

**Male Carriers for Haplotypes Impacting Fertility on the Records of
Holstein Association USA, Inc. as of 04/11/2016
(Blank=Tested-Free, C=Carrier) Use CTRL-F to search.**

Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
202HO00872	X-MAN-ET	GBR 650181						
151HO00608	XAVI	DEU 1404050579						
1HO03873	Y-BROOKSIDE BW KILLENS-ET	USA 2293710						
11HO08249	Y-R-WE-I CLARIFY-ET	CAN 9452779						
1HO02524	Y-RUN JET STREAM RASCAL	USA 138644877	C					
	Y-WHISPER 5503-ET	USA 72044130			C			
	Y-WHISPER 5687-ET	USA 73956570						
	Y-WHISPER 572-ET	USA 73596583						
	Y-WHISPER BANGO-ET	USA 73596568						1
	Y-WHISPER DANGEROUS-ET	USA 73596566						
	Y-WHISPER DESTINED 5579	USA 72044206						
7HO12779	Y-WHISPER DRAKE-RED-ET	USA 73596565						
200HO10339	Y-WHISPER FUTURIST-ET	USA 142895342						
	Y-WHISPER O FAMOUS-ET	840003012664486						
	Y-WHISPER O FOUNDATION-ET	840003012664485						
	Y-WHISPER SPARK 261	840003129130325						
	Y-WHISPER TANGO FIGARO-ET	USA 142895360						
	Y-WHISPER TANGO FRANKO-ET	USA 142895351		C				
	YARD-O-UTE C45 LOCK-ET	USA 143463252						1
	YARD-O-UTE COLT45 LUTHER-ET	USA 72188673					C	1
	YARD-O-UTE LENNY-ET	USA 67188698						
	YARD-O-UTE LINCLON-ET	USA 67188697					C	
	YARD-O-UTE SUPER MISSLE	USA 72188674						
21HO01309	YARSONS IVANHOE TUXEDO-ET	USA 2021675						
1HO04486	YEARS-AHEAD B S BELLMAN	USA 2186432			C			
6HO00788	YLITALO MER RESPECT	USA 134509789						
	YONKMAN-S-D PUZZLE 1983	840003007300636						
	YONKMAN-S-D TOWNSEND 926	840003009141110						1
8HO01875	YOU-DALE TODD	USA 1991898						
	YOUELLDENE GAMBLER	CAN 6143613						
39HO00606	YOUELLDENE PRETIDE	CAN 5997813						
	YOUNGERWAY EPIC-ET	USA 2200776						
	YOUNGERWAY FAX-ET	USA 2196904	C					
	YROLGALT LIBERTY-ET	CAN 103585096						
200HO05834	YROLGALT LUCIUS-ET	CAN 104691962						
9HO00533	YULES-PRIDE ELEVATION ACE	USA 1685803						
	Z-HIGH CHOPS RADISH-ET	USA 74006375						
	Z-HIGH CHOPS RELISH-ET	USA 74006377						
	Z-HIGH CHOPS RIBEYE-ET	USA 74006379						
	Z-HIGH CHOPS RUBARB-ET	USA 74006376						
	Z-HIGH RACER RAMON-ET	USA 74006365						
202HO00875	ZABADAK-RED	NLD 733245581		C				
	ZAHBULLS 1STCLAS BLITZEN-ET	840003013279172						
	ZAHBULLS 1STCLASS TICKET-ET	840003013279161						
	ZAHBULLS AIRNET CLEAR-ET	USA 71441815						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZAHBULLS AIRNET GIMP-ET	USA 71441831						
	ZAHBULLS ALCHEMY TIMBER-ET	USA 71441832						1
11HO11425	ZAHBULLS ALTA1STCLASS-ET	USA 71441918						
11HO11349	ZAHBULLS ALTACUMULUS-ET	USA 71441816						
11HO11381	ZAHBULLS ALTAGALACTIC-ET	USA 71441851						
	ZAHBULLS BOWSER GROVER-ET	USA 69551550						
	ZAHBULLS BOWSER GUSH-ET	USA 69551551						
	ZAHBULLS BOXER COLLECT-ET	USA 69551534		C				
	ZAHBULLS CAMARO EDGE-ET	840003013279129						
	ZAHBULLS CAMERON GUSHER-ET	USA 71441842						
	ZAHBULLS COLT P APE-RED	USA 70514213						
	ZAHBULLS CP GAIN GROUPON-ET	840003013279148						
	ZAHBULLS DEFINE GAS-ET	USA 71441931						
	ZAHBULLS DEFINE GASP-ET	USA 71441945						
	ZAHBULLS DEFINE GENE-ET	USA 71441919						
	ZAHBULLS DEFINE GILBERT-ET	USA 71441938						
	ZAHBULLS DEFINE GORDON-ET	USA 71441917						
	ZAHBULLS DIAMOND CLARK-TW	840003013279020					C	
	ZAHBULLS DORCY GROAN-ET	USA 69551528						
200HO10071	ZAHBULLS E-TRADE-ET	USA 71441928						
	ZAHBULLS EPIC ELWOOD-ET	USA 71441837						
	ZAHBULLS EPIC ETSY-ET	USA 71441839						
	ZAHBULLS EPIC GATES CRI-ET	USA 71451805						
	ZAHBULLS EPIC GEO-ET	USA 71441836						
100HO11094	ZAHBULLS GOLDWYN ELI	USA 66595176						
200HO10244	ZAHBULLS GOOGLE-ET	840003013279021						
29HO16952	ZAHBULLS GOTCHA-ET	USA 71441876						
200HO10314	ZAHBULLS GOVERNOR-ET	840003013279045						
	ZAHBULLS GREENWAY CAB-ET	840003013279061						
	ZAHBULLS GREENWAY CARAT-ET	840003013279062						
	ZAHBULLS GREENWAY CHAN-ET	840003013279068						
	ZAHBULLS GREENWAY CONAN-ET	840003013279069						
	ZAHBULLS GREENWAY GLASS-ET	840003013279079						
7HO12623	ZAHBULLS GREENWAY GUMP-ET	840003013279066						
	ZAHBULLS GRNWAY GINSENG-ET	840003013279070						
	ZAHBULLS HALOGEN GARY-ET	840003013279043						
	ZAHBULLS HