1
STUMP-VALLEY COLT SASHA-ET	USA 73148107						
STUMP-VALLEY CRVTCLARETY-ET	USA 74020600						
STUMP-VALLEY CRVTT CLAIR-ET	USA 74020601						1
STUMP-VALLEY DAY COMMON-ET	USA 72377273						1
STUMP-VALLEY DECLAN REYOLA	USA 74020588						
STUMP-VALLEY DEFENDER HELIN	840003129209480						
STUMP-VALLEY DEFENDER MERIT	840003129209479						
STUMP-VALLEY DEFENDER PATSY	840003129209477						
STUMP-VALLEY DELTA SNOFLAKE	840003133933691						
STUMP-VALLEY DOMAIN MAZZIE	USA 70653127						
STUMP-VALLEY DORMN SUNNY-ET	840003133933677					C	
STUMP-VALLEY DRMAN CAREY-ET	USA 73148126					C	1
STUMP-VALLEY DRMN CHANEL-ET	USA 74020582					C	1
STUMP-VALLEY DRMN CLOVER-ET	USA 73148123					C	
STUMP-VALLEY DRMN COTTON-ET	USA 73148124					C	1
STUMP-VALLEY DRMN SINGLE-ET	USA 74020585						
STUMP-VALLEY DRN CARAMEL-ET	USA 74020581					C	1
STUMP-VALLEY EXPLODE CLARA	USA 74062166						
STUMP-VALLEY FREDDIE AGGY	USA 70653106						
STUMP-VALLEY GD ADDITION-ET	USA 74020607						
STUMP-VALLEY GDRS ALEXIS-ET	USA 74020594						
STUMP-VALLEY GDWYN SAFFY-ET	USA 70653131						
STUMP-VALLEY GDWYN SOCKS-ET	USA 70653133						
STUMP-VALLEY GDWYN SOFTY-ET	USA 70653134						1
STUMP-VALLEY GDWYN SUGAR-ET	USA 70653128						
STUMP-VALLEY GOLD ARLENE-ET	840003129209460						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STUMP-VALLEY GOLD CHP ARIEL	USA 74020583						
STUMP-VALLEY GOLD KEFIRA-ET	USA 73148084						
STUMP-VALLEY GOLDWYN BEYLAH	USA 70653130						
STUMP-VALLEY GOT EVERYTHING	USA 72377276						
STUMP-VALLEY GUTHRE EMERALD	USA 72377254						
STUMP-VALLEY GWATW SHINE-ET	USA 71487841						
STUMP-VALLEY GWTWD SHEVA-ET	USA 70653139						
STUMP-VALLEY GWTWD SPARK-ET	USA 70653143						
STUMP-VALLEY GWTWD SYLVA-ET	USA 71487840						
STUMP-VALLEY HALOGEN SHERRY	840003129209457						
STUMP-VALLEY HERO MERRIT	USA 72377259			C			
STUMP-VALLEY JABIR ALINA	USA 74020584						
STUMP-VALLEY KB CHEETAH-ET	840003129209468						
STUMP-VALLEY MACK BEACON	USA 74020612						
STUMP-VALLEY MACK CHARM-ET	USA 74020580						3
STUMP-VALLEY MACK CORA-ET	USA 74020563						3
STUMP-VALLEY MACK CORIE-ET	USA 73148129						3
STUMP-VALLEY MASSEY ANGIE	USA 74020611						
STUMP-VALLEY MCUTCHN AZA-ET	USA 73148089						
STUMP-VALLEY MEGSR CRUMB-ET	USA 74020610						
STUMP-VALLEY MFD CRIMSON-ET	USA 72377246						1
STUMP-VALLEY MGL CARETTA-ET	USA 74020590						1
STUMP-VALLEY MGL CHRISTY-ET	USA 74020597						
STUMP-VALLEY MGL CORDELL-ET	USA 74020592						1
STUMP-VALLEY MOGL CASPER-ET	USA 74020606						1
STUMP-VALLEY MOGL SARENE-ET	USA 74020591						
STUMP-VALLEY MOGL SPRING-ET	USA 74020596						
STUMP-VALLEY MOGUL ALLIE	USA 73148125						
STUMP-VALLEY MOGUL BURST	USA 74020602						
STUMP-VALLEY MOGUL MARIE	USA 74020605						
STUMP-VALLEY MOGUL SARAH-ET	840003129209458						
STUMP-VALLEY MOGUL SOLANA	USA 73148100						
STUMP-VALLEY MOGUL SYDEL-ET	USA 74020589						
STUMP-VALLEY MONTEREY SPARK	840003129209495						
STUMP-VALLEY MYFD CLASHY-ET	USA 72377249			C			1
STUMP-VALLEY MYFLD MISSY-ET	USA 72377248			C			
STUMP-VALLEY OBSR SIZZLE-ET	USA 74020565						
STUMP-VALLEY PLANT ASTER-ET	USA 71487851						
STUMP-VALLEY PLANT AVRIL-ET	USA 71487852						
STUMP-VALLEY PLNT ARAINA-ET	USA 71487853						
STUMP-VALLEY RUBICON CAMRY	840003133933700						
STUMP-VALLEY SANTINA-ET	USA 73148112					C	
STUMP-VALLEY SHAMROCK MUSIC	USA 71487861						
STUMP-VALLEY SHAN SAXON-ET	USA 73148083						
STUMP-VALLEY SHOTTLE ANITA	USA 64723680						

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STUMP-VALLEY SHOTTLE BEST	USA 71487868						
STUMP-VALLEY SHOTTLE PENNY	USA 71487860					C	
STUMP-VALLEY SHTL SOLACE-ET	USA 70653136						
STUMP-VALLEY SHTTL SWANA-ET	USA 70653137						
STUMP-VALLEY SKY SAVINA-ET	USA 74020573						
STUMP-VALLEY SKY SECRET-ET	USA 74020576						
STUMP-VALLEY SKY SILVER-ET	USA 74020570						
STUMP-VALLEY SKY SOPHIA-ET	USA 74020564						
STUMP-VALLEY SKYMNT STAR-ET	USA 74020579						
STUMP-VALLEY SMRCK SHIRA-ET	USA 70653152						
STUMP-VALLEY SMRCK SUSIE-ET	USA 70653150						
STUMP-VALLEY SRCK SHASTA-ET	USA 71487835						
STUMP-VALLEY SRCK SHAYNA-ET	USA 70653151						
STUMP-VALLEY SRK SHERELL-ET	USA 71487834						
STUMP-VALLEY SS COOKIE-ET	USA 72377268						1
STUMP-VALLEY SUPERSIR MANDY	USA 73148096						
STUMP-VALLEY SUPERSIRE AREO	USA 73148127						
STUMP-VALLEY SUPR CASHER-ET	USA 72377263						
STUMP-VALLEY SUPR CHOSEN-ET	USA 72377266						1
STUMP-VALLEY TANGO SHARLA	USA 74020609						
STUMP-VALLEY TOYS SALENA-ET	USA 70653147						
STUMP-VALLEY TOYS STITCH-ET	USA 70653146						
STUMP-VALLEY UNO CUTIE-ET	USA 72377255						
STUMPLAND BOGART NARAH	USA 69369079						
STUMPLAND FACEBOOK R-DUANE	USA 72738143						
STUMPLAND JOCLAY RISK	USA 74406360			C			
STUMPLAND MAGNUS REALITY	USA 72738173						
STUMPLAND MOGUL RABBIT	USA 72738171						
STUMPLAND OMAN HOTROD	USA 136217318						
STUMPLAND OMAN HYSTERIA-ET	USA 61547959						
STUMPLAND RUDOLPH BAILEY-ET	USA 122881817						
STUMPLAND SHOTTLE MARAH	USA 66706958					C	1
STUNNING ARCHRIVAL 258-ET	840003133050019						
STUNNING DURHM NASTY 260-ET	840003133050021						
STUNNING HALOGEN PAMELA-ET	840003012972267						
STUNNING MCCUTCHEN PARIS	840003124818857						
STUNNING OLYMPIAN SILK	840003124818872						
STUNNING PAT STARLIGHT-RED	840003134356919						
STUNNING PLATINUM BRIGHT	840003014022999						
STUNNING SID 5421-ET	840003134291717						
STUNNING WINDBROOK GAIL-ET	USA 143393777						1
STUNNING-B PETRONE LEXUS	USA 142205046						
STUNNING-M DENVER CHANT-ET	840003134356898						
STUNNING-M DRACO BANITA-ET	840003128648836						1
STUNNING-M DRACO BEAUTY-ET	840003130641941						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
STUNNING-M DRACO BRAZIL-ET	840003128648830						1
STUNNING-M DRACO BRIELLE-ET	840003128648826						
STUNNING-M DRACO BROOKE-ET	840003128648829						1
STUNNING-M DRACO BUBBLE-ET	840003128648827						
STUNNING-M ENTAIL BARBIE-ET	840003128648838						
STUNNING-M ENTAIL BELLE-ET	840003128648839						
STUNNING-M KINGBOY BABE-ET	840003128648831						
STUNNING-M KINGBOY BAE-ET	840003130641839						
STUNNING-M KINGBOY BEE-ET	840003128648833						
STUNNING-M KINGBOY BELLA-ET	840003128648835						
STUNNING-M KINGBOY BLEST-ET	840003128648834						
STUNNING-M KINGBOY BLISS-ET	840003128648832						
STUNNING-M MON BOMBSHELL-ET	840003134356867						
STUNNING-M MONTROSS LULU	840003134356911						
STYLE-CREST BRAXTON AVA-ET	USA 142856822						
STYLE-HEAVEN BALISTO ELLA	USA 74261576						
STYLE-HEAVEN DSR BROOKE-RED	840003133714304						
STYLE-HEAVEN GILBY HALEY	USA 71515420						
STYLE-HEAVEN GILBY MICKENZI	USA 71515423						
STYLE-HEAVEN MILES MOLLY	USA 74203744						
STYLE-HEAVEN YODER FANTA	840003133714302						
STYLEVIEW LEADER MADISON-ET	USA 141297963						
STYLEVIEW LUSTAGEOUS-RED-ET	840003131244226						
SU-ADAM SANCHEZ STELLA	USA 142456415						
SUDAN LOGAN MAE	NLD 939415551					C	
SUDVIEW SHOTTLE FELECIA-ET	CAN 9906817					C	
SUE-BETS HARMONYS HAPPY-ET	USA 74453000					C	1
SUE-BETS HELLEFINA-ET	USA 143284651					C	1
SUE-BETS SHOTTLE HARMONY-ET	USA 138884873					C	
SUERAINES ATW CLASSYLADY	USA 72834528						
SUERAINES ATWOOD MISFIT-ET	USA 74552896		C				
SUERAINES BRADY CRUNCH	USA 74552897						
SUERAINES CAYENNE FINALE-ET	USA 74552895						
SUERAINES CORVETTE JACEY	USA 74552889						
SUERAINES GUTHRIE COWAMARI	USA 72834526						
SUERAINES KINGBOY MIST	USA 74552890		C				
SUERAINES MCCUTCHEN CLARA	USA 72834531						
SUERAINES SANCHEZ CARA	USA 72834523						
SUERAINES SHINEON SUSIE-RED	USA 72834532						1
SUERAINES SHOT OF CAJUN-ET	USA 74552893						
SUERAINES SHOTTLE CURVY	USA 72643937					C	
SUERAINES-HM CLARK CHARM	USA 74552888						
SUES-MOOS BOGART 1442	USA 69375740						
SUGAR-BREEZE BOOKEM GALA-ET	USA 70286144						
SUGAR-BREEZE DIGGER TEAL-ET	USA 70286133						

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SUGAR-BREEZE DNP DEF TESLA	840003125211785						
SUGAR-BREEZE DNP NICKLE-ET	USA 71892548						
SUGAR-BREEZE DNP NISSA-ET	USA 71892549						
SUGAR-BREEZE DNP TOSS UP-ET	USA 71892546						
SUGAR-BREEZE EPC TICKET-ET	USA 71892515						
SUGAR-BREEZE EPC TRANSIT-ET	USA 71892512						
SUGAR-BREEZE EPC TRICK-ET	USA 71892514						
SUGAR-BREEZE EPIC TRIX	USA 71613056						
SUGAR-BREEZE EPIC TROGAN-ET	USA 71892516						
SUGAR-BREEZE EQU TEQUILA-ET	USA 70286147	C					
SUGAR-BREEZE GOLD CHIP FLIP	USA 70286159						3
SUGAR-BREEZE IOTA NOELLE	USA 70286154						
SUGAR-BREEZE LADD 2004-P	USA 72247977						1
SUGAR-BREEZE LARGE 197-TW	USA 70286170						
SUGAR-BREEZE LARGE 198-TW	USA 70286171						
SUGAR-BREEZE LEXOR 194-ET	USA 70286167						
SUGAR-BREEZE LEXOR 196-ET	USA 70286169						
SUGAR-BREEZE MAN-O-MAN NICE	USA 68617419						
SUGAR-BREEZE MOGUL 1989	USA 71485177						
SUGAR-BREEZE MOGUL NIMBA	USA 71892527						
SUGAR-BREEZE NIFTY-RED-ET	USA 71892530						
SUGAR-BREEZE NUMB ONE 1991	USA 71485179						
SUGAR-BREEZE PZ ABBIE-ET	840003127914288						
SUGAR-BREEZE PZ ALBERTA-ET	840003127914300					C	
SUGAR-BREEZE PZ ALLIE-ET	840003127914188					C	
SUGAR-BREEZE PZ ALLISON-ET	840003127914199					C	
SUGAR-BREEZE SHM TRIPOLY-ET	USA 70286152						
SUGAR-BREEZE SHOTTLE 205	USA 71892517						
SUGAR-BREEZE TG DOORMAN AMP	USA 71892551						
SUGAR-BREEZE UN TEARDROP-ET	USA 71892521						
SUGAR-BREEZE UNO TALA-ET	USA 71892523						
SUGAR-BREEZE UNO TATE-ET	USA 71892522						
SUGAR-BREEZE UNO TIPSEY-ET	USA 71892524						
SUGAR-C BELUGA SHEENA	USA 73448518						
SUGAR-C BOLIVER REECE	USA 63145960	C					
SUGAR-C BRITT 2757	USA 62827347						
SUGAR-C DENVER FINALE	840003132808004						
SUGAR-C DOORMAN EMAIL-ET	USA 72806915						
SUGAR-C ENFORCER 5319	USA 74376086						
SUGAR-C EPIC GINNY-ET	USA 74376112						
SUGAR-C EPIC MS GENIE-ET	USA 74376115					C	
SUGAR-C EPIC MYLADY	USA 72806797	C					
SUGAR-C FREDDIE 3974	USA 69393186						
SUGAR-C G MARLY-ET	USA 62827389						
SUGAR-C K STELLA	USA 74376228						

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

Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUGAR-C M E SAMMI-ET	840003132807960						
SUGAR-C M E SUNSET-ET	840003132807964						
SUGAR-C M GABBY	USA 74376164						
SUGAR-C M SWEETIE	USA 74376261						
SUGAR-C MACK ELITE	USA 74376156						
SUGAR-C MACK HONEYBEE	USA 73448519						
SUGAR-C MCC FAITH-ET	USA 72806986						
SUGAR-C MCC MADAME	USA 72806904						
SUGAR-C MCC MONIQUE	USA 73448373						
SUGAR-C MCCUTCHEN 5237	USA 73448510						
SUGAR-C MILES 5414	USA 74376181						
SUGAR-C MOGUL 4797	USA 72065639						
SUGAR-C MONTROSS GIDDY	840003132807942						
SUGAR-C MUNITION 5364	USA 74376131			C			
SUGAR-C MUNITION 5428	USA 74376195						
SUGAR-C MUNITION MARY	USA 74376110						
SUGAR-C NAVS B SABLE-ET	USA 70160057						
SUGAR-C NAVS B SATIN-ET	USA 70160058						
SUGAR-C NAVS F SAGE	USA 71455202						
SUGAR-C NAVS F SHINY	USA 71455205						
SUGAR-C NAVS IOTA SUNNY-ET	USA 71012804						
SUGAR-C NAVS SARAH ANNE-ET	USA 68851100						
SUGAR-C NAVS SHARON-ET	USA 68851101						
SUGAR-C OUTSIDE LIME-ET	USA 135509997						
SUGAR-C PETY MOONWALK	USA 74376271						
SUGAR-C PETY SPICE	USA 74376237						
SUGAR-C RAMOS 4630	USA 71515042						
SUGAR-C RAMOS MISSY	USA 136070203						
SUGAR-C RANDI 4584	USA 71514996						
SUGAR-C RANDI 4585-TW	USA 71514997						
SUGAR-C RANDI 4586-TW	USA 71514998						
SUGAR-C RANDI 4600	USA 71515012						
SUGAR-C RANDI 4609	USA 71515021						
SUGAR-C RANDI 4611	USA 71515023	C					
SUGAR-C RANDI 4614	USA 71515026	C					
SUGAR-C RANDI 4618	USA 71515030						
SUGAR-C RANDI 4620	USA 71515032						
SUGAR-C RANDI 4633	USA 71515045						
SUGAR-C RANDI 4644	USA 71515056	C					
SUGAR-C RANDI 4646	USA 71515058	C					
SUGAR-C RANDI 4647	USA 71515059	C					
SUGAR-C RANDI 4648-TW	USA 71515060	C	C				
SUGAR-C RANDI 4649-TW	USA 71515061						
SUGAR-C S S EASY	USA 73448537						
SUGAR-C SHAN EROY-ET	USA 72806882						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUGAR-C SHIANA	USA 72806872						
SUGAR-C SS MARIAH	USA 73448574						
SUGAR-C SS SHARI-ET	USA 72806880						
SUGAR-C SS SHELIA-ET	USA 72806881						
SUGAR-C SUPER 4118	USA 70159896						
SUGAR-C SUPERSIRE 5285	USA 73448558						
SUGAR-C SUPERSIRE 5293	USA 73448566						
SUGAR-C SUPERSIRE 5354	USA 74376121						
SUGAR-C SUPERSIRE 5373	USA 74376140						
SUGAR-C SUPERSIRE 5399	USA 74376166						
SUGAR-C SUPERSIRE 5400	USA 74376167						
SUGAR-C SUPERSIRE 5407	USA 74376174						
SUGAR-C T SILKY-ET	USA 74376100						
SUGAR-C T SULTRY-ET	USA 74376094						
SUGAR-C TOYSTORY MARINA-ET	USA 63454910						
SUGAR-C UNO E BAY-ET	USA 72065543						1
SUGAR-C UNO ELLA-ET	USA 72065539					C	
SUGAR-C UNO EMPRESS-ET	USA 72065519					C	1
SUGAR-C UNO ESSAY-ET	USA 72065540						
SUGAR-C W SHIMMER	840003132807955						
SUGAR-C YODER WHISTLE	840003132807974						
SUGAR-C-NAVS FEATHER	USA 68851104						
SUGAR-C-NAVS I FLORAL	USA 71012729						
SUGAR-KNOLL ANAHM ALLIA-ET	USA 74065726						
SUGAR-KNOLL ATWOOD XCITE	USA 71346065						
SUGAR-KNOLL BC 1448	USA 72887135						
SUGAR-KNOLL BOMBERO AURORA	840003130822077						
SUGAR-KNOLL BOMBERO GIGGLE	840003130822091						
SUGAR-KNOLL CARMELO VIKKI	USA 72165401						
SUGAR-KNOLL DORCY DAISY	USA 72887115	C					
SUGAR-KNOLL DR CINNAMON-RED	USA 71346047						3
SUGAR-KNOLL EVEREST GIGGLE	USA 72165417						
SUGAR-KNOLL GUTHRIE GISELLE	USA 72165414						
SUGAR-KNOLL IMPRESSN ANIKKA	840003130822089						
SUGAR-KNOLL LAUTHORITY DANA	USA 72165394						
SUGAR-KNOLL MCCUTCH 1504-TW	840003130822081						
SUGAR-KNOLL MCCUTCH 1505-TW	840003130822082						
SUGAR-KNOLL SHAMROCK MACY	USA 72165413						
SUGAR-KNOLL XPLODE-P	USA 72887119						
SUGAR-VALLEY EMERALD 1980	USA 71485168	C					
SUGAR-VALLEY TRUMP 1712	USA 69315506						
SUL-AKES DURHAM SOPHIA	USA 69418440						
SUL-MAR GULF SILKY	USA 56649489						
SUL-MAR SUPER SUKI	USA 55211590						
SULLHRTFORD B PAYTON 404-ET	USA 72531529						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SULLHRTFORD DA MAGIC CRI-ET	840003011817124						
SULLHRTFORD DA MAIZY CRI-ET	840003011817127						
SULLHRTFORD DAY 387-ET	USA 71141905						
SULLHRTFORD ERHT IRIS409-ET	USA 72531534						
SULLHRTFORD GERVASE 311-ET	USA 71141829						
SULLHRTFORD GERVASE 312-ET	USA 71141830						
SULLHRTFORD HY EVODI 368-ET	USA 71141886						
SULLHRTFORD HY MANDY 385-ET	USA 71141903						
SULLHRTFORD HY SALLY 369-ET	USA 71141887						
SULLHRTFORD JM DALLY 464-ET	USA 72531589						
SULLHRTFORD JM JERRY 474-ET	USA 72531599			C			
SULLHRTFORD JOSUPER MAIYA	USA 143290476						
SULLHRTFORD LATMER HERMIONE	USA 55624270						1
SULLHRTFORD LITHIUM 1057	USA 57158338						
SULLHRTFORD LOUISE 440-ETS	USA 72531565			C			
SULLHRTFORD LTM OPAL 420-ET	USA 72531545						
SULLHRTFORD LTM VERA 422-ET	USA 72531547						
SULLHRTFORD MARLISA CRI-ET	USA 71452109						
SULLHRTFORD MCCUTCHEN 8685	840003127292850						
SULLHRTFORD MGASR IMPATIENS	840003126823168						
SULLHRTFORD MINKA CRI-ET	840003011817203						
SULLHRTFORD MINTY CRI-ET	840003011817205						
SULLHRTFORD MISSOURI JUNE	840003131912186					C	
SULLHRTFORD MOGUL 371-ET	USA 71141889						
SULLHRTFORD NUNO ANA 383-ET	USA 71141901						
SULLHRTFORD SPRS 629 487-ET	USA 74261004						
SULLHRTFORD SPRS 642 475-ET	USA 74261017						
SULLHRTFORD SUDAN 327-ET	USA 71141845						
SULLHRTFORD TG TRISH 475-ET	USA 72531600		C				
SULLHRTFORD THELMA 439-ETS	USA 72531564			C			
SULLHRTFORD TNG RAZZ 487-ET	USA 72531612		C				
SULLY ARMSTEAD MARQUETTE-ET	USA 139853986			C			
SULLY ARMSTEAD MIAMI-ET	USA 66185102			C			
SULLY BALISTO MARGO-ET	USA 142713505						
SULLY BALISTO MERRY-ET	USA 142713493						
SULLY BALISTO MONEY-ET	USA 142713484						
SULLY BOLTON 744	USA 63423968						
SULLY BOWSER 104-ET	USA 69951885						
SULLY BOWSER 106-ET	USA 69951887						
SULLY BOWSER 107-ET	USA 69951888			C			
SULLY CAMERON MISSY-ET	USA 56350383						
SULLY CARLS-HILLS MADDIE-ET	USA 52852190						
SULLY CARLS-HILLS MAELYN-ET	USA 52852193						
SULLY CARLS-HILLS MAGENA-ET	USA 52852192						
SULLY CARLS-HILLS MALIA-ET	840003123736289						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SULLY CARLS-HILLS MARCY-ET	USA 52852189						
SULLY CARLS-HILLS MERRIE-ET	840003123736286						
SULLY CARLS-HILLS MESHA-ET	840003123736287						
SULLY CARLS-HILLS MIST-ET	USA 52852191						
SULLY CARLS-HILLS MOCHO-ET	840003123736290						
SULLY CARLS-HILLS MOLLY-ET	840003123736288						
SULLY CASHCION 947-ET	840003011481957						1
SULLY CASHCOIN 2270-ET	840003010225867						
SULLY CASHCOIN 2505 MAUI-ET	USA 72790564						1
SULLY CASHCOIN 2506 MIA-ET	USA 72790565						
SULLY CASHCOIN 2507 MEG-ET	USA 72790566						
SULLY CASHCOIN 2508 MARI-ET	USA 72790567						
SULLY CASHCOIN MARILYN-ET	USA 142483262						
SULLY CASHCOIN MONIQUE-ET	USA 142483253						1
SULLY CASUAL MADALYN-ET	USA 142384442						
SULLY CASUAL MADDISON-ET	USA 142384433						
SULLY CASUAL MALIA-ET	USA 142388334						
SULLY CASUAL MCKAYLA-ET	USA 142423279						
SULLY CASUAL MCKENZIE-ET	USA 142423260						
SULLY CASUAL MELANIE-ET	USA 142388325						
SULLY COLT-P 301-ET	USA 71141819			C			
SULLY DIGGER MARLO	USA 56350312			C			3
SULLY DOMAIN KANSAS	USA 53453790			C			
SULLY DOMAIN OREO	USA 56350376						
SULLY EARNIT 937-ET	USA 66011398						
SULLY EARNIT ODELIA-ET	USA 53453712						
SULLY EARNIT ORMSTOWN-ET	USA 139853968						
SULLY ELVIS MICHELOB	USA 56350367						
SULLY ELVIS OLIVIA	USA 56350368						
SULLY ELVIS ZAP	USA 56350362						
SULLY ENFCR ENVY 466-ET	USA 72531591						
SULLY EPIC 812-ET	840003010225759						
SULLY EPIC 814-ET	840003010225761						
SULLY EPIC 819-ET	840003010225766						
SULLY ERNHRT ELLI 441-ET	USA 72531566						
SULLY ERNHRT KIWI 405-ET	USA 72531530						
SULLY EXPLODE OUDIN	USA 56404878						
SULLY EXPLODE VICKIE	USA 56350356	C					
SULLY GIAFEETI 248-ET	USA 70371970						
SULLY GIAFEETI 299-ET	USA 70372021						1
SULLY GIAFEETI 300-ET	USA 70372022						1
SULLY GOLD CHIP OPIE	USA 56404899						
SULLY GOLDWYN ONTARIO	USA 137312931						
SULLY GRAFEETI OZTEQUE	USA 56350379						
SULLY HART 140-ET	USA 69951921						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SULLY HART BOWSER 129-ET	USA 69951910						
SULLY HART BOWSER 130-ET	USA 69951911						
SULLY HART DENIM 189-ET	USA 69951970						
SULLY HART DENIM 296-ET	USA 70372018						
SULLY HART DOMAIN 133-ET	USA 69951914						
SULLY HART DOMAIN 135-ET	USA 69951916						
SULLY HART ENFR ZEAL 463-ET	USA 72531588						
SULLY HART ERDMAN 214-ET	USA 70371936			C			
SULLY HART GERARD 143-ET	USA 69951924						
SULLY HART GERARD147 GIN-ET	USA 69951928						
SULLY HART GOLDWYN 704-ET	USA 63423928			C			
SULLY HART KARSTEN 11-ET	USA 68737236			C			
SULLY HART KRAMER 169-ET	USA 69951950						
SULLY HART MAC 827-ET	USA 64795859						
SULLY HART SAMANTHA-ET	USA 70371937						
SULLY HARTFORD CLARK 272-ET	USA 70371994						
SULLY HARTFORD CLARK 273-ET	USA 70371995						
SULLY HARTFORD CLARK 277-ET	USA 70371999						
SULLY HARTFORD SNWMN 280-ET	USA 70372002						
SULLY HARTFORD SNWMN 281-ET	USA 70372003						
SULLY HARTFORD SNWMN 282-ET	USA 70372004						
SULLY HARTFORD SNWMN 283-ET	USA 70372005			C			
SULLY HARTFORD SNWMN 284-ET	USA 70372006			C			
SULLY HARTFORD SNWMN 285-ET	USA 70372007			C			
SULLY HARTFORD SNWMN 286-ET	USA 70372008			C			
SULLY HARTFORD SNWMN 287-ET	USA 70372009						
SULLY HARTFORD SNWMN 288-ET	USA 70372010						
SULLY HIGHWAY MARLYS-ET	USA 56350391						
SULLY HIGHWAY MARTHA-ET	USA 56350390						
SULLY JABIR MEGASTAR-ET	USA 142804928						
SULLY JABIR MELT 478-ET	USA 72531603						
SULLY JABIR MM-ET	USA 142804946						
SULLY JACKMAN MANDY-ET	USA 56488771						
SULLY JACKMN JENN 435-ET	USA 72531560						
SULLY JACKMN JILL 433-ET	USA 72531558						
SULLY JEEVES MALTESE	USA 53453744						
SULLY JEEVES OZMA	USA 139979462						
SULLY JET STREAM OAQUE-ET	USA 138805065						
SULLY JET STREAM OXYGEN-ET	USA 138805092						
SULLY JETST MILLY 509-ET	USA 73276731						
SULLY JETSTREAM OZDUST	USA 139979453						
SULLY JIVES DEBRA	USA 56350355						
SULLY JIVES OSWEGO	USA 56350353						
SULLY JUPITER OLE	USA 56350322						
SULLY LANCOME 1042-ET	840003013043259						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SULLY LANCOME 1044-ET	840003013043261						
SULLY LIQUID GOLD MARS-ET	USA 142669084						
SULLY LITHIUM MARY-ET	USA 142390968						
SULLY LITHIUM MIELY-ET	USA 71912719						
SULLY LOTTOMAX MADELYN-ET	840003128656194						
SULLY LOTTOMAX MAGGIE-ET	840003128656191						
SULLY LOTTOMAX MAISIE-ET	840003128656190						
SULLY LOTTOMAX MANDIE-ET	840003128656189						
SULLY LOTTOMAX MATILDA-ET	840003128656195						
SULLY LOTTOMAX MONIQUE-ET	840003128656188						
SULLY MAC DELIGHT-ET	USA 139322608			C			
SULLY MAC OPAQUE-ET	USA 138805074						
SULLY MACK 1011-ET	840003013043228						
SULLY MAN-O-SHAN MAE-ET	USA 142391008						
SULLY MAN-O-SHAN MARTHA-ET	USA 142390995						
SULLY MARDI GRAS PENNY-ET	840003128656186						
SULLY MERIDIAN MAMIE	USA 142566297			C			
SULLY MERIDIAN MAY	USA 142566925						
SULLY METEOR OAKIE	USA 56350313						
SULLY METEOR OLIVIA	USA 56350311						
SULLY METEOR RISQUE	USA 56350347						
SULLY MILLION OLYMPIA-ET	USA 53453719		C				
SULLY MOSCOW 931-ET	USA 66011392						
SULLY NUMERO UNO MADGE-ET	USA 142076132						
SULLY NUMERO UNO MARIBEL-ET	USA 56350373						
SULLY NUMERO UNO MICKEY-ET	USA 142076141						
SULLY OAK MAGGIE-ET	USA 142433847						
SULLY OAK MANDA-ET	USA 142433838						
SULLY OBSERVER OLE	USA 56350327						
SULLY OBSERVER ORONOCO	USA 56350331						
SULLY PLANET 935-ET	USA 66011396			C			
SULLY PLANET KASSON	USA 53453730						
SULLY PLANET MANITOBA-ET	USA 139853931						
SULLY PLANET MARILYN	USA 53453725						
SULLY PLANET MONTANA-ET	USA 139853977						
SULLY PLANET MONTREAL-ET	USA 139853959						
SULLY PLANET OAKLEY	USA 56211908						
SULLY PLANET OCULAR	USA 53453738						
SULLY PLANET OHIO	USA 53453722						
SULLY PLANET OLIVE	USA 53453732						
SULLY PLANET OSWEGO	USA 53453747						
SULLY PLANET OUTAGE	USA 53453739						
SULLY RANSOM MARLYS-ET	USA 142391811						
SULLY RANSOM OLIVE	USA 142566318						
SULLY ROBUST 720-ET	840003008167779						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SULLY ROUMARE 841-ET	USA 64795873						
SULLY ROUMARE OZARK-ET	USA 139054631				C		
SULLY SANDY 938	USA 66011399			C			
SULLY SHAMROCK OLEO	USA 56350363						
SULLY SHOTTLE MARCH-TW	USA 138218276					C	
SULLY SHOTTLE MAY-TW	USA 138218285			C			
SULLY SHOTTLE OKOBOJI-ET	USA 53453708					C	
SULLY SHOTTLE OTELIA-ET	USA 53453710					C	
SULLY SILVER MALORY-ET	840003128656198						
SULLY SILVER MELODY-ET	840003128656197						
SULLY SILVER MISTY-ET	840003128656196						
SULLY STORMATIC OPERA	USA 134366203						1
SULLY UNO MAGNIFIQUE-ET	USA 56350374						
SULLY YUENGLING MAJIQUE-ET	USA 56350349						
SUMMER-DREAM AB LOVE-RED-ET	USA 73507968						
SUMMER-DREAM CADE-ET	840003131528289						
SUMMER-DREAM CHIP 10-RED-ET	USA 73440265						
SUMMER-DREAM CHIP 3612-ET	840003014142250						
SUMMER-DREAM COLT45 8-ET	USA 73440263						
SUMMER-DREAM CP 3611-RED-ET	840003014142249						1
SUMMER-DREAM CP 7317-RED-ET	840003012257281						1
SUMMER-DREAM CP LILY-RED-ET	USA 70179622						
SUMMER-DREAM CT45 13-RED-ET	USA 73720766						
SUMMER-DREAM CT45 14-RED-ET	USA 73720767						
SUMMER-DREAM E HARMONY 6216	USA 71342385		C				
SUMMER-DREAM EFFECT 871-ET	USA 72633944						
SUMMER-DREAM EFFECTP 872-ET	USA 72633945						
SUMMER-DREAM EPIC HOPE-ET	840003012667050		C				
SUMMER-DREAM ERASER 492-ET	840003131005773						1
SUMMER-DREAM GOLDP 3-RED-ET	USA 73440258						1
SUMMER-DREAM GOLDP 4-RED-ET	USA 73440259						
SUMMER-DREAM GOLDP 6-RED-ET	USA 73440261						
SUMMER-DREAM HERO DELIGHT	USA 71503163						
SUMMER-DREAM LADDP 2-RED-ET	USA 73440257						1
SUMMER-DREAM LADDP LUAN-RED	USA 73299128						1
SUMMER-DREAM LONG 16-ET	USA 73720769						1
SUMMER-DREAM LONGP 5-ET	USA 73440260						
SUMMER-DREAM LP 1301-ET	USA 142574966						1
SUMMER-DREAM MASSEY 1-ET	USA 73440256						1
SUMMER-DREAM PREDST 9-ET	USA 73440264						
SUMMER-DREAM S CADE 4330-ET	840003126231554						1
SUMMER-DREAM SILVRP 7314-ET	840003012257284						1
SUMMER-DREAM SLV BRISTOL-ET	840003134358861						
SUMMER-DREAM SLVR BROOKE-ET	840003134358866						
SUMMER-DREAM SPARK CASH-ET	840003134284613						1

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SUMMER-DREAM SPARK CLASH-ET	840003131903631						
SUMMER-DREAM TLT LEI-RED-ET	USA 71846725						
SUMMER-DREAM TLT LOA-RED-ET	USA 71846727						1
SUMMERLIZ LALYA EPIC	CAN 107693947						
SUMMERLIZ LALYA MEGGUIE-ET	840003014334828						
SUMMERLIZ LAUSIANA SHOTTLE	CAN 105000997						
SUMMERLIZ LAUSYNA SHOTTLE-ET	CAN 105343424						1
SUMMERLIZ MAN O MAN LAUSY-ET	CAN 106430857						1
SUMMERLIZ MAN O MAN LAUSYA-ET	CAN 106430858						1
SUMMERLIZ SHOTTLE LAUSY-ET	CAN 104859940					C	1
SUMMITHOLM RUDOLPH TISH	CAN 8131708						
SUN-FAR LADD-P TEAPOT-RED	USA 72313057						1
SUN-MADE ALEXANDER PEACE-ET	USA 68865806						1
SUN-MADE ALEXANDER PEACH-ET	USA 68865844						1
SUN-MADE ALEXANDR PEACHY-ET	USA 68865843						1
SUN-MADE ATWOOD BIANCA-ET	USA 70540268						
SUN-MADE ATWOOD MYLA-ET	USA 141937441						
SUN-MADE LA MILDRED-RED-ET	USA 72673088		C				
SUN-MADE PEACHES-ET	USA 68851080						1
SUN-MADE PRONTO LOUISE-ET	USA 68865788						
SUN-MADE PRONTO PEACH-ET	USA 68865841						
SUNDAY 15-ET	DEU 579858439	C					1
SUNDAY ALH PRUDENCE-ET	NLD 324902417	C					
SUNKREST EQUATION ADMIRE	USA 73814258						
SUNKREST GOLD CHIP VEIL-ET	USA 72216282						
SUNKREST WIND ADVENTURE-ET	USA 73814271						1
SUNNY-CREST MARVIN GIRTIE	USA 143137333						
SUNNY-CREST MARVIN SALLY	USA 143137342						
SUNNY-HILLVUE BRX SEQUOIA	USA 68964188						
SUNNY-HILLVUE BT TYRA	USA 68964171						1
SUNNY-HILLVUE T TIME	USA 68964172						
SUNNY-HILLVUE WJ ADDISON-ET	USA 66738864						
SUNNY-ROX ALCHEMY 7958-ET	840003009533778						1
SUNNY-ROX ALCMY 7803-RED-ET	840003009533623						1
SUNNY-ROX MCCUTCH MOONLITE	USA 143415875						3
SUNNY-TRAIL MADEIRA 152 ZOY	USA 72262068						
SUNNY-TRAIL SHAMPOO 154 DAN	USA 72262070						
SUNNY-TRAIL SHOTTLE 219 KIM	USA 72732316						
SUNNY-VALLEY A FAVOR-RED-ET	USA 140272765						
SUNNY-VALLEY ADVENT DANI-TW	USA 139636259						
SUNNY-VALLEY ADVENT MARCH	USA 138632177						
SUNNY-VALLEY AFTER GEMINI	USA 71709846					C	
SUNNY-VALLEY AFTSHOC EGGNOG	USA 140848531					C	
SUNNY-VALLEY APRIL WINE	USA 70666275						
SUNNY-VALLEY D FORTUNE-RED	USA 141753519						1

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUNNY-VALLEY FALCON-RED-ET	USA 136053592						
SUNNY-VALLEY FOXY-RED-ET	840003004508653						
SUNNY-VALLEY ROY ERASER-ET	USA 137686717						
SUNNY-VALLEY ROY MILKYWAY	USA 136833497						
SUNNY-VALLEY TAL FRISCO-ET	USA 140881505						
SUNNY-VIEWS ANIKA-RED	USA 170263566						
SUNNYBEND GOLDSTAR CUPID	840003134093479						
SUNNYLIDGE GOLDWYN SASHA-ET	CAN 7876682						1
SUNNYLODGE ALLEN SWEETY-ET	CAN 9407632						
SUNNYLODGE M B LEONA-RED-ETS	CAN 9669673		C				3
SUNNYLODGE MORTY SERAFINA-ET	CAN 7620955						
SUNNYLODGE SARAH LOU-ET	CAN 7876690						
SUNNYLODGE SEAVER SAMANTHA	CAN 11408313						
SUNNYLODGE SHOTTLE SEASHEL-ETS	CAN 9921329					C	
SUNNYLODGE SUDAN SHELLY-ET	CAN 11408322						
SUNNYLODGE SUPERS SCARLETT-ETS	CAN 11666567						
SUNNYLODGE TITANIC SAMANTHA-ET	CAN 7425460						
SUNNYPOINT 1861 ENFORCER-ET	CAN 11859332						
SUNNYSIDE 2631 DESTINED	840003126010530						
SUNNYSIDE CORA DEBO-RED-ET	USA 66599189						
SUNNYSIDE DAFFY GOLDWYN-ET	USA 65512408						1
SUNNYSIDE DANA BALTIMORE-ET	840003126010596					C	1
SUNNYSIDE LACY SUPERSIRE	840003126010467						
SUNNYSIDE MAE ATWOOD-ET	840003126010436						
SUNNYSIDE MEL ASPEN-ET	USA 65512466						
SUNNYVIEW-BK DOORMAN ALYSE	840003011721534					C	
SUNNYVIEW-BK GUTHRIE 3692	840003011721570	C					
SUNNYVIEW-BK MONTEREY A OK	840003132342558						
SUNNYVIEW-BK SILVER 4138	840003132342572						
SUNNYVILLE KAT ATWOOD KHAOS	USA 71411827						
SUNNYVILLE KAT SUPER KOOL	USA 69434866						
SUNQUEST BAHAMA INDIGO-ET	840003011181668				C		3
SUNQUEST BOMBERO WONDERBUG	840003128124710						
SUNQUEST DAL WHOOP WHOOP-ET	840003128124720						
SUNQUEST DB REJOICE-RED-ET	840003128124729						1
SUNQUEST DELTA WHATEVER-ET	840003128124723						
SUNQUEST DELTA WHATZUP-ET	840003128124719						
SUNQUEST DELTA WHISTLE-ET	840003128124718						
SUNQUEST DELTA WICKED-ET	840003128124721						
SUNQUEST DELTA WINNER-ET	840003128124724						
SUNQUEST DELTA WONDER-ET	840003128124725						
SUNQUEST DELTA WOWZA-ET	840003128124722						
SUNQUEST DOLO RAIVYN-ET	840003013074539						1
SUNQUEST DOLO RIBBEN-ET	840003013074540						1
SUNQUEST E SATRN 8959 PP-ET	840003012130228						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUNQUEST EFECT ROSIE-RED-ET	840003011181674						1
SUNQUEST EFFECT RHYM-ET	840003011181675						1
SUNQUEST EFFECT RUBY-RED-ET	840003011181672						1
SUNQUEST EFFECT RYTHM-ET	840003011181673						
SUNQUEST ER RACHEL P-ET	840003128124726						1
SUNQUEST ERASER PHILLY-P-ET	840003126003437						1
SUNQUEST ERSR SARA 8957P-ET	840003012130226						
SUNQUEST HYDRO ISLAND-ET	840003013074548						
SUNQUEST JAX BRAZIL-RED-ET	840003128124705						
SUNQUEST KB PAY MY TAXES-ET	840003131021895						1
SUNQUEST KB REVELON-ET	840003013074572						
SUNQUEST KB ROYAL-ET	840003128124743						
SUNQUEST KB RUMCHATA-ET	840003013074571						
SUNQUEST KB RUMMY-ET	840003131021893						1
SUNQUEST KINGBOY RADICAL-ET	840003128709028						
SUNQUEST KINGBOY RAZEL-ET	840003128709033						
SUNQUEST KINGBOY SPRY-ET	840003128709025						
SUNQUEST PB REMEDY-ET	840003128124731						1
SUNQUEST PB RUMMY-ET	840003128124736						1
SUNQUEST PB RUMOR-ET	840003128124740						
SUNQUEST PB SHOUT P-ET	840003128124732						
SUNQUEST PB SING P-ET	840003128124739						
SUNQUEST ROCK CANDY	840003011181656						
SUNQUEST ROYALTY-ET	840003128124741						1
SUNQUEST SHAMROCK 4002-ET	USA 71996406						
SUNQUEST SHOWDOWN ROO-ET	840003013074535						2
SUNQUEST STRN 8958 P-ET	840003012130227						
SUNQUEST SUNFSH REDFISH-RED	840003128124713						2
SUNQUEST VH COLT RAD P	840003007816064						1
SUNQUEST VH IOTA ROSIE-ET	840003008892649						1
SUNQUEST VH IOTA ROXANN-ET	840003008892644						
SUNQUEST VH SILVER STARR-ET	840003011181660						
SUNQUEST VH SKITTLES-ET	840003013074533						
SUNQUEST VH SODA-ET	840003013074532						1
SUNQUEST VH SUPER SASSY-ET	840003011181664						1
SUNQUEST VH SUPER SWEET-ET	840003011181665						1
SUNQUEST YODER MOMMA-ET	840003126003254						
SUNRISE-VIEW AMBUSH 2005	840003131952844						
SUNRISE-VIEW BARRY 1996	840003131952835					C	
SUNRISE-VIEW BARRY 2021	840003131952860		C				
SUNRISE-VIEW BARRY 2024	840003131952863					C	
SUNRISE-VIEW BLAKE 1979	USA 73215621						
SUNRISE-VIEW BODEN 1953	USA 73215595						
SUNRISE-VIEW BODEN 1968	USA 73215610						
SUNRISE-VIEW BRADELL 1983	840003131952822						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUNRISE-VIEW BRADELL 1984	840003131952823						3
SUNRISE-VIEW CUPID 1980	USA 73215622		C				3
SUNRISE-VIEW CUPID 1987	840003131952826						3
SUNRISE-VIEW CUPID 2000	840003131952839		C				3
SUNRISE-VIEW DURABLE 1973	USA 73215615						3
SUNRISE-VIEW DURABLE 1990	840003131952829		C				3
SUNRISE-VIEW DURABLE 2006	840003131952845		C				3
SUNRISE-VIEW DURABLE 2009	840003131952848		C				3
SUNRISE-VIEW DURABLE 2011	840003131952850		C				3
SUNRISE-VIEW GULF 1966	USA 73215608						
SUNRISE-VIEW GULF 1971	USA 73215613						
SUNRISE-VIEW GULF 2004	840003131952843						
SUNRISE-VIEW HALOGEN 2002	840003131952841						
SUNRISE-VIEW HALOGEN 2030	840003131952869						
SUNRISE-VIEW HOTSHOT 2017	840003131952856						1
SUNRISE-VIEW HOTSHOT 2026	840003131952865						
SUNRISE-VIEW LAMBERT 1995	840003131952834						3
SUNRISE-VIEW LARGE 2013	840003131952852						
SUNRISE-VIEW LEGEND 2010	840003131952849						
SUNRISE-VIEW LEGEND 2018	840003131952857						
SUNRISE-VIEW LEGEND 2023	840003131952862						3
SUNRISE-VIEW LOUIS 1997	840003131952836						
SUNRISE-VIEW MANOMAN2 1981	840003131952820						
SUNRISE-VIEW MANOMAN2 1982	840003131952821						
SUNRISE-VIEW MANOMAN2 1985	840003131952824						
SUNRISE-VIEW MANOMAN2 1986	840003131952825						
SUNRISE-VIEW MANOMAN2 1991	840003131952830						
SUNRISE-VIEW MANOMAN2 1993	840003131952832						
SUNRISE-VIEW MANOMAN2 1994	840003131952833						
SUNRISE-VIEW MASSEY 1958	USA 73215600						
SUNRISE-VIEW MASSEY 1974	USA 73215616						
SUNRISE-VIEW MASSEY 2003	840003131952842						
SUNRISE-VIEW MASSEY 2008	840003131952847						
SUNRISE-VIEW MASSEY 2032	840003131952871						
SUNRISE-VIEW MCNUGGETS 2012	840003131952851						
SUNRISE-VIEW PARIDE 2027	840003131952866						
SUNRISE-VIEW PETRONE 2016	840003131952855		C				
SUNRISE-VIEW PREMIUM 1969	USA 73215611						
SUNRISE-VIEW PREMIUM 1970	USA 73215612						
SUNRISE-VIEW PREMIUM 1975	USA 73215617						
SUNRISE-VIEW PREMIUM 1978	USA 73215620						
SUNRISE-VIEW PREMIUM 2015	840003131952854						
SUNRISE-VIEW PREMIUM 2019	840003131952858						
SUNRISE-VIEW PREMIUM 2020	840003131952859						
SUNRISE-VIEW PREMIUM 2022	840003131952861						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SUNRISE-VIEW PREMIUM 2025	840003131952864						
SUNRISE-VIEW SHOTTBOLT 1988	840003131952827	C					
SUNRISE-VIEW SHOTTBOLT 1992	840003131952831						
SUNRISE-VIEW SHOTTBOLT 1999	840003131952838						
SUNRISE-VIEW SHOTTBOLT 2001	840003131952840						
SUNRISE-VIEW ST-LOUIS 2007	840003131952846		C				
SUNRISE-VIEW ST-LOUIS 2014	840003131952853						
SUNRISE-VIEW ST-LOUIS 2028	840003131952867						1
SUNRISE-VIEW SUPER 1972	USA 73215614						
SUNRISE-VIEW SUPER 2031	840003131952870						
SUNROSE JALYSSA	USA 141363248						
SUNROSE JENNA	USA 137062920		C				
SUNROSE JESS	USA 138810795						
SUNROSE L LINDSAY	USA 138857419						3
SUNSET-ACRES CHEVELLE P-RED	USA 140611722					C	1
SUNSET-ACRES DIVA P	USA 142565821						1
SUNSET-ACRES PORSCHE P-RED	USA 142685066		C			C	3
SUNSET-ACRES RHEA RC-ET	USA 143138204						
SUNSET-HAVEN BROOKE	USA 142628535			C			
SUNSET-HAVEN MJ ROSSALYN	USA 142685981	C					3
SUNSET-HAVEN MJ SOPHIA	USA 142776461	C					3
SUNSET-HAVEN SHAME CASY-TW	USA 142740941						
SUNSET-HILL 4EVER GRACEFUL	USA 137624311						
SUNSET-HILL CITABULL PUDDIN	USA 135398179						
SUNSET-JLS BLUEPRINT HALLIE	840003132675907		C				
SUNSET-JLS BOMBERO SALLY	840003128486464						
SUNSET-JLS BRAWLER POLLY	USA 73090020						
SUNSET-JLS FACEBOOK TASHIA	840003133580743						
SUNSET-JLS FBOOK DAYAMY-ET	840003128486446						
SUNSET-JLS FBOOK DESTINY-ET	840003128486445						
SUNSET-JLS HEFTY SAIRRA	USA 73090009						
SUNSET-JLS MALLA-ET	USA 70948606		C				3
SUNSET-JLS MONTEREY ZELEKAH	840003132675906						
SUNSET-JLS MUSCADET RIKKI	840003133580736						
SUNSET-JLS OLM JELLY-RED-ET	USA 73861926						
SUNSET-JLS OLMPAN JEWALL-ET	USA 73861927						
SUNSET-JLS OLN JENAE-RED-ET	USA 73861931						
SUNSET-JLS OLPN JINX-RED-ET	USA 73861928						
SUNSET-JLS SATCHEL JINX-ET	USA 71900308						
SUNSET-JLS SFREAK SOPHIE	USA 71369251					C	1
SUNSET-JLS SHOTTLE JEAN-ET	USA 68694254						1
SUNSET-JLS SHOTTLE JINX-ET	USA 68694241						1
SUNSET-JLS WICKHAM JAYMARIE	840003128486448						
SUNSHINE	NLD 436004630						
SUNSHINE-DAIRY D PROTEGE-ET	USA 18023681						

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SUNSHINE-DAIRY PROP CRI-ET	USA 60807832						
SUNSPARK APPLE CRUMBLE-RED-ET	CAN 12075586						1
SUNSPARK LADD APPLELICI-RED-ET	CAN 11523977						1
SUNSPARK MANOMAN CLEOPATRA	CAN 11523925						
SUNTOR LIGHTNING JELICA	CAN 103614372						
SUNTOR MAN O MAN JELENA-ET	CAN 106673229						1
SUNVIEW ALEXANDER MIAMI	CAN 11249262						1
SUNVIEW ANTON SUNSTRUCK-ET	840003123773573						
SUNVIEW ANTON SUNWISE-ET	840003123773572						
SUNVIEW COLT 45 SUNBIRD-ET	840003123773571						
SUNVIEW COLT 45 SUNLIT-ET	840003123773569						
SUNVIEW COLT 45 SUNUP-ET	840003123773566						
SUNVIEW EVENT HAILY-ET	840003128468644						
SUNVIEW EVENT HARLEY-ET	840003123773593						
SUNVIEW EVENT HELEN-ET	840003128468643						
SUNVIEW EVENT HIPPY-ET	840003123773594						
SUNVIEW EVENT SUNDAE-ET	840003123773581						
SUNVIEW EVENT SUNDANCE-ET	840003123773582						
SUNVIEW EVENT SUNDRY-ET	840003123773583						
SUNVIEW EVENT SUNSUE-ET	840003123773580						
SUNVIEW EVENT SUNTAN-ET	840003123773579						
SUNVIEW GOLD DIAMOND-ET	CAN 108535232						
SUNVIEW JABIR CHANEL-ET	840003012643782						
SUNVIEW JABIR CHASSY	840003123773576						
SUNVIEW KINGBOY HARMONY-ET	840003128468640						
SUNVIEW KINGBOY HARRIET-ET	840003128468641						
SUNVIEW KINGBOY HILLARY-ET	840003128468638						
SUNVIEW KINGBOY HONOR-ET	840003128468639						
SUNVIEW MAIN EVENT HELGA-ET	840003128468642						
SUNVIEW PRED SUNBEAM-ET	840003012643785						3
SUNVIEW PRED SUNNY-ET	840003012643784						3
SUNVIEW RACER HAPPY-ET	840003123773591						
SUNVIEW RACER HAZE-ET	840003123773590						
SUNVIEW RACER HOLLY-ET	840003123773587						
SUNVIEW RACER HONEY-ET	840003123773588						
SUNVIEW RACER HOPE-ET	840003123773589						
SUNVIEW RACER HUGO	840003123773584						
SUNVIEW SUPERSHOT HALLIE-ET	840003128468637						
SUNVIEW SUPERSHOT HALO-ET	840003128468631						
SUNVIEW SUPERSHOT HUGS-ET	840003128468628						
SUNVIEW SUPERSHOT HUMOR-ET	840003128468632						
SUNVIEW SUPERSIRE DANICA-ET	CAN 108535287						
SUNVIEW TROY HAZEL-ET	840003123773592						
SUPER BOMBA	ITA 29990034079	C		C			
SUPER-ET	HUN 3250593100						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SURBROOK DONATELLO PORTRAIT	840003128164363					C	
SURBROOK DONATELLO SUPRISE	840003128164364						
SURBROOK MID-N W ZINFANDEL	840003128164380						
SURBROOK MIDNIGHT MADELLIAN	840003128164398						
SURBROOK MOGUL MATTHEA	840003123654985						
SURBROOK SPARK SASSA	840003128164349						
SURE-VIEW ALAN ALAS	USA 68650368						
SURE-VIEW ALTAIOTA MABIL	USA 68650370						
SURE-VIEW ARMSTEAD HOBBY	USA 65592378						
SURE-VIEW ARMSTEAD LORI-ET	USA 65592407						
SURE-VIEW BAXTER ALWAYS	USA 63026678						
SURE-VIEW BOOKEM 1541	USA 70773489						
SURE-VIEW BOOKEM LANE	USA 70300044						
SURE-VIEW BOOKEM LUCKY	USA 70941091						
SURE-VIEW BOOKEM TANGO	USA 71764649					C	
SURE-VIEW BOOKEM VIENNA	840003009659512		C				
SURE-VIEW BRONCO JUNE-ET	USA 68650369						
SURE-VIEW COACH LIZZIE	USA 141782023						
SURE-VIEW COLT P ATALIE-RED	USA 141822187						
SURE-VIEW CRSN AFAR-RED	USA 68650364						
SURE-VIEW GENEVIEVE	USA 70851100						
SURE-VIEW GUTHRIE ALLRITE	USA 70812013						
SURE-VIEW LUCKY CHARM 987	USA 71123617						
SURE-VIEW M-O-M SHINEY-ET	USA 71108440						
SURE-VIEW MAN-O-MAN 315-ET	USA 68650330						
SURE-VIEW MICHAEL SHELLY	USA 65592389						
SURE-VIEW MILLION SINDY	USA 68650303						
SURE-VIEW MITEY TAMIKA-ET	USA 68650353			C			1
SURE-VIEW MP PLANET LEXI-ET	USA 68732000						
SURE-VIEW MRSHL ACE CRI-ET	USA 60475843						
SURE-VIEW OBSERVER SHERRY	USA 68650372						
SURE-VIEW OMAN JEZABEL-ET	USA 68650385						
SURE-VIEW OMAN JUBILEE-ET	USA 68650386						1
SURE-VIEW OMAN SHIMMER-ET	USA 68650359					C	
SURE-VIEW PDX ANITA-RED-ET	USA 134013011						
SURE-VIEW PLANET EMERALD	USA 68650307						
SURE-VIEW PLANET HELIUM	USA 68650341						
SURE-VIEW PLANET LOREN-ET	USA 68650299						
SURE-VIEW PLANET LUCKY-ET	USA 68650302						
SURE-VIEW SHANTILLY	USA 68851107						
SURE-VIEW SHOTTLE 309-ET	USA 68650324					C	
SURE-VIEW SUPER 314	USA 68650329						
SURE-VIEW TOPPLE	USA 70851097						
SUTTON ADVENT EMMY	USA 69785372						
SUTTON ALCHEMY ELF-RED	USA 70872104						

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SUTTON ARCHIVE EMMALOU-RED	USA 73179728						
SUTTON DUNDEE MADISON	USA 65964613						
SUTTON EXPLODE MAUI	USA 69785376						
SWAINDALE DESTRY SOOKIE	USA 141117753						
SWAINDALE RDLINR GODIVA-RED	USA 140692336						1
SWAMP-ACRES SANCHEZ LOIS	USA 72579718						
SWAMP-VIEW ALLTHAT LAAKA	USA 74080458						
SWAMPY-HOLLOW ALASKA	USA 143018452						
SWAMPY-HOLLOW C45 ALEX-ET	USA 142763340						
SWAMPY-HOLLOW C45 ALLY-ET	USA 142763274						
SWAMPY-HOLLOW C45 AMAZON-ET	USA 142763359						
SWAMPY-HOLLOW CAMARO-ET	USA 143264648						
SWAMPY-HOLLOW CAROL-ET	USA 143264693						
SWAMPY-HOLLOW CASH-ET	USA 143264666						
SWAMPY-HOLLOW CASSIDY-ET	USA 143264732						
SWAMPY-HOLLOW CHERRY-ET	USA 143264741						1
SWAMPY-HOLLOW CHLOE-ET	USA 143264723						1
SWAMPY-HOLLOW CINDY-ET	USA 143264714						1
SWAMPY-HOLLOW CLAIRE-ET	USA 143264705						
SWAMPY-HOLLOW CORVETTE-ET	USA 143264639						
SWAMPY-HOLLOW CREDIT-ET	USA 143264675						
SWAMPY-HOLLOW CYS ALEXIS-ET	USA 142763368						
SWAMPY-HOLLOW FANCY-RED-ET	USA 142757990						
SWAMPY-HOLLOW HELLCAT-ET	USA 142487471						
SWAMPY-HOLLOW HONEY-ET	USA 142250804					C	
SWAMPY-HOLLOW HOPE	USA 142364886						
SWAMPY-HOLLOW LADD CRUSH	USA 142468834						1
SWAMPY-HOLLOW LONG HAPPY-ET	USA 143016496						
SWAMPY-HOLLOW MOGUL HOAX-ET	USA 142250792					C	
SWAMPY-HOLLOW TAMMY-RED-ET	USA 142487695						1
SWAMPY-HOLLOW TONYA-RED-ET	USA 142487707						1
SWAMPY-HOLLOW TRIX-RED-ET	USA 142487716						1
SWAN-CREEK MR SAM GISELLE	USA 62860410						
SWANEE-ACRES LEHRJET COOKIE	USA 138422369	C					
SWANEE-ACRES SHO ECSTASY	USA 69270370						
SWEET-HAVEN DAGGER PUFF	USA 64002322						
SWEET-PEAS ACME FAWN-RED	USA 71726583						1
SWEET-PEAS BREEZE-RED-ET	USA 61902956						
SWEET-PEAS DEMPS BELIEVE-ET	USA 73532916						1
SWEET-PEAS DEMPSEY BONUS-ET	USA 73532917						
SWEET-PEAS DESTRY FALON-RED	USA 71118953		C				3
SWEET-PEAS DESTRY FARRAH-ET	USA 71118960						
SWEET-PEAS DUNDEE BENTLEY	USA 65682019						
SWEET-PEAS FELICIA-RED-ET	USA 71118961						4
SWEET-PEAS FELICITY-RED-ET	USA 65682026		C				3

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SWEET-PEAS FEVER ALEXA-ET	840003128824271						
SWEET-PEAS FRANCINE-RED-ET	USA 71118962						3
SWEET-PEAS LEE FLORA-ET	USA 131802007						
SWEET-PEAS LN-FA FIG-RED-ET	USA 72751031						1
SWEET-PEAS TERRASON MADISON	USA 61430312						
SWEET-PEAS TERRASON WIFFIE	USA 61430310						
SWEET-PEAS TITAN NUVEL	USA 61430313						
SWEET-WILLOW DAMI DARCY-ET	840003129844047						
SWEET-WILLOW DIGITAL ALEXIS	USA 66678104						
SWEET-WILLOW GOLD LECHE-ET	USA 66189389						
SWEET-WILLOW JASPER LAVITA	USA 66189399			C			
SWEET-WILLOW JAYZ ELM	USA 66189411						
SWEET-WILLOW JAYZ TOOTSIE	840003129844050						
SWEET-WILLOW LAURIN EXITE	USA 66189360						
SWEETSWING ATLANT CHILLI-ET	USA 74324247						
SWEETSWING ATLANTIC COAL-ET	USA 74324246						
SWEETSWING BROKAW SATURN-ET	USA 74324248						
SWEETSWING DEMPSEY STYLISH	USA 72359761						
SWEETSWING DUFNER DARLING	USA 74562005						
SWEETSWING GERVASE CHILL	USA 72359766						
SWEETSWING HALO ECLAIR-ET	840003130068245						
SWEETSWING HALOGEN EMILY-ET	840003130068246						
SWEETSWING MARLOW DESTINY	USA 74324139						3
SWEETSWING MAYFIELD DIVOT	USA 74324137						
SWEETSWING MAYFIELD HOCUS	USA 74324138						
SWEETSWING MAYFIELD MOO MOO	USA 74324140						
SWEETSWING MAYFIELD SCRAPPY	USA 74562004						
SWEETSWING MAYFIELD SILKY	USA 72359760			C			
SWEETSWING MIZZOU SPARKLE	840003130068249						
SWEETSWING MOGUL CASSIE	USA 74562002						
SWEETSWING MOGUL ESKIMO	USA 72359750						
SWEETSWING MOGUL LUCKY	USA 72359763						
SWEETSWING MOGUL LUVVY	USA 74562006						
SWEETSWING PADLOCK MUSIC	USA 74192615						
SWEETSWING PADLOCK ZAGNUT	USA 72359767						
SWEETSWING SABATHIA SPIFFY	USA 74562003						
SWEETSWING SANCHEZ CHRISTY	USA 70310202						
SWEETSWING SASON SUDS	USA 72359765						
SWEETSWING SUPERSIRE EXCESS	USA 72359737						
SWEETSWING SUPERSIRE SAGGY	USA 72359762						
SWEETSWING SUPERSIRE SONY	USA 72359759						
SWEETSWING TEMPO PETALS	USA 72359764						
SWENSON ST FROST 60394	840003010364141						
SWIGGUM HALOGEN SHANDY	840003130834676						
SWISS-ACRES DURHAM BARB	USA 135490862					C	

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISS-ACRES DURHAM VIOLA	USA 135489408						
SWISSBEC POWERBALL NELLA-ET	CAN 109538261						
SWISSBEC POWERBALL PING-ET	CAN 109538262						
SWISSLANE 12825	840003127566191						
SWISSLANE 12846	840003127566212						
SWISSLANE 12858	840003127566224						
SWISSLANE 12966	840003127566332						
SWISSLANE 13508	840003131014426						
SWISSLANE 13543	840003131014461						
SWISSLANE 13825	840003132613597						
SWISSLANE 13911	840003132613683						
SWISSLANE AFTERSHOCK 12832	840003127566198					C	
SWISSLANE AHEAD 13236	840003129050278						
SWISSLANE AL 12516	840003126244199						
SWISSLANE AL 12522	840003126244205						
SWISSLANE AL 12660	840003126244343						
SWISSLANE AL 12689	840003126244372						
SWISSLANE AL 12875	840003127566241					C	
SWISSLANE ALTAENTRUST 13228	840003129050270						
SWISSLANE ALTAENTRUST 13243	840003129050285						3
SWISSLANE ALTAENTRUST 13465	840003131014383						
SWISSLANE ALTAENTRUST 13496	840003131014414						
SWISSLANE AMORY 12369	840003124889848		C				
SWISSLANE ASTRID 11922	840003123824871						
SWISSLANE ASTRID 11935	840003123824884						
SWISSLANE ATWOOD 12049	840003123824998	C					
SWISSLANE AUTOPILOT 11888	840003123824837						
SWISSLANE AUTOPILOT 11896	840003123824845	C					
SWISSLANE BACARDI 12008	840003123824957						
SWISSLANE BACARDI 12079	840003123825028						
SWISSLANE BASTIAN 12110	840003123825059					C	
SWISSLANE BATES 13410	840003131014328		C				
SWISSLANE BAYONET 13324	840003129050366						
SWISSLANE BEACHHEAD 13095	840003129050137						
SWISSLANE BELTER 11883	840003123824832						
SWISSLANE BIGSHOT 11875	840003123824824			C			3
SWISSLANE BILLINGS 12220	840003124889699						
SWISSLANE BILLINGS 12233	840003124889712						
SWISSLANE BILLINGS 12328	840003124889807	C					
SWISSLANE BILLINGS 12418	840003124889897						
SWISSLANE BILLINGS 12420-TW	840003124889899						
SWISSLANE BILLINGS 12421-TW	840003124889900						
SWISSLANE BILLINGS 12457	840003126244140						
SWISSLANE BILLINGS 12462	840003126244145						
SWISSLANE BILLINGS 12483	840003126244166			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE BILLINGS 12486	840003126244169						
SWISSLANE BOOKEM 12195	840003124889674						
SWISSLANE BOOKEM 12245	840003124889724	C					
SWISSLANE BOOKEM 12288	840003124889767			C			
SWISSLANE BOOKEM 12309	840003124889788						1
SWISSLANE BOOKEM 12372	840003124889851						
SWISSLANE BOOKEM 12519	840003126244202						
SWISSLANE BOOKEM 12763	840003127566129						
SWISSLANE BOOKEM 12888	840003127566254						
SWISSLANE BOOKEM 12973	840003127566339						
SWISSLANE BOOKEM 12981	840003127566347						
SWISSLANE BOOKEM 13000	840003127566366						
SWISSLANE BOOKEM 13066	840003129050108						
SWISSLANE BOOKEM 13109	840003129050151						
SWISSLANE BOOKEM 13135	840003129050177						
SWISSLANE BOOKEM 13357	840003131014275						
SWISSLANE BOOKEM 13360	840003131014278						
SWISSLANE BOOKEM 13404	840003131014322						3
SWISSLANE BOOM 12005	840003123824954						
SWISSLANE BRYANT 12833	840003127566199						
SWISSLANE CAIN 13234	840003129050276						
SWISSLANE CAIN 13436	840003131014354						
SWISSLANE CALENDARO 12834	840003127566200						3
SWISSLANE CEMENT 11979	840003123824928	C					
SWISSLANE CHARLESTON 12086	840003123825035						
SWISSLANE CIMARRON 12057	840003123825006						
SWISSLANE CIVIL 13239	840003129050281						3
SWISSLANE COLBY 11873	840003123824822		C				
SWISSLANE COWBOY 12893	840003127566259			C			
SWISSLANE CROSSOVER 12396	840003124889875						
SWISSLANE CROWN 11848	840003123824797		C				
SWISSLANE CROWN 11924	840003123824873			C			
SWISSLANE CROWN 12102	840003123825051						
SWISSLANE CROWN 12118	840003123825067						2
SWISSLANE CROWN 12123	840003123825072			C			
SWISSLANE CROWN P 12553	840003126244236						
SWISSLANE DAMARIS 13099	840003129050141						
SWISSLANE DANGER 12297	840003124889776						
SWISSLANE DANGER 12435	840003124889914						
SWISSLANE DANGER 13164-TW	840003129050206						
SWISSLANE DANGER 14002	840003134253012						
SWISSLANE DAPPER 12895	840003127566261						
SWISSLANE DAPPER 12932	840003127566298						
SWISSLANE DAPPER 12936	840003127566302						
SWISSLANE DARE 12827	840003127566193						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE DARE 12852	840003127566218						
SWISSLANE DARE 12862	840003127566228			C			
SWISSLANE DARE 12871	840003127566237			C			
SWISSLANE DASHAWN 12097	840003123825046						
SWISSLANE DASHAWN 12127	840003123825076						3
SWISSLANE DASHAWN 12197	840003124889676		C				3
SWISSLANE DASHAWN 12250	840003124889729		C				3
SWISSLANE DASHAWN 12266	840003124889745						
SWISSLANE DASHAWN 12310	840003124889789						3
SWISSLANE DASHAWN 12344	840003124889823						
SWISSLANE DASHAWN 12347	840003124889826			C			3
SWISSLANE DASHAWN 12367	840003124889846		C				
SWISSLANE DASHAWN 12662	840003126244345						
SWISSLANE DASHAWN 12836	840003127566202		C				3
SWISSLANE DASHAWN 12984	840003127566350						3
SWISSLANE DASHAWN 13028	840003127566394						3
SWISSLANE DASHAWN 13068	840003129050110						3
SWISSLANE DASHAWN 13071	840003129050113						3
SWISSLANE DASHAWN 13072	840003129050114		C				
SWISSLANE DASHAWN 13076	840003129050118						3
SWISSLANE DASHAWN 13078	840003129050120						
SWISSLANE DASHAWN 13089	840003129050131		C				
SWISSLANE DASHAWN 13104	840003129050146			C			3
SWISSLANE DASHAWN 13122	840003129050164	C					3
SWISSLANE DASHAWN 13160	840003129050202						
SWISSLANE DASHAWN 13183	840003129050225						
SWISSLANE DASHAWN 13186	840003129050228						3
SWISSLANE DASHAWN 13200	840003129050242						
SWISSLANE DASHAWN 13206	840003129050248						
SWISSLANE DASHAWN 13220	840003129050262		C				3
SWISSLANE DASHAWN 13229	840003129050271						3
SWISSLANE DASHAWN 13233	840003129050275					C	
SWISSLANE DASHAWN 13240	840003129050282		C				
SWISSLANE DASHAWN 13320	840003129050362						
SWISSLANE DASHAWN 13667	840003132613439		C				
SWISSLANE DATABANK 11908	840003123824857						
SWISSLANE DEGO 12143	840003124889622					C	
SWISSLANE DENIM 13020	840003127566386						
SWISSLANE DIENER 11849	840003123824798						
SWISSLANE DIENER 13242	840003129050284						
SWISSLANE DISTILLER 13339	840003129050381						
SWISSLANE DOBERMAN 12874	840003127566240						
SWISSLANE DORCY 13476	840003131014394						
SWISSLANE DREAMWEAVER 13390	840003131014308						
SWISSLANE DREAMWEAVER 13493	840003131014411						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE DUDE 12723	840003126244406						
SWISSLANE DURABLE 11844	840003123824793						3
SWISSLANE DURABLE 11861	840003123824810		C				3
SWISSLANE DURABLE 11911	840003123824860			C			3
SWISSLANE DURABLE 11938	840003123824887						3
SWISSLANE DURABLE 12101	840003123825050		C				3
SWISSLANE DURABLE 12112	840003123825061		C				3
SWISSLANE DURABLE 12905	840003127566271						3
SWISSLANE DURABLE 12955	840003127566321		C				3
SWISSLANE DUSTON 13414	840003131014332						
SWISSLANE DUSTON 13439	840003131014357						
SWISSLANE DUSTON 13450	840003131014368						
SWISSLANE DUVAL 12718	840003126244401						
SWISSLANE DUVAL 12757	840003127566123			C			
SWISSLANE DWAYNE 12732	840003126244415					C	
SWISSLANE DWAYNE 12771	840003127566137						
SWISSLANE DWAYNE 12899	840003127566265						
SWISSLANE DWAYNE 12922	840003127566288					C	
SWISSLANE DWAYNE 12945	840003127566311						3
SWISSLANE DWAYNE 12985	840003127566351						
SWISSLANE DWAYNE 12994	840003127566360		C				
SWISSLANE DWAYNE 13083	840003129050125						
SWISSLANE DWAYNE 13087	840003129050129						
SWISSLANE DWAYNE 13136	840003129050178						
SWISSLANE DWIGHT 12024	840003123824973						
SWISSLANE ELLSBURY 12061-TW	840003123825010						
SWISSLANE ELLSBURY 12062-TW	840003123825011						
SWISSLANE ENID 12269	840003124889748			C			
SWISSLANE ENID 12696	840003126244379	C					
SWISSLANE ENID 12704	840003126244387	C					
SWISSLANE ENID 12746	840003127566112						
SWISSLANE ENID 12814	840003127566180			C			
SWISSLANE ENID 12881	840003127566247			C			
SWISSLANE ENID 12917	840003127566283	C					
SWISSLANE ENID 12975	840003127566341						
SWISSLANE ENID 13003	840003127566369	C					
SWISSLANE ENID 13033	840003127566399	C					
SWISSLANE ENID 13079	840003129050121			C			
SWISSLANE ENID 13144	840003129050186	C					
SWISSLANE ENID 13172	840003129050214						
SWISSLANE ENID 13314	840003129050356	C		C			
SWISSLANE ENID 13335	840003129050377	C					
SWISSLANE ENID 13666	840003132613438	C		C			
SWISSLANE ENID 13676	840003132613448	C					
SWISSLANE EPIC 13759	840003132613531						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE EPIC 13778	840003132613550						
SWISSLANE EXCEL 13312	840003129050354						
SWISSLANE EXCEL 13413	840003131014331						
SWISSLANE EXCEL 13542	840003131014460						
SWISSLANE EZEKIEL 12508	840003126244191	C					
SWISSLANE EZEKIEL 12510	840003126244193						
SWISSLANE EZEKIEL 12971-TW	840003127566337	C					
SWISSLANE EZEKIEL 12972-TW	840003127566338	C					
SWISSLANE EZEKIEL 12987	840003127566353						
SWISSLANE FACEBOOK 13422	840003131014340						
SWISSLANE FACEBOOK 13925	840003132613697						
SWISSLANE FAROH 13679	840003132613451						
SWISSLANE FATHON 13525	840003131014443						
SWISSLANE FEARLESS 12837	840003127566203						
SWISSLANE FIRESTORM 12967	840003127566333						
SWISSLANE FLARE 13435	840003131014353						
SWISSLANE FLAVIUS 13851	840003132613623						
SWISSLANE FLAX 11918	840003123824867					C	
SWISSLANE FLAX 11944	840003123824893					C	
SWISSLANE FLAX 11954	840003123824903						1
SWISSLANE FORK 12408	840003124889887						
SWISSLANE FRAZIER 12010	840003123824959						
SWISSLANE FREEDOM 12716	840003126244399						
SWISSLANE FUJI 13008	840003127566374						
SWISSLANE FUTURE 13419	840003131014337						
SWISSLANE FUTURE 13732	840003132613504						
SWISSLANE GABOR 12194	840003124889673						
SWISSLANE GABOR 12237	840003124889716						
SWISSLANE GABOR 12287	840003124889766						
SWISSLANE GABOR 12320	840003124889799						
SWISSLANE GABOR 12345	840003124889824		C				
SWISSLANE GABOR 12444	840003126244127						
SWISSLANE GABOR 12742	840003127566108						
SWISSLANE GABOR 12951	840003127566317						
SWISSLANE GABOR 12982	840003127566348						
SWISSLANE GABOR 12989	840003127566355						
SWISSLANE GABOR 13034	840003127566400						
SWISSLANE GABOR 13036	840003127566402						
SWISSLANE GABOR 13070	840003129050112						
SWISSLANE GABOR 13205	840003129050247						
SWISSLANE GALLON 13429	840003131014347						
SWISSLANE GALLON 13485	840003131014403						
SWISSLANE GALLON 13772	840003132613544					C	
SWISSLANE GALLON 13805	840003132613577						
SWISSLANE GALLON 13833	840003132613605						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE GARMAN 11856	840003123824805						
SWISSLANE GARMAN 11878	840003123824827						
SWISSLANE GARMAN 11902	840003123824851		C				
SWISSLANE GARMAN 11927	840003123824876						
SWISSLANE GARMAN 11958	840003123824907						
SWISSLANE GARMAN 11964	840003123824913						
SWISSLANE GARMAN 12141	840003124889620						
SWISSLANE GEM 13889	840003132613661						
SWISSLANE GILLESPY 12736	840003126244419						
SWISSLANE GILLESPY 13042	840003129050084						
SWISSLANE GILLESPY 13044	840003129050086						
SWISSLANE GILLESPY 13054	840003129050096						
SWISSLANE GONZO 13947	840003134252957						
SWISSLANE GRAFEETI 13395	840003131014313						
SWISSLANE GRAFEETI 13511	840003131014429						
SWISSLANE GRAFEETI 13532	840003131014450						1
SWISSLANE GRAFEETI 13643	840003132613415						3
SWISSLANE GRAFEETI 13769	840003132613541						
SWISSLANE GRAFEETI 13832	840003132613604						3
SWISSLANE GRAFEETI 13939	840003132613711						3
SWISSLANE GRAFEETI 13944	840003134252954						
SWISSLANE GRAFEETI 13954	840003134252964					C	3
SWISSLANE GRAFEETI 13957	840003134252967						1
SWISSLANE GULF 11867	840003123824816						
SWISSLANE GULF 12032	840003123824981						
SWISSLANE GULF 12080	840003123825029						
SWISSLANE GULF 12531	840003126244214						
SWISSLANE GULF 12550	840003126244233						
SWISSLANE GULF 12684-TW	840003126244367						
SWISSLANE GULF 12685-TW	840003126244368						
SWISSLANE GULF 12894	840003127566260		C				
SWISSLANE GULF 12904	840003127566270						
SWISSLANE GULF 12918	840003127566284						
SWISSLANE GULF 12933	840003127566299						
SWISSLANE GULF 13397	840003131014315						
SWISSLANE GULF 13483	840003131014401		C				
SWISSLANE GULF 13599	840003131014517						
SWISSLANE GULF 13618	840003131014536						
SWISSLANE GULF 13691	840003132613463						
SWISSLANE GULF 13694	840003132613466						
SWISSLANE GULF 13714	840003132613486						
SWISSLANE GULF 13826-TW	840003132613598						
SWISSLANE GULF 13827-TW	840003132613599						
SWISSLANE GULF 13975	840003134252985						
SWISSLANE GUTHRIE 11940	840003123824889			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE GUTHRIE 11967	840003123824916						
SWISSLANE GUTHRIE 12015	840003123824964						
SWISSLANE GUTHRIE 12081	840003123825030						
SWISSLANE GUTHRIE 12091	840003123825040		C				
SWISSLANE GUTHRIE 12205	840003124889684	C					
SWISSLANE GUTHRIE 12217	840003124889696						
SWISSLANE HALOGEN 13344	840003131014262						
SWISSLANE HALOGEN 13358	840003131014276						
SWISSLANE HALOGEN 13557	840003131014475						
SWISSLANE HALOGEN 13650	840003132613422						
SWISSLANE HALOGEN 13917	840003132613689						
SWISSLANE HALOGEN 13920	840003132613692						
SWISSLANE HAYDEN 13462	840003131014380			C			
SWISSLANE HEADLINER 12403	840003124889882		C				
SWISSLANE HEADLINER 12479	840003126244162		C				
SWISSLANE HEADLINER 12489	840003126244172						
SWISSLANE HEADLINER 12498	840003126244181						3
SWISSLANE HEADLINER 12500	840003126244183						
SWISSLANE HEADLINER 12514	840003126244197						
SWISSLANE HEADLINER 12542	840003126244225						
SWISSLANE HISTORY 13573	840003131014491				C		
SWISSLANE HISTORY 13657	840003132613429				C		
SWISSLANE HOORAY 13408	840003131014326						
SWISSLANE HOORAY 13430	840003131014348						
SWISSLANE HOORAY 13498	840003131014416						
SWISSLANE HOORAY 13545	840003131014463		C				
SWISSLANE HOORAY 13577	840003131014495						
SWISSLANE HOORAY 13596	840003131014514						
SWISSLANE HOORAY 13637	840003131014555						
SWISSLANE HOORAY 13639	840003131014557						
SWISSLANE HUNGER 12046	840003123824995						3
SWISSLANE INGENIOS 11894-TW	840003123824843						
SWISSLANE INGENIOS 11895-TW	840003123824844						
SWISSLANE INGENIOUS 11865	840003123824814						
SWISSLANE INGENIOUS 11972	840003123824921						
SWISSLANE INGENIOUS 11982	840003123824931						
SWISSLANE INGENIOUS 12095	840003123825044						
SWISSLANE INGENOUS 12073-TW	840003123825022						
SWISSLANE IRONBACK 13416	840003131014334						
SWISSLANE IRONBACK 13427	840003131014345						
SWISSLANE JABIR 12147	840003124889626						1
SWISSLANE JABIR 12260	840003124889739			C			
SWISSLANE JABIR 12313	840003124889792						
SWISSLANE JABIR 13130	840003129050172						
SWISSLANE JERMIAH 12908	840003127566274						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE JERMIAH 13013	840003127566379						
SWISSLANE JERMIAH 13051	840003129050093						
SWISSLANE JETSET 12171	840003124889650						
SWISSLANE KAMIK 12131	840003123825080						
SWISSLANE KASPER 13047	840003129050089						
SWISSLANE KASSIM 12791	840003127566157						
SWISSLANE KIAN 12807	840003127566173						
SWISSLANE KIAN 12812	840003127566178						
SWISSLANE KINGBOY 13757	840003132613529						
SWISSLANE KINGBOY 13767	840003132613539						
SWISSLANE KLEMENT 13189	840003129050231						
SWISSLANE KORDELL 12302-TW	840003124889781						
SWISSLANE KORDELL 12335	840003124889814						
SWISSLANE KOZAK 11897	840003123824846						
SWISSLANE LA-BRON 12511	840003126244194						
SWISSLANE LA-BRON 12530	840003126244213						
SWISSLANE LASERTAG 13117	840003129050159						
SWISSLANE LASERTAG 13132	840003129050174						
SWISSLANE LAVAMAN 11854	840003123824803						
SWISSLANE LAVAMAN 12084	840003123825033						
SWISSLANE LAVAMAN 12104	840003123825053						
SWISSLANE LES 13760	840003132613532						
SWISSLANE LEVI 12262	840003124889741			C			
SWISSLANE LEVI 12350	840003124889829			C			
SWISSLANE LEVI 12387	840003124889866						
SWISSLANE LEVI 12393	840003124889872						
SWISSLANE LEVI 12474	840003126244157						
SWISSLANE LEVI 12920	840003127566286						
SWISSLANE LEVI 13731	840003132613503						
SWISSLANE LEVI 13756	840003132613528						
SWISSLANE LIMITLESS 12212	840003124889691						
SWISSLANE LIMITLESS 12246	840003124889725						
SWISSLANE LITTLEROCK 13992	840003134253002						
SWISSLANE LITTLETON 13575	840003131014493						
SWISSLANE LOAR 12357	840003124889836						
SWISSLANE LUCIANO 12256	840003124889735						
SWISSLANE LUCIANO 12315	840003124889794						
SWISSLANE LUCIANO 12380	840003124889859						
SWISSLANE LUCIANO 12430	840003124889909						
SWISSLANE LYNEX 13552	840003131014470						3
SWISSLANE LYNEX 13556	840003131014474						3
SWISSLANE MACGUINESS 12371	840003124889850						
SWISSLANE MACGUINESS 12469	840003126244152						
SWISSLANE MAGNUS 13709	840003132613481						
SWISSLANE MAGNUS 13753	840003132613525						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE MAGNUS 13932	840003132613704						
SWISSLANE MAGNUS 13959	840003134252969						
SWISSLANE MAGNUS 13990	840003134253000						
SWISSLANE MAGNUS 13996	840003134253006						
SWISSLANE MAHAN 13321	840003129050363						
SWISSLANE MAHAN 13342	840003131014260						
SWISSLANE MAJOR 11965	840003123824914						
SWISSLANE MAKYA 13572	840003131014490						3
SWISSLANE MANIFOLD 13619	840003131014537			C			
SWISSLANE MANSUR 11842	840003123824791						
SWISSLANE MAPLELEAF 13179	840003129050221						
SWISSLANE MAPLELEAF 13185	840003129050227						
SWISSLANE MARQUE 11904	840003123824853		C				3
SWISSLANE MARQUE 11909	840003123824858						
SWISSLANE MARQUE 12227	840003124889706		C				3
SWISSLANE MARQUE 12518	840003126244201						3
SWISSLANE MARQUE 12557	840003126244240		C				
SWISSLANE MARSO 13323	840003129050365						
SWISSLANE MASKILL 12189	840003124889668			C			
SWISSLANE MASKILL 12285-TW	840003124889764						
SWISSLANE MASKILL 12286-TW	840003124889765						
SWISSLANE MASKILL 12375	840003124889854			C			
SWISSLANE MASKILL 12384	840003124889863			C			
SWISSLANE MASKILL 12468	840003126244151			C			
SWISSLANE MASKILL 12477	840003126244160						
SWISSLANE MASKILL 12497	840003126244180						
SWISSLANE MASKILL 13225	840003129050267						
SWISSLANE MASTER 12855	840003127566221						
SWISSLANE MASTER 12873	840003127566239						
SWISSLANE MATSON 13124	840003129050166						
SWISSLANE MAXUM 12035	840003123824984						
SWISSLANE MAXUM 12041	840003123824990						3
SWISSLANE MAXUM 12210	840003124889689						
SWISSLANE MAYBINN 11975	840003123824924						
SWISSLANE MCCUTCHEN 12551	840003126244234						
SWISSLANE MCCUTCHEN 12596	840003126244279						
SWISSLANE MCCUTCHEN 12598	840003126244281						
SWISSLANE MCCUTCHEN 12653	840003126244336						
SWISSLANE MCCUTCHEN 12670	840003126244353						
SWISSLANE MCCUTCHEN 12877	840003127566243						
SWISSLANE MCFLY 12093	840003123825042						
SWISSLANE MCNUGETS 12411-TW	840003124889890						
SWISSLANE MCNUGETS 12412-TW	840003124889891						
SWISSLANE MCNUGGETS 12054	840003123825003						
SWISSLANE MCNUGGETS 12070	840003123825019						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE MCNUGGETS 12139	840003123825088						3
SWISSLANE MCNUGGETS 12186	840003124889665						
SWISSLANE MCNUGGETS 12226	840003124889705		C				
SWISSLANE MCNUGGETS 12261	840003124889740						
SWISSLANE MCNUGGETS 12399	840003124889878						
SWISSLANE MCNUGGETS 12448	840003126244131						3
SWISSLANE MCNUGGETS 12496	840003126244179						
SWISSLANE MCNUGGETS 12507	840003126244190						3
SWISSLANE MCNUGGETS 12520	840003126244203						
SWISSLANE MCNUGGETS 12533	840003126244216						
SWISSLANE MCNUGGETS 12773	840003127566139						
SWISSLANE MCNUGGETS 12781	840003127566147					C	3
SWISSLANE MCNUGGETS 12865	840003127566231						
SWISSLANE MCNUGGETS 12949	840003127566315						3
SWISSLANE MCNUGGETS 12986	840003127566352						
SWISSLANE MCNUGGETS 13045	840003129050087			C			
SWISSLANE MCNUGGETS 13053	840003129050095						
SWISSLANE MCNUGGETS 13086	840003129050128						3
SWISSLANE MCNUGGETS 13094	840003129050136						3
SWISSLANE MCNUGGETS 13155	840003129050197						
SWISSLANE MCNUGGETS 13235	840003129050277						
SWISSLANE MCNUGGETS 13245	840003129050287						
SWISSLANE MCNUGGETS 13317	840003129050359			C			
SWISSLANE MCNUGGETS 13348	840003131014266						3
SWISSLANE MCNUGGETS 13469	840003131014387						
SWISSLANE MCNUGGETS 13491	840003131014409						
SWISSLANE MCNUGGETS 13560	840003131014478						
SWISSLANE MCNUGGETS 13658	840003132613430						
SWISSLANE MCNUGGETS 13695	840003132613467						
SWISSLANE MCNUGGETS 13715	840003132613487						
SWISSLANE MCNUGGETS 13716	840003132613488						3
SWISSLANE MCNUGGETS 13721	840003132613493						
SWISSLANE MCNUGGETS 13726	840003132613498						3
SWISSLANE MECCA 11923	840003123824872						
SWISSLANE MECCA 11936	840003123824885						
SWISSLANE MERCI 13463	840003131014381						
SWISSLANE MERTON 13626	840003131014544						
SWISSLANE MICHELOB 13458	840003131014376						
SWISSLANE MICHELOB 13480	840003131014398						
SWISSLANE MILLION 12667	840003126244350						
SWISSLANE MIZZOU 11862	840003123824811						
SWISSLANE MIZZOU 11913	840003123824862						3
SWISSLANE MIZZOU 12090	840003123825039						3
SWISSLANE MIZZOU 12239	840003124889718						3
SWISSLANE MIZZOU 12247	840003124889726						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE MIZZOU 12342	840003124889821						
SWISSLANE MIZZOU 12358	840003124889837	C					3
SWISSLANE MIZZOU 12465	840003126244148						3
SWISSLANE MIZZOU 12673	840003126244356						3
SWISSLANE MIZZOU 12725	840003126244408			C			
SWISSLANE MIZZOU 12728	840003126244411						3
SWISSLANE MIZZOU 12804	840003127566170						
SWISSLANE MIZZOU 12861	840003127566227						
SWISSLANE MIZZOU 13064	840003129050106						3
SWISSLANE MIZZOU 13258	840003129050300						3
SWISSLANE MIZZOU 13421	840003131014339						3
SWISSLANE MOBY 13100	840003129050142						
SWISSLANE MOBY 13198	840003129050240						
SWISSLANE MOGUL 12027	840003123824976						
SWISSLANE MOGUL 12028	840003123824977						
SWISSLANE MOGUL 12051	840003123825000						
SWISSLANE MOGUL 12056	840003123825005						1
SWISSLANE MOGUL 12138	840003123825087						
SWISSLANE MOGUL 12146	840003124889625						
SWISSLANE MOGUL 12164	840003124889643						
SWISSLANE MOGUL 12181	840003124889660						
SWISSLANE MOGUL 12253	840003124889732			C			
SWISSLANE MOGUL 12298	840003124889777						
SWISSLANE MOGUL 12324	840003124889803						
SWISSLANE MOGUL 12370	840003124889849						
SWISSLANE MOGUL 12402	840003124889881						3
SWISSLANE MOGUL 12419	840003124889898						
SWISSLANE MOGUL 12423	840003124889902						
SWISSLANE MOGUL 12425	840003124889904						
SWISSLANE MOGUL 12432	840003124889911						
SWISSLANE MOGUL 12434	840003124889913						
SWISSLANE MOGUL 12451	840003126244134						
SWISSLANE MOGUL 12455	840003126244138						3
SWISSLANE MOGUL 12458	840003126244141						
SWISSLANE MOGUL 12467	840003126244150						
SWISSLANE MOGUL 12480	840003126244163						
SWISSLANE MOGUL 12482	840003126244165						
SWISSLANE MOGUL 13378	840003131014296						
SWISSLANE MOGUL 13428	840003131014346						
SWISSLANE MOGUL 13495	840003131014413			C			
SWISSLANE MOGUL 13563	840003131014481						
SWISSLANE MOGUL 13580	840003131014498						
SWISSLANE MOGUL 13597	840003131014515						
SWISSLANE MOGUL 13609	840003131014527						
SWISSLANE MOGUL 13622	840003131014540						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE MOGUL 13675	840003132613447						
SWISSLANE MOGUL 13685	840003132613457						
SWISSLANE MOGUL 13719	840003132613491						
SWISSLANE MOGUL 13723	840003132613495						
SWISSLANE MOGUL 13737	840003132613509						
SWISSLANE MOGUL 13740	840003132613512						
SWISSLANE MOGUL 13747	840003132613519						
SWISSLANE MOGUL 13748	840003132613520	C					
SWISSLANE MOGUL 13758	840003132613530						
SWISSLANE MOGUL 13784	840003132613556			C		C	
SWISSLANE MOGUL 13801	840003132613573						
SWISSLANE MOGUL 13810	840003132613582						
SWISSLANE MOGUL 13814-TW	840003132613586						
SWISSLANE MOGUL 13815-TW	840003132613587						
SWISSLANE MOGUL 13820	840003132613592						
SWISSLANE MOGUL 13873	840003132613645						
SWISSLANE MOGUL 13901	840003132613673						
SWISSLANE MOGUL 13907	840003132613679						
SWISSLANE MOGUL 13909	840003132613681						
SWISSLANE MOGUL 13926	840003132613698						
SWISSLANE MOGUL 13972	840003134252982						
SWISSLANE MOGUL 13973	840003134252983						
SWISSLANE MONTAWK 11852	840003123824801			C			
SWISSLANE MONTEREY 13443	840003131014361						
SWISSLANE MONTEREY 13452	840003131014370						
SWISSLANE MONTEREY 13459	840003131014377						
SWISSLANE MONTNEY 12235	840003124889714			C			
SWISSLANE MONTNEY 12414	840003124889893						
SWISSLANE MONTROSS 12946	840003127566312						
SWISSLANE MONTROSS 12958	840003127566324						
SWISSLANE MONTROSS 12991	840003127566357						
SWISSLANE MONTROSS 13002	840003127566368						
SWISSLANE MONTROSS 13088	840003129050130						
SWISSLANE MONTROSS 13382	840003131014300						
SWISSLANE MONTROSS 13492	840003131014410						
SWISSLANE MONTROSS 13561	840003131014479						
SWISSLANE MONTROSS 13611	840003131014529						
SWISSLANE MONTROSS 13706	840003132613478						
SWISSLANE MONTROSS 13730	840003132613502						
SWISSLANE MONTROSS 13745	840003132613517						
SWISSLANE MONTROSS 13746	840003132613518						
SWISSLANE MONTROSS 13762	840003132613534						
SWISSLANE MONTROSS 13781	840003132613553						
SWISSLANE MONTROSS 13800	840003132613572						
SWISSLANE MONTROSS 13918	840003132613690						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE MR MUDD 13481	840003131014399						
SWISSLANE MR MUDD 13505	840003131014423						
SWISSLANE MR MUDD 13514	840003131014432						
SWISSLANE MR MUDD 13540	840003131014458						
SWISSLANE MR MUDD 13567	840003131014485			C			
SWISSLANE MR MUDD 13576	840003131014494			C			
SWISSLANE MR MUDD 13578	840003131014496	C					
SWISSLANE MR MUDD 13602	840003131014520						
SWISSLANE MR MUDD 13617	840003131014535			C			
SWISSLANE MR MUDD 13629	840003131014547						
SWISSLANE MR MUDD 13640	840003131014558		C				
SWISSLANE MR MUDD 13653	840003132613425			C			
SWISSLANE MR MUDD 13659	840003132613431						
SWISSLANE MR MUDD 13680	840003132613452			C			
SWISSLANE MR MUDD 13681	840003132613453			C			
SWISSLANE MR RIGHT 13549	840003131014467						
SWISSLANE MUCHO 11939	840003123824888			C			
SWISSLANE MUCHO 11956	840003123824905						
SWISSLANE MUNGO 13433	840003131014351						
SWISSLANE MUNGO 13461	840003131014379						
SWISSLANE MUNGO 13513	840003131014431						
SWISSLANE MUNGO 13613	840003131014531						
SWISSLANE NATE 13371	840003131014289						
SWISSLANE NEVILLE 13147	840003129050189			C			
SWISSLANE NOVA 12724	840003126244407						
SWISSLANE O-YEAH 11851	840003123824800						
SWISSLANE OBSERVER 11963	840003123824912						
SWISSLANE OBSERVER 11970	840003123824919						
SWISSLANE OBSERVER 11983	840003123824932						
SWISSLANE OBSERVER 11994	840003123824943						
SWISSLANE OBSERVER 12012	840003123824961						
SWISSLANE OBSERVER 12022	840003123824971						
SWISSLANE OBSERVER 12044	840003123824993						
SWISSLANE OBSERVER 12168	840003124889647						
SWISSLANE OBSERVER 12216	840003124889695			C			
SWISSLANE OBSERVER 12229	840003124889708						
SWISSLANE OBSERVER 12236	840003124889715						
SWISSLANE OBSERVER 12356	840003124889835						
SWISSLANE OBSERVER 12404	840003124889883		C				
SWISSLANE OBSERVER 12765	840003127566131						3
SWISSLANE OBSERVER 12796	840003127566162						
SWISSLANE OBSERVER 12835	840003127566201					C	
SWISSLANE OBSERVER 13016	840003127566382						
SWISSLANE OBSERVER 13049	840003129050091						
SWISSLANE OBSERVER 13058	840003129050100						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE OBSERVER 13146	840003129050188						
SWISSLANE OBSERVER 13688	840003132613460						
SWISSLANE OBSERVER 13791-TW	840003132613563						
SWISSLANE OBSERVER 13792-TW	840003132613564						
SWISSLANE OGIMA 13237	840003129050279		C				3
SWISSLANE OLEGANT 11901	840003123824850						3
SWISSLANE OLEGANT 11912	840003123824861						
SWISSLANE OLEGANT 11932	840003123824881			C			
SWISSLANE OLEGANT 12045	840003123824994						
SWISSLANE OLEGANT 12100	840003123825049						
SWISSLANE OLEGANT 12135	840003123825084						
SWISSLANE OLEGANT 12136	840003123825085						
SWISSLANE OLEGANT 12192	840003124889671		C	C			
SWISSLANE OLEGANT 12200	840003124889679						
SWISSLANE OLEGANT 12213	840003124889692						
SWISSLANE OLEGANT 12259	840003124889738						
SWISSLANE OLEGANT 12272	840003124889751						
SWISSLANE OLEGANT 12279	840003124889758						
SWISSLANE OLEGANT 12453	840003126244136						
SWISSLANE OLEGANT 12463	840003126244146						3
SWISSLANE OLEGANT 12534	840003126244217						
SWISSLANE OLEGANT 12677	840003126244360						
SWISSLANE PAUL 12869	840003127566235						
SWISSLANE PAUL 12916	840003127566282						
SWISSLANE PAUL 12995	840003127566361						
SWISSLANE PAUL 13057	840003129050099						
SWISSLANE PAUL 13823	840003132613595						
SWISSLANE PENNYMAKER 12223	840003124889702						
SWISSLANE PENNYMAKER 12292	840003124889771	C					
SWISSLANE PENNYMAKER 12427	840003124889906						
SWISSLANE PENNYMAKER 12883	840003127566249						
SWISSLANE PENNYMAKER 13345	840003131014263						
SWISSLANE PENNYMAKER 13363	840003131014281						
SWISSLANE PENNYMAKER 13488	840003131014406						
SWISSLANE PENNYMAKER 13588	840003131014506						
SWISSLANE PENNYMAKER 13775	840003132613547						
SWISSLANE PENROD 13646	840003132613418						
SWISSLANE PETRONE 13937	840003132613709						
SWISSLANE PETRONE 13946	840003134252956						
SWISSLANE PETY 12532	840003126244215						
SWISSLANE PETYSON 12907	840003127566273						
SWISSLANE PITA 13460	840003131014378						
SWISSLANE PLAYBOY 11859	840003123824808						
SWISSLANE PLAYBOY 11866	840003123824815						
SWISSLANE PLAYBOY 11881	840003123824830						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE PLUTO 12970	840003127566336						
SWISSLANE POMPOSO 13958	840003134252968						
SWISSLANE POTUS 13444	840003131014362					C	
SWISSLANE RAGER 13211	840003129050253						
SWISSLANE RAGER 13217	840003129050259						
SWISSLANE RAMBLER 11886	840003123824835						
SWISSLANE RAMBLER 11893	840003123824842					C	
SWISSLANE REFLECTOR 13372	840003131014290						
SWISSLANE REFLECTOR 13453	840003131014371						
SWISSLANE REFLECTOR 13478	840003131014396						
SWISSLANE REFLECTOR 13482	840003131014400					C	
SWISSLANE REFLECTOR 13500	840003131014418						
SWISSLANE REFLECTOR 13510	840003131014428			C			
SWISSLANE REFLECTOR 13601	840003131014519						
SWISSLANE REUBEN 12726	840003126244409						
SWISSLANE REUBEN 12729	840003126244412			C			
SWISSLANE RICHMAN 12071	840003123825020						
SWISSLANE ROLEX 13376	840003131014294						
SWISSLANE SABARA 11900	840003123824849						
SWISSLANE SABURO 13145	840003129050187						
SWISSLANE SANBORN 13208	840003129050250						
SWISSLANE SANBORN 13215	840003129050257						
SWISSLANE SATTLER 12160	840003124889639						
SWISSLANE SATTLER 12161	840003124889640						
SWISSLANE SATURN 13615	840003131014533						
SWISSLANE SATURN 13668	840003132613440						
SWISSLANE SHAMROCK 12668	840003126244351						3
SWISSLANE SHAMROCK 12674	840003126244357						
SWISSLANE SHAMROCK 12707	840003126244390						
SWISSLANE SHAMROCK 12727	840003126244410						3
SWISSLANE SHAMROCK 12779	840003127566145						1
SWISSLANE SHAMROCK 12800	840003127566166			C			
SWISSLANE SHAMROCK 12820	840003127566186						
SWISSLANE SHAMROCK 12934	840003127566300						
SWISSLANE SHAMROCK 12969	840003127566335						
SWISSLANE SHAMROCK 13009	840003127566375						
SWISSLANE SHAMROCK 13081	840003129050123						
SWISSLANE SHAMROCK 13355	840003131014273		C				
SWISSLANE SHAMROCK 13888	840003132613660			C			
SWISSLANE SHAMROCK 13913	840003132613685						
SWISSLANE SHAMROCK 13978	840003134252988						
SWISSLANE SHANAHAN 12747	840003127566113						
SWISSLANE SHAQ 13249	840003129050291	C					
SWISSLANE SHAQ 13562	840003131014480						3
SWISSLANE SHAQ 13565	840003131014483						

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SWISSLANE SHAQ 13642	840003132613414						
SWISSLANE SHELLAC 12422	840003124889901						
SWISSLANE SHELTON 13981	840003134252991						
SWISSLANE SHERAC 13612	840003131014530						
SWISSLANE SHERAC 13984	840003134252994						
SWISSLANE SHOT 12671	840003126244354					C	
SWISSLANE SHOT 12692	840003126244375						
SWISSLANE SHOT 12741	840003127566107					C	
SWISSLANE SHOT 12913	840003127566279					C	
SWISSLANE SHOT 12919	840003127566285						
SWISSLANE SHOT 12923	840003127566289					C	
SWISSLANE SHOT 13026	840003127566392					C	
SWISSLANE SHOT 13040	840003127566406					C	
SWISSLANE SHOT 13137	840003129050179					C	
SWISSLANE SHOT 13310	840003129050352					C	
SWISSLANE SILVERBULL 13438	840003131014356						
SWISSLANE SPANGLER 12799	840003127566165						
SWISSLANE SPUR 12681	840003126244364			C			
SWISSLANE SPUR 12996	840003127566362						
SWISSLANE SPUR 13191	840003129050233			C			
SWISSLANE SPUR 13351-TW	840003131014269		C				
SWISSLANE SPUR 13352-TW	840003131014270			C			
SWISSLANE SPUR 13660	840003132613432			C			
SWISSLANE SPUR 13699	840003132613471						
SWISSLANE ST-LOUIS 12274	840003124889753						
SWISSLANE STRONG 13473	840003131014391						
SWISSLANE SUPERIOR 12853-TW	840003127566219						
SWISSLANE SUPERIOR 12854-TW	840003127566220						
SWISSLANE SUPERIOR 12880	840003127566246						
SWISSLANE SUPERIOR 12886	840003127566252						
SWISSLANE SUPERSIRE 12149	840003124889628						
SWISSLANE SUPERSIRE 12337	840003124889816						3
SWISSLANE SUPERSIRE 12373	840003124889852						
SWISSLANE SUPERSIRE 12691	840003126244374			C			
SWISSLANE SUPERSIRE 12838	840003127566204						
SWISSLANE SUPERSIRE 12878	840003127566244						
SWISSLANE SUPERSIRE 13593	840003131014511		C				
SWISSLANE SUPERSIRE 13997	840003134253007						
SWISSLANE TAYLOR 12106	840003123825055						
SWISSLANE TEMPO 12294	840003124889773						
SWISSLANE TEMPO 12305	840003124889784						
SWISSLANE TEMPO 12382	840003124889861						
SWISSLANE TEMPO 12454	840003126244137						
SWISSLANE TERROR 12007	840003123824956						
SWISSLANE TERROR 12029	840003123824978						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE TERROR 12257	840003124889736						3
SWISSLANE TERROR 12675	840003126244358			C			
SWISSLANE TERROR 13062	840003129050104						
SWISSLANE TERROR 13069	840003129050111						
SWISSLANE TERROR 13912	840003132613684						3
SWISSLANE TIZER 12794	840003127566160				C		
SWISSLANE TIZER 13446	840003131014364						
SWISSLANE TIZER 13449	840003131014367						
SWISSLANE TIZER 13454	840003131014372				C		
SWISSLANE TIZER 13464	840003131014382						
SWISSLANE TOKYO 11984	840003123824933						
SWISSLANE TRIGGER 12206	840003124889685					C	
SWISSLANE TRIGGER 12505	840003126244188					C	
SWISSLANE TRIGGER 12721	840003126244404					C	
SWISSLANE TRIGGER 12772	840003127566138						
SWISSLANE TRIGGER 12801	840003127566167					C	
SWISSLANE TWIST 11843	840003123824792					C	
SWISSLANE TWIST 11906	840003123824855						
SWISSLANE TWIST 11973	840003123824922						
SWISSLANE TWIST 12083	840003123825032					C	
SWISSLANE TWIST 12151	840003124889630						
SWISSLANE TWIST 13108	840003129050150		C				
SWISSLANE TWIST 13120	840003129050162					C	
SWISSLANE TWIST 13127	840003129050169	C				C	
SWISSLANE TWIST 13128	840003129050170					C	
SWISSLANE TWIST 13131	840003129050173					C	
SWISSLANE TWIST 13150	840003129050192						
SWISSLANE TWIST 13154	840003129050196	C				C	
SWISSLANE TWIST 13157	840003129050199					C	
SWISSLANE TWIST 13166	840003129050208					C	
SWISSLANE TWIST 13171	840003129050213		C			C	
SWISSLANE ULMER 13333	840003129050375			C			
SWISSLANE ULTRA 13114	840003129050156						
SWISSLANE UNIVERSE 13032	840003127566398						
SWISSLANE UNIVERSE 13067	840003129050109						
SWISSLANE USHER 12694	840003126244377						
SWISSLANE USHER 12712	840003126244395						
SWISSLANE WALTON 12089	840003123825038						
SWISSLANE WATSON 12021	840003123824970						
SWISSLANE WATSON 12030	840003123824979			C		C	
SWISSLANE WATSON 12053	840003123825002			C			
SWISSLANE WATSON 12059	840003123825008						
SWISSLANE WATSON 12124	840003123825073			C		C	
SWISSLANE WATSON 12130	840003123825079			C		C	
SWISSLANE WATSON 12133	840003123825082						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE WATSON 12145	840003124889624					C	
SWISSLANE WATSON 12177	840003124889656					C	
SWISSLANE WATSON 12204	840003124889683			C			
SWISSLANE WATSON 12255	840003124889734						
SWISSLANE WATSON 12311	840003124889790		C	C			
SWISSLANE WATSON 12390	840003124889869			C		C	
SWISSLANE WATSON 12433	840003124889912			C			
SWISSLANE WATSON 12549	840003126244232					C	
SWISSLANE WATSON 12654	840003126244337			C		C	
SWISSLANE WATSON 12666	840003126244349					C	
SWISSLANE WATSON 12711	840003126244394			C		C	
SWISSLANE WATSON 12792	840003127566158						
SWISSLANE WATSON 12793	840003127566159						
SWISSLANE WATSON 12816	840003127566182						
SWISSLANE WATSON 12828	840003127566194						
SWISSLANE WATSON 12850	840003127566216			C		C	
SWISSLANE WATSON 12896	840003127566262						
SWISSLANE WATSON 12948	840003127566314					C	
SWISSLANE WATSON 13195	840003129050237			C		C	
SWISSLANE WATSON 13197	840003129050239					C	
SWISSLANE WATSON 13202	840003129050244			C			
SWISSLANE WATSON 13207	840003129050249			C			
SWISSLANE WATSON 13209	840003129050251			C			
SWISSLANE WATSON 13216	840003129050258			C			
SWISSLANE WATSON 13219	840003129050261					C	
SWISSLANE WATSON 13231	840003129050273			C		C	
SWISSLANE WATSON 13396	840003131014314			C			
SWISSLANE WATSON 13437	840003131014355					C	
SWISSLANE WATSON 13475	840003131014393			C		C	
SWISSLANE WATSON 13497	840003131014415						
SWISSLANE WATSON 13504	840003131014422					C	
SWISSLANE WATSON 13534	840003131014452			C			
SWISSLANE WATSON 13636	840003131014554						
SWISSLANE WATSON 13654	840003132613426					C	
SWISSLANE WATSON 13674	840003132613446					C	
SWISSLANE WATSON 13697	840003132613469			C			
SWISSLANE WATSON 13896	840003132613668			C		C	
SWISSLANE WATSON 13915	840003132613687			C		C	
SWISSLANE YANCE 11871	840003123824820						
SWISSLANE YANCE 12183	840003124889662						
SWISSLANE YANCE 12678	840003126244361						
SWISSLANE YANCE 12715	840003126244398						3
SWISSLANE YANCE 12739	840003126244422						
SWISSLANE YANCE 12740	840003126244423						
SWISSLANE YANCE 12750	840003127566116						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SWISSLANE YANCE 12813	840003127566179						
SWISSLANE YANCE 13407	840003131014325						
SWISSLANE YANCE 13418	840003131014336						3
SWISSLANE YANCE 13423	840003131014341						
SWISSLANE YANCE 13690	840003132613462						
SWISSLANE YANCE 14001	840003134253011						
SWISSLANE YODER 13738	840003132613510						3
SWISSLANE YODER 13743	840003132613515						
SWISSLANE YODER 13751	840003132613523						
SWISSLANE YODER 13764	840003132613536						
SWISSLANE YODER 13766	840003132613538					C	
SWISSLANE YODER 13773	840003132613545					C	
SWISSLANE YODER 13782-TW	840003132613554						
SWISSLANE YODER 13783-TW	840003132613555						
SWISSLANE YODER 13790	840003132613562						
SWISSLANE YODER 13793	840003132613565						
SWISSLANE YODER 13799	840003132613571						
SWISSLANE YODER 13822	840003132613594						
SWISSLANE YODER 13835	840003132613607						
SWISSLANE YODER 13882	840003132613654					C	
SWISSLANE YODER 13927	840003132613699			C			
SWISSLANE YODER 13931	840003132613703						
SWISSLANE YODER 13943	840003134252953						
SWISSLANE YODER 13951	840003134252961						
SWISSLANE YODER 13983	840003134252993						
SWISSLANE YODER 14004	840003134253014						
SYDNEYS KMANOR MCKINLEY 311	USA 72160724						
SYDNEYS PAY MEMORY 372	USA 72160785						
SYLVAN-SPRING PAT2	USA 71768663						3
SYLVAN-T ROY KARINA	USA 135068528						
SYLVAN-T TERRASON KISTA	USA 138253747	C					
SYLVANDALE ARMSTEAD MOLLY	USA 55290898						
SYLVANDALE MASTERG 1179	USA 55757542						
SYLVANDALE MATA HARI	USA 53192342						
SYLVANDALE PERFORM MODEL	USA 55757541						3
SYLVANDALE PRONTO MERLOT-ET	USA 55290863						
SYLVANDALE SANCHEZ MITT	USA 55290918						
SYLVANDALE SHOTTLE MARIA-ET	USA 55290925					C	
SYLVANDALE SHOTTLE RITZY-ET	USA 55757529					C	
SYNERGY 1STCLASS DESIGN-ET	840003130259795						
SYNERGY 1STCLASS DIOR-ET	840003130259798						
SYNERGY 1STCLSS DOMINATE-ET	840003131303702						
SYNERGY 5000 CHANCES	USA 70826925						
SYNERGY ABSLT LOOPDELOU-RED	USA 69735744						
SYNERGY ABSOLUTE ASPEN-ET	USA 72799023						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY ABST AMAZING-RED-ET	USA 70344762						
SYNERGY ACTIVE BLAIR	USA 66393990					C	
SYNERGY ADDICTION SWEET	USA 74157185						1
SYNERGY AFSHK ARIANNA-ET	USA 71440436					C	
SYNERGY AIKMAN ALLSPICE-RED	USA 73247343						
SYNERGY AIKMAN LUNA-RED	USA 73742646		C				
SYNERGY AIKMAN SMURF-RED	USA 73247339	C					
SYNERGY AIRNET BEYONCE	USA 71440418						
SYNERGY AIRNET DREAMER	USA 70827024						
SYNERGY AIRNET SURI	USA 71864206						
SYNERGY ALAN POKER	USA 70344774						
SYNERGY ALAN POLKA DOT	USA 70344787			C			
SYNERGY ALCHEMY ROMANO-ET	USA 71864208						
SYNERGY ALCHEMY ROSETTE-ET	USA 71864265						1
SYNERGY ALCHMY LOOPHOLE-RED	USA 71864225						
SYNERGY ALCMY RAIDER-RED-ET	USA 71864273						
SYNERGY ALTAAVALON TINA	USA 73247380						
SYNERGY ALWAYS SMOKIN-RED	USA 72798978						
SYNERGY ALWYS N LOVE-RED-ET	USA 72325058						
SYNERGY ANAHIEM MAGNOLIA-ET	840003128530253						
SYNERGY ANAHIEM MANIFEST-ET	840003128530257						
SYNERGY ANAHM MARIGOLD-ET	840003128530252						
SYNERGY ARM LICORICE-RED-ET	840003131303780						
SYNERGY ARMITAGE ALBANY	USA 71440477						
SYNERGY ARMSTEAD CALICO-ET	USA 66394047	C					
SYNERGY ARMSTEAD CASSIDY-ET	USA 66394051						
SYNERGY ARMSTEAD CRICKET-ET	USA 66394043	C					
SYNERGY ARMSTEAD GRADUATE	USA 65496412						
SYNERGY AS GOOD AS GOLD-ET	840003133120798						
SYNERGY ATWOOD GUCCI	USA 71864214						
SYNERGY AVALON RICKEY	USA 69096061						
SYNERGY BALDWIN BLANCA	USA 71864259						
SYNERGY BALISTO APRICOT	840003131303748						
SYNERGY BALISTO BOOBOO	USA 73742673						
SYNERGY BALISTO DRUMMER	840003131303703						
SYNERGY BALISTO DUSK	840003133120771						
SYNERGY BALISTO SERENE	USA 74157198						
SYNERGY BALISTO SHIRAKA	USA 73742674			C			
SYNERGY BALISTO SINGAPORE	840003130259745						
SYNERGY BALISTO STRIKE	840003131303753						
SYNERGY BALISTO SUKI	840003131303770						
SYNERGY BALISTO SWIRL-ET	USA 73742698						
SYNERGY BANFF BAUMEISTER	USA 71864255						
SYNERGY BANFF BOURBON	USA 71864288						
SYNERGY BANFF BUNNY	USA 71864272						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY BANFF YVETTE	USA 71864260						
SYNERGY BAYONET POLLY	840003130259790						
SYNERGY BIG TIME PEARL-ET	USA 69735790						
SYNERGY BOLIVER ACORN-ET	USA 65496455						
SYNERGY BOLIVER ALMOND	USA 65496457						
SYNERGY BOLIVER BRESLYN	USA 66394016						
SYNERGY BOMBERO BLIZZARD	USA 74157213						
SYNERGY BOMBERO CARLY	840003131303796						
SYNERGY BOMBERO MUSTANG-ET	USA 74157215						
SYNERGY BOMBERO PINKY	840003128530246						
SYNERGY BOOKEM 3059	USA 73046236						
SYNERGY BOOKEM FRANCESCA	USA 70827015						
SYNERGY BOOKEM FUNKY	USA 70826972						
SYNERGY BOOKEM JOYRIDE	USA 71864210	C					
SYNERGY BOOKEM LIFTOFF-TW	USA 71864205						
SYNERGY BOOKEM LUNAR-TW	USA 71864204						
SYNERGY BOOKEM MOOLAH	USA 70827013						
SYNERGY BOOKEM PIZAZZ	USA 70826965			C			
SYNERGY BOOKEM PREAKNESS	USA 70826976						
SYNERGY BOOKEM SPICY	USA 70826967						
SYNERGY BOWSER ALAINA	USA 70344822		C				
SYNERGY BOWSER BRIA	USA 70826949						
SYNERGY BOWSER GAMER	USA 70344828						
SYNERGY BRADNICK ARMANI	USA 71440486						
SYNERGY BRADNICK RIPPLE	USA 71440472						1
SYNERGY CASHCOIN PAPAYA-TW	USA 73247431			C			
SYNERGY CASHCOIN PECAN-ET	USA 73247400						
SYNERGY CASHCOIN PEPITA-ET	USA 73247401						
SYNERGY CASHCOIN PERFUME-ET	USA 73247376						1
SYNERGY CASHCOIN POTION-ET	USA 73247378						1
SYNERGY CERTIFY 3115	USA 73692613						
SYNERGY CHAIRMAN TABITHA	USA 70344816						
SYNERGY CHIPPER SPRUCE	USA 73247360						
SYNERGY COLBY TRILLIUM-ET	USA 65496417						
SYNERGY COLT 45 DANA-ET	USA 73247348						
SYNERGY COLT HARPER-RED-TW	USA 70827016						
SYNERGY COLT HAZEL-RED-TW	USA 70827017						
SYNERGY CRANK IT SONG	840003133120790						
SYNERGY CSCOIN PINEAPPLE-TW	USA 73247432			C			1
SYNERGY DADDY SANIBEL	USA 71864287		C				
SYNERGY DADDY SOLO	USA 72325030		C				
SYNERGY DAY BRISTOL-ET	USA 73247342						
SYNERGY DAY PEEP	USA 72325077						
SYNERGY DEAL SHEEPSHEAD	840003131303799						
SYNERGY DELTA DAMSEL-ET	840003131303712						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY DELTA DILLY-ET	840003131303711						
SYNERGY DELTA PHOEBE-ET	840003131303714						
SYNERGY DELTA PLAYA-ET	840003131303705						
SYNERGY DESHAUN BAYLOR	840003130259788						
SYNERGY DESHAUN DULCE	840003128530247						
SYNERGY DESHAUN ZAMARIS	840003133120788						
SYNERGY DESTRY ADORE-RED-ET	USA 69096077						
SYNERGY DESTRY ALLURE-ET	USA 69096075						
SYNERGY DESTRY ASSURE-ET	USA 69735733						
SYNERGY DESTRY TRIANGLE-RED	USA 69735754						1
SYNERGY DETROIT SADIE	USA 69735789						1
SYNERGY DIGGER ZAZU	USA 70826929						3
SYNERGY DOMAIN BURGUNDY	USA 69735782						
SYNERGY DOMAIN DIAMOND	USA 69735786						
SYNERGY DOMAIN SALLY-ET	USA 69735751						
SYNERGY DOMAIN SEELY-ET	USA 70344769						
SYNERGY DOMAIN SELENA	USA 70826959						
SYNERGY DONATELLO ANDI	840003131303754		C				
SYNERGY DONATELLO SAX	840003131303755						
SYNERGY DOORMAN ARIES	USA 72798993					C	
SYNERGY DORNE PEBBLES-ET	USA 68518208						
SYNERGY DORNE POPEYE-ET	USA 68518189			C			
SYNERGY ELVIS NOVELLA	USA 70827020	C					
SYNERGY EPIC ANDREA	USA 71440455						
SYNERGY EPIC PLASMA-ET	USA 71864235						
SYNERGY EPIC SAFFRON-ET	USA 72325018						
SYNERGY EPIC SAILOR-ET	USA 71864212						
SYNERGY EPIC SALVIA-ET	USA 71864220						
SYNERGY EPIC SAVORY-ET	USA 72325017						
SYNERGY EPIC SEMINOLE-ET	USA 71864280						
SYNERGY EPIC SEQUENCE-ET	USA 72325075						
SYNERGY EPIC SHIOCTON-ET	USA 71440446						
SYNERGY EPIC SUGAR-ET	USA 72325053						
SYNERGY FAIRWAY BASHFUL	USA 70827007						
SYNERGY FREDDIE GODIVA	USA 70826961						
SYNERGY FREDDIE PALOOZA	USA 71440402						
SYNERGY GALAXY BELMONT	USA 74157142						
SYNERGY GALAXY BRAEBURN	USA 74157140						
SYNERGY GALAXY SORREL-TW	USA 72799002						
SYNERGY GALAXY ZAG-ETS	USA 73247412	C					1
SYNERGY GALAXY ZAIRE-ET	USA 73247414	C					1
SYNERGY GALAXY ZASHA-ET	USA 73247413	C					
SYNERGY GALAXY ZIG-ETS	USA 73247411	C					1
SYNERGY GOLDWYN NEON-ET	USA 65496472						
SYNERGY GOLDWYN PROMISE-ET	USA 66394034						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY GREATEST FRAN	USA 70826962						
SYNERGY GREATEST MOCHA	USA 70826980						
SYNERGY GREATEST SHANNON	USA 71864211						
SYNERGY GREATEST ZADA	USA 71864222						
SYNERGY HYDRO REGGAE	USA 72799010						
SYNERGY INTEGRAL ADIRA	840003131303776			C			
SYNERGY JABIR ANNALISA	USA 73742658						
SYNERGY JABIR PERKY-ET	USA 73247433						
SYNERGY JABIR PIGLET-ET	USA 73247434						
SYNERGY JABIR POOH BEAR-ET	USA 73247429						
SYNERGY JACEY ANAHEIM	USA 73742637						
SYNERGY JACEY BROGAN	USA 74157125						
SYNERGY JACEY DENVER	USA 73247383						
SYNERGY JACEY MIRANDA-ET	USA 74157121						
SYNERGY JACEY PERSIA-ET	USA 73247388						
SYNERGY JACEY PINECONE-ET	USA 73247384						
SYNERGY JACEY POLAR-ET	USA 73247387						
SYNERGY JACEY POPSICLE-ET	USA 73247391						
SYNERGY JACEY PRESTON	USA 74157127						
SYNERGY JACEY PRETZEL-ET	USA 73247403						
SYNERGY JACEY SAN DIEGO	USA 73247385						
SYNERGY JACEY SOCHI	USA 73247397						
SYNERGY JACEY SOLSTICE	USA 73247399						
SYNERGY JACKMAN PASCAL	USA 72798983						
SYNERGY JACKMAN SLATE-ET	USA 72798960						
SYNERGY JADE PRISM	USA 70826933						
SYNERGY JIVES BOUNTY	USA 70827002						
SYNERGY JIVES BREWER-ET	USA 70826932						
SYNERGY JIVES DANCER-ET	USA 71864279						
SYNERGY JIVES PRECIOUS-ET	USA 70344825						
SYNERGY JOSUPER ACE	840003131303719						
SYNERGY JOSUPER AMARYLIS-ET	USA 74157205						
SYNERGY JOSUPER BINDI	840003133120772						
SYNERGY JOSUPER FLAME	840003130259781						
SYNERGY JOSUPER GOALIE	840003131303709						
SYNERGY JOSUPER PANKO	840003131303784						
SYNERGY JOSUPER POSE	840003131303773						
SYNERGY JOSUPER TEVA	840003130259751						
SYNERGY KINGBOY DORI-ET	USA 74157197						
SYNERGY KINGBOY DYLAN-ET	USA 74157183						
SYNERGY KINGBOY PALACE-ET	840003131303760						
SYNERGY KINGBOY PANTHEA-ET	840003130259787						
SYNERGY KINGBOY PARASOL-ET	840003130259794						
SYNERGY KINGBOY POLKA-ET	840003128530269						
SYNERGY KINGBOY POSH-ET	USA 74157184						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY KINGBOY PRIDE-ET	840003131303756						
SYNERGY KINGBOY SHERPA	840003128530258						
SYNERGY KOOL BEANS	USA 71440394						
SYNERGY KOOL BRELEIGH	USA 71440474						
SYNERGY KRUNCH FICKLE	USA 72799018						
SYNERGY KRUNCH SNOWY	USA 73247354						
SYNERGY LADD LUPINE-RED	USA 72325012						1
SYNERGY LANEY LOU-RED-ET	USA 74157139						
SYNERGY LARGE ACCOLADE	USA 71440480		C				
SYNERGY LARSEN ADDISON-ET	USA 70826978						3
SYNERGY LARSEN ADELE-ET	USA 70826975						
SYNERGY LARSEN LUZIANNA-RED	USA 70826994		C				
SYNERGY LARSN ASHTON-RED-ET	USA 70826977						
SYNERGY LARSON AMBER	USA 71864229						
SYNERGY LARSON TAFFY-RED	USA 71864215						
SYNERGY LATIMER CUTIE	USA 72325104						
SYNERGY LATIMER PISCES	USA 72799016						
SYNERGY LAWN BOY AMELIA-ET	USA 65496441						
SYNERGY LETS DEAL BLACKJACK	840003131303733						
SYNERGY LEXOR ANASTASIA-ET	USA 72325084						
SYNERGY LEXOR BRATWURST	USA 72798967						
SYNERGY LEXOR PANACHE-ET	USA 72798959						
SYNERGY LEXOR PERPLEX-ET	USA 72798958						
SYNERGY LEXOR PORTRAIT-ET	USA 72798966						
SYNERGY LITHIUM PURITY-ET	USA 72325037						
SYNERGY LITHIUM SHINER-ET	USA 72325083					C	
SYNERGY LITHIUM TARRAGON	USA 72325103						
SYNERGY LIVING LARGE	USA 71864218						
SYNERGY LOOPALICIOUS-RED-ET	USA 73247357						
SYNERGY MAC FLIPPER	USA 68518119						
SYNERGY MASCAL DAWN-ET	840003131303708						
SYNERGY MAUI AUSSIE	USA 71440431						
SYNERGY MCCUTCHEN BLUSH-ET	USA 71864274						
SYNERGY MCCUTCHEN POETIC-ET	USA 71864258						
SYNERGY MEGASIRE MARISOL	840003128530273						
SYNERGY MEGASIRE MORGAN-ET	USA 74157146						
SYNERGY MEGASIRE SLIM	USA 74157172						
SYNERGY MEGASIRE SPYRO	USA 74157163						
SYNERGY MERIDIAN PIPETTE-ET	USA 72325068			C			
SYNERGY MERIDIAN PIPPI-ET	USA 72325072			C			
SYNERGY METEOR CHEERIO	USA 70344811						
SYNERGY METEOR OCTAVE	USA 70826955						
SYNERGY METEOR PACIFIC-ET	USA 70344814						3
SYNERGY METEOR PARIS-ET	USA 70344783						3
SYNERGY METEOR PATIENCE-ET	USA 70344818						3

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY MICHAEL FLAME	USA 69096007						
SYNERGY MILLION BOBSLED	USA 69096036						
SYNERGY MILLION JINGLES	USA 69095993	C	C				
SYNERGY MILLION ZIPPER	USA 68518159						
SYNERGY MOGUL AGATHA-ET	USA 72325021						
SYNERGY MOGUL BELOVED	USA 72325049						
SYNERGY MOGUL CORAL	USA 73742711						
SYNERGY MOGUL JOLIE	USA 72799022					C	
SYNERGY MOGUL JOLLY	USA 74157201					C	
SYNERGY MOGUL LEGACY	USA 74157203						
SYNERGY MOGUL PRADA-ET	USA 71864217						
SYNERGY MOGUL SALMA-ET	USA 71864237						
SYNERGY MOGUL SHARONA-ET	USA 71864281						
SYNERGY MOGUL SNOWHITE-ET	USA 71864278						
SYNERGY MONTEREY LETTIE-ET	840003130259750						
SYNERGY MONTEREY ROYCE-ET	840003130259758						
SYNERGY MONTEREY RUTHANN-ET	840003130259746						
SYNERGY MONTROSS DANICA-ET	USA 74157148						
SYNERGY MONTROSS DELANEY-ET	USA 74157143						
SYNERGY MONTROSS DELSIE-ET	USA 74157144						
SYNERGY MONTROSS DELTA-ET	USA 74157150						
SYNERGY MONTROSS DIANA-ET	USA 74157149						
SYNERGY MONTROSS SHOPPER	USA 74157175						
SYNERGY MONTROSS SOLARIS	840003128530272						
SYNERGY MONTROSS SUMO	840003131303740						
SYNERGY MONTROSS YASMINE	840003130259763			C			
SYNERGY MR P 3072-RED	USA 73046249						
SYNERGY MR P CIDER	USA 73247396						
SYNERGY NUMERO UNO POPPY-ET	USA 72325096						
SYNERGY O MAN CARAMEL	USA 65496377			C			
SYNERGY O MAN FUNYON	USA 63163433						
SYNERGY O MAN LACE	USA 62499273			C			
SYNERGY O-COSMO PENNY	USA 72325023						
SYNERGY OAK ARCTIC	USA 73247369						
SYNERGY OAK BALSAM-ET	USA 72799004						
SYNERGY OAK BEECH-ET	USA 72799007						
SYNERGY OAK BIRCH-ET	USA 72799008						
SYNERGY OAK BUTTERNUT-ET	USA 72799006						
SYNERGY OAK PAGODA-ET	USA 72798988						
SYNERGY OAK PAITON-ET	USA 72798938						
SYNERGY OAK PALOMA-ET	USA 72798936						
SYNERGY OAK PARVATI	USA 72798935						
SYNERGY OAK PATCHES-ET	USA 73165846						
SYNERGY OAK PATINA-ET	USA 72798985						
SYNERGY OAK PETRA	USA 73247356						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY OAK PISTACHIO	USA 72798927						
SYNERGY OAK PLANTAIN	USA 73742640						
SYNERGY OAK PONTOON-ET	USA 72798986						
SYNERGY OAK POPPLE-ET	USA 73165980						
SYNERGY OAK PUMPKIN	USA 72799020						
SYNERGY OCTOBERFST DESSA-ET	840003131303758						
SYNERGY OCTOBRFST DANISH-ET	840003131303746						
SYNERGY OCTOBRFST DEGREE-ET	840003131303743						
SYNERGY OCTOBRFST DETOUR-ET	840003131303744						
SYNERGY OCTOBRFST DEXTER-ET	840003131303750						
SYNERGY OHARE ZIA-ET	USA 73742651						1
SYNERGY OHARE ZOA-ET	USA 73742657	C					1
SYNERGY OHIO STYLE ZITI-ET	USA 73247398	C					1
SYNERGY OLYMPIAN APOLLO-RED	840003131303769						
SYNERGY OLYMPN SPRINTER-RED	840003131303741						
SYNERGY OSMOND EVE	USA 70826995						
SYNERGY PARKER BOMBAY	USA 70826954						
SYNERGY PBALL MANIA-ET	840003130259799						
SYNERGY PBALL PESAME-ET	840003130259801						
SYNERGY PENLEY AUDRA-ET	840003130259792						
SYNERGY PETY DAREDEVIL-ET	840003131303730						
SYNERGY PETY DEMI-ET	840003131303721						
SYNERGY PILSNER JADELYN-ET	USA 72325081						
SYNERGY PILSNER SUMAC	USA 72325101						
SYNERGY PLAN Z SALT	USA 72325047						
SYNERGY PLANET BE MINE-ETS	USA 69096025						
SYNERGY PLANET BELLA	USA 69735779						
SYNERGY PLANET BOLT	USA 68518183			C			
SYNERGY PLANET PASSION-ET	USA 68518153						
SYNERGY PLANET PIPER-ET	USA 68518117						
SYNERGY PLANET POLKA-ET	USA 68518118			C			
SYNERGY PLANET SAVONA	USA 68518194						
SYNERGY PLANET TYRA	USA 69096039						
SYNERGY POSEIDON ATHENA	USA 71440388						
SYNERGY POWERBALL MAGIC-ET	840003130259778						
SYNERGY POWERBALL PAYOUT-ET	840003131303751						
SYNERGY POWERBALL PENNY-ET	840003128530259						
SYNERGY POWERBALL PERCY-ET	840003130259782						
SYNERGY PRDSTN PROVOLONE-ET	USA 73247404			C			3
SYNERGY PREDESTINE 131-ET	840003124591602			C			
SYNERGY PREDSTN PECORINO-ET	USA 73247402						3
SYNERGY PUNCH SHORTY-ET	USA 71864224						
SYNERGY PUNCH STARRY-ET	USA 71864232						
SYNERGY PURE ROMANCE	840003130259783						
SYNERGY RACER MILES-ET	USA 74157120						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY RACER YAMAHA	USA 74157209						
SYNERGY RAMOS BRANDI	USA 64410400						
SYNERGY RAMOS SUEDE	USA 62499259						
SYNERGY RAMOS ZANDRA	USA 64410418						
SYNERGY REDBURST TALLY-RED	USA 71864233		C				1
SYNERGY REFLCTR PENELOPE-ET	USA 74157134						
SYNERGY REFLECTOR DIVINE-ET	USA 74157206						
SYNERGY REFLECTOR DIXIE-ET	USA 74157196						
SYNERGY REFLECTOR DOLLY-ET	USA 74157202						
SYNERGY REFLECTOR MORIE-ET	USA 74157131						
SYNERGY REFLECTR MADONNA-ET	USA 74157135						
SYNERGY REFLECTR PARADOX-ET	USA 74157130						
SYNERGY RFLCTR MACKENZIE-ET	USA 74157133						
SYNERGY RLTY SANGRIA-RED-ET	USA 68518181						
SYNERGY ROBUST BUGLE	USA 71440464						
SYNERGY ROBUST DAYLIGHT	USA 71440452						
SYNERGY ROBUST DECLARATION	USA 71440462						
SYNERGY ROBUST PHANTOM-ET	840003133120776						
SYNERGY ROXB TAILGATE-RED	USA 73742719		C				1
SYNERGY RUBICON DEACON-ET	840003131303749						
SYNERGY RUBICON DENMARK-ET	840003131303745						
SYNERGY RUBICON DRAUGHT-ET	840003131303747						
SYNERGY RUBICON DREW-ET	840003130259800						
SYNERGY RUBICON NORTHPOLE	840003133120797						
SYNERGY RUBICON PAISAN-ET	840003131303735						
SYNERGY RUBICON PAMPAS-ET	840003131303736						
SYNERGY RUBICON PERFECT-ET	840003131303729						
SYNERGY RUBICON PETALUMA	840003133120796						
SYNERGY RUBICON PIAZZA-ET	840003131303732						
SYNERGY SAMOA CHIQUITA	USA 70827010			C		C	
SYNERGY SAMOA VERUCA	USA 71440466			C			
SYNERGY SANDY COMET-ET	USA 69096002					C	
SYNERGY SARSAPARILLA-RED	USA 74157124						1
SYNERGY SATCHEL STORMY-ET	USA 71864269						
SYNERGY SATCHEL SUNNY-ET	USA 71864275						
SYNERGY SAVE ALBINO	USA 73742667						
SYNERGY SAVE LOURDES	840003130259766						
SYNERGY SEBASTIAN SINGER-ET	USA 69735765						
SYNERGY SEBASTIAN SONATA-ET	USA 69735713						
SYNERGY SEBASTIAN SONNET-ET	USA 69735715						
SYNERGY SEBASTIAN ZABRINA	USA 70344817						
SYNERGY SEDARA 3073	USA 73046250						
SYNERGY SHAMROCK ANTHEM-ET	USA 71440461						
SYNERGY SHAMROCK AVON-ET	USA 71440478						
SYNERGY SHAMROCK AZALEA-ET	USA 71440465						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY SHAMROCK BREWSKI	USA 70826988						
SYNERGY SHAMROCK PEONY	USA 71440414						
SYNERGY SHAMROCK POSEY	USA 72325031						
SYNERGY SHAMROCK STELLA	USA 70826969						
SYNERGY SHAMROCK TIGERLILY	USA 71440406						
SYNERGY SHAN 3092	USA 73046269						
SYNERGY SHARPIE WHIMSY	USA 70826957						
SYNERGY SHAW BRIGHTON	USA 73742648						
SYNERGY SHOT AL PRETTY	USA 69735794						
SYNERGY SHOTTLE LUELLA	USA 66394042						
SYNERGY SHOTTLE SEQUIN	USA 64410402						
SYNERGY SHOWDOWN ADRIAN-ET	USA 71864230						1
SYNERGY SHOWDOWN TRILOGY	USA 71440482						
SYNERGY SHOWDWN SILVER-RED	USA 71440481						1
SYNERGY SILVER DAGGER-ET	840003131303727						
SYNERGY SILVER ESSENCE-ET	840003133120782						
SYNERGY SILVER PISTOL-ET	840003131303724						
SYNERGY SILVER POLISH-ET	840003131303715						
SYNERGY SILVER POMPOM-ET	840003131303723						
SYNERGY SILVER PRINGLES-ET	840003133120804						
SYNERGY SILVER SIMONE-ET	840003133120799						
SYNERGY SILVER SYMPHONY-ET	840003133120803					C	
SYNERGY SPARK PAISLEY	840003131303764						
SYNERGY SPARK PYRO	840003131303716						
SYNERGY SPEARMINT MOJITO	USA 69095985		C	C		C	
SYNERGY SPRING APRIL	840003133120769						
SYNERGY SPRING DAISY-ET	840003130259776						
SYNERGY SPRING DANDY-ET	840003130259775						
SYNERGY SPRING DAPPLE-ET	840003130259780						
SYNERGY SPRING DELIGHT-ET	840003130259777						
SYNERGY SPRING DEWDROP-ET	840003130259785						
SYNERGY SPRING DRAGON-ET	840003130259784						
SYNERGY SPRING DRIZZLE-ET	840003130259786						
SYNERGY SPRING PANAMA-ET	840003128530243						
SYNERGY SPRING PANTHER-ET	840003130259744						
SYNERGY SPRING PARAGUAY-ET	840003128530242						
SYNERGY SPRING PERU-ET	840003128530244						
SYNERGY SPRING PHOENIX-ET	840003128530235						
SYNERGY SPRING POLYNESIA-ET	840003128530241						
SYNERGY SPRING ZAFINA-ET	840003130259747						
SYNERGY SPRING ZAMBIA-ET	840003130259748						
SYNERGY SSI-LA ELISA-ET	840003124003950						
SYNERGY SSI-LA ELSA-ET	840003124003951						
SYNERGY STGY CAMARO 912-ET	840003126668002						
SYNERGY STGY KB 927-ET	840003126668017						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY STGY KB 937-ET	840003126668027						
SYNERGY SUNFISH ADESSA	840003131303778						1
SYNERGY SUPER POWERS-ET	USA 72798956						
SYNERGY SUPERFLY DIVA	USA 72325035						
SYNERGY SUPERSHOT SCHNAPPS	840003133120783						
SYNERGY SUPERSHOT TEQUILA	840003133120789						
SYNERGY SUPERSIRE ALADDIN	USA 72325093						
SYNERGY SUPERSIRE APACHE	USA 72798948						
SYNERGY SUPERSIRE AUBURN	USA 72325111						
SYNERGY SUPERSIRE BEDAZZLE	USA 72798980						
SYNERGY SUPERSIRE BUFFY	USA 74157145						
SYNERGY SUPERSIRE CRAISIN	USA 72798929						
SYNERGY SUPERSIRE FEAST	USA 74157173						
SYNERGY SUPERSIRE PASTA	USA 72798946						
SYNERGY SUPERSIRE POSH-ET	USA 72061742						
SYNERGY SUPERSIRE SABER	USA 72798996						
SYNERGY SUPERSIRE SADIRA-ET	USA 72325028						
SYNERGY SUPERSIRE SAKURA-ET	USA 72325027						
SYNERGY SUPERSIRE SAXON-ET	USA 72325038					C	
SYNERGY SUPERSIRE SLIDER	USA 72798973						
SYNERGY SUPERSIRE ZAHARA	USA 74157167						
SYNERGY SUPERSIRE ZAP	USA 72798951						3
SYNERGY SUPERSIRE ZOLA-ET	USA 72325045	C					1
SYNERGY SUPERSRE SHAWNEE-ET	USA 72325029						
SYNERGY SUPRSRE STRATEGY-ET	USA 72325033						
SYNERGY SYM AUGUST-RED-ET	USA 72798974						
SYNERGY SYMPATICO AGAVE-ET	USA 72798968						
SYNERGY TANGO PAINTBALL	USA 74157195		C				
SYNERGY TANGO PARADISE-ET	USA 73742718		C				
SYNERGY TANGO PARKER-ET	USA 73742710						
SYNERGY TANGO PASSIVE-ET	USA 73742706						
SYNERGY TANGO PAULINE-ET	USA 74157136		C				
SYNERGY TANGO PEEKABOO-ETS	USA 73742627		C				
SYNERGY TANGO PENNANT-ET	USA 73742636						
SYNERGY TANGO PERFORMER	840003128530274						
SYNERGY TANGO PESO-ET	USA 73742721		C				
SYNERGY TANGO PETITE-ET	USA 73742708						
SYNERGY TANGO PETRANELLA-ET	USA 73742633						
SYNERGY TANGO PETRISSE	USA 73742688		C				
SYNERGY TANGO PETUNIA-ET	USA 73742631						
SYNERGY TANGO PICANTE-ET	USA 73742696		C				
SYNERGY TANGO PICNIC-ET	USA 73742639		C				
SYNERGY TANGO PINTO-ET	USA 73742716						
SYNERGY TANGO PLEDGE-ET	USA 73742638		C				
SYNERGY TANGO PLOVER-ET	USA 73742635		C				

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYNERGY TANGO PORTUGAL	USA 73742681						
SYNERGY TANGO PRANKSTER-ETS	USA 73247438		C				
SYNERGY TANGO SEDONA	USA 74157156						
SYNERGY TANGO SPRITZ	USA 73742687						
SYNERGY TATUM LAMIA	840003129876308		C				
SYNERGY TEAM PLAYER	840003130259754			C			
SYNERGY TIME BRITTANY	USA 70344757						
SYNERGY TROY PEANUT-ET	USA 74157159						
SYNERGY TROY POTLUCK-ET	USA 74157174						
SYNERGY TROY PUZZLE-ET	USA 74157170						
SYNERGY UNO DOS	USA 72325036						
SYNERGY UNO DUMPLING	USA 73742677						
SYNERGY UNO PAIGE-ET	USA 72798981						
SYNERGY UNO PARFAIT-ET	USA 72798943						
SYNERGY UNO PARLAY-ET	USA 72798944						
SYNERGY UNO PHOEBE-ET	USA 72798984						
SYNERGY UNO PINATA-ET	USA 71864236						
SYNERGY UNO PIONEER-ET	USA 72325073						
SYNERGY UNO PIZAZZ-ET	USA 71864263						
SYNERGY UNO PLATINUM-ET	USA 71864241						
SYNERGY UNO POT O GOLD-ET	USA 72325069						
SYNERGY UNO PRESTO-ET	USA 72325041						
SYNERGY UNO PRIMO-ET	USA 72325042						
SYNERGY UNO SHEBA	USA 73742699						
SYNERGY YODER DANAE-ET	840003130259760						
SYNERGY YODER DARBY-ET	840003130259771						
SYNERGY YODER JAMAICA	840003130259757						
SYNERGY YODER MALIBU	840003133120794						
SYNERGY YODER MEG-ET	840003130259762						
SYNERGY YODER MIKAEL-ET	840003130259755						
SYNERGY YODER MOXIE-ET	840003130259765						
SYNERGY YODER PALISADE	840003131303790						
SYNERGY YODER PAMELA-ET	840003128530260						
SYNERGY YODER POLAND-ET	840003128530248						
SYNERGY YODER PORTUGAL-ET	840003128530245						
SYNERGY YODER SHORTCAKE	840003133120791						
SYNERGY YODER SOLEIL	840003131303791						
SYNERGY YODR POLTERGEIST-ET	840003133120778						
SYNERGY ZENITH PARROT-ET	USA 66394015			C			
SYRYCZUK AIRNET AMELIA-ET	USA 71334199						
SYRYCZUK AIRNET ARIEL-ET	USA 71334106						
SYRYCZUK AIRNET SABRINA-ET	USA 71334194						
SYRYCZUK AUSTIN 2096	USA 73459973						
SYRYCZUK BOOKEM BRIA	USA 70712251						
SYRYCZUK BOOKEM SUMMER-ET	USA 70712270						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYRYCZUK BOOKEM WINNIE-ET	USA 70712238						
SYRYCZUK BOWSER BREE-ET	USA 69564755						3
SYRYCZUK BOWSER LUCKY	USA 69564834	C					
SYRYCZUK BREAD SABLE	USA 69564830						
SYRYCZUK CALIBER GIA-ET	USA 70712216						
SYRYCZUK CANCUN ANASTASIA	USA 70712224						
SYRYCZUK CASUAL 1993-ET	USA 72761256						
SYRYCZUK CASUAL 1994-ET	USA 72761257						
SYRYCZUK CHAP BIRKIE	USA 71334167						
SYRYCZUK DAY GILLIAN-ET	USA 72013166						
SYRYCZUK DAY GIN-ET	USA 72013137						
SYRYCZUK DAY GISSELLE-ET	USA 72013136						
SYRYCZUK DEFENDER 2009-ET	USA 73459886						
SYRYCZUK DESTRY BERKLEY	USA 69564767						1
SYRYCZUK DISTINCTION 2003	USA 73459880						
SYRYCZUK DOMAIN EVELYN-ET	USA 69564824						
SYRYCZUK DOMAIN EVITA-ET	USA 69564823						
SYRYCZUK DORCY BRITANY	USA 69564764						
SYRYCZUK ECOYNE ISY SHEA	USA 72013185						
SYRYCZUK ECOYNE ISY TAZU-ET	USA 71334133						
SYRYCZUK ECOYNE ISY TEIA-ET	USA 71334131						
SYRYCZUK ELVYS ISY 2105	840003128463230						
SYRYCZUK EPIC ELISE-ET	USA 71334163						
SYRYCZUK EPIC ERIKA-ET	USA 71334201						
SYRYCZUK EPIC LEXY-ET	USA 71334141						
SYRYCZUK EPIC MARA-ET	USA 71334160						
SYRYCZUK EPIC MOONLITE-ET	USA 71334165						
SYRYCZUK EPIC TERALYN-ET	USA 71334143						
SYRYCZUK FRANZ FRANKIE	USA 71334113	C					
SYRYCZUK FREDDIE SHARICE-ET	USA 69564813						
SYRYCZUK GLXY GUCCI CRI-ET	840003011817171						
SYRYCZUK HILL 1919	USA 72761182						
SYRYCZUK HILL 1926-ET	USA 72761189						
SYRYCZUK HILL 1928-ET	USA 72761191						
SYRYCZUK HILL 1941	USA 72761204						
SYRYCZUK IOTA IZZIE	USA 70712230						
SYRYCZUK IOTA TESSA-ET	USA 70712243						
SYRYCZUK JACEY 1984-ET	USA 72761247						
SYRYCZUK JACEY 2053	USA 73459930						
SYRYCZUK KRISTOFF MYKEL-ET	USA 71334189						
SYRYCZUK LATIMER 1954-ET	USA 72761217						
SYRYCZUK LAWMAN 2068-ET	USA 73459945						
SYRYCZUK LAWMAN 2072-ET	USA 73459949						
SYRYCZUK LAWMAN 2074-ET	USA 73459951						
SYRYCZUK LET IT SNOW 1905	USA 72761168			C			

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYRYCZUK LEWIS WENDY-ET	USA 70712290						
SYRYCZUK LEWIS WIM-ET	USA 70712288						
SYRYCZUK MASSEY 1923-ET	USA 72761186			C			
SYRYCZUK MASSEY 1933-ET	USA 72761196			C			
SYRYCZUK MASSEY MATANA-ET	USA 72013190						
SYRYCZUK MASSEY MATILDA-ET	USA 72013191						
SYRYCZUK MCCUTCHEN EVA-ET	USA 72013177						
SYRYCZUK MCCUTCHEN GWEN-ET	USA 71334185						
SYRYCZUK MCCUTCHEN MABEL-ET	USA 71334183						
SYRYCZUK MCCUTCHEN MAYA	USA 72013187						
SYRYCZUK MCCUTCHEN MYRA	USA 72013156						
SYRYCZUK MINOS MALLORY-ET	USA 70712278			C			
SYRYCZUK MINOS MELANIE-ET	USA 71334129			C			
SYRYCZUK MINOS MIKA-ET	USA 71334198			C			
SYRYCZUK MINOS MORGAN-ET	USA 71334130						
SYRYCZUK MINOS TESLA-ET	USA 70712253						
SYRYCZUK MINOS TIARA-ET	USA 70712276			C			
SYRYCZUK MOGUL 1944	USA 72761207						
SYRYCZUK MOGUL BIFFY	USA 72013186						
SYRYCZUK MONTROSS 2142-ET	840003128463267						
SYRYCZUK MONTROSS 2143-ET	840003128463268						
SYRYCZUK O-STYLE GENOA	USA 70712258			C			
SYRYCZUK O-STYLE ODEL-ET	USA 71334193			C			
SYRYCZUK O-STYLE ODETTE-ET	USA 71334197						
SYRYCZUK OAK 1885-ET	USA 72013221						
SYRYCZUK OAK 1886-ET	USA 72013222						
SYRYCZUK OAK 1904	USA 72761167						
SYRYCZUK OAK 1995-ET	USA 72761258						
SYRYCZUK PARADISE POSY-ET	USA 71334156						
SYRYCZUK PARADISE TATEM-ET	USA 72013149						
SYRYCZUK PARADISE TORI-ET	USA 72013167						
SYRYCZUK PARKER BRETTA-ET	USA 71334119						
SYRYCZUK PARKER PATSY-ET	USA 70712246						
SYRYCZUK PARKER PATTY-ET	USA 70712244						
SYRYCZUK PERRY EVA-ET	USA 71334136	C					
SYRYCZUK PERRY EVE-ET	USA 71334135						
SYRYCZUK PERRY PAISLEY-ET	USA 72013146	C					
SYRYCZUK PREDESTINE 1953-ET	USA 72761216						3
SYRYCZUK PREDESTINE 1955-ET	USA 72761218						
SYRYCZUK PURE 2123-ET	840003128463248						
SYRYCZUK PURE 2127-ET	840003128463252						
SYRYCZUK RED-OAK PERU	USA 70712221			C			
SYRYCZUK SHAMROCK TAMARA-ET	USA 70712295						
SYRYCZUK SHAMROCK WEN-ET	USA 70712301						
SYRYCZUK SHAN MCKENNA-ET	USA 72013160						

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Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
SYRYCZUK SHERAC SHINA-ET	USA 71334121						
SYRYCZUK SHERAC SYDNEY-ET	USA 71334117						
SYRYCZUK SHOTGLASS 1870-ET	USA 72013206						
SYRYCZUK SHOTGLASS 1873-ET	USA 72013209						
SYRYCZUK SNOWMAN WONDER-ET	USA 70712266			C			
SYRYCZUK SYRACUSE 2066-ET	USA 73459943						
SYRYCZUK TUFFENUFF 2124-ET	840003128463249						
SYRYCZUK TUFFENUFF 2152	840003128463277						
SYRYCZUK WILLPOWER 1966	USA 72761229	C					
SYRYCZUK WOLFGANG 2039	USA 73459916						
SYRYCZUK ZELGADIS ZELDA-ET	USA 71334173						
SYRYCZUK ZELGADIS ZELENA-ET	USA 71334175	C					
SYRYCZUK ZELGADIS ZENA-ET	USA 71334176	C					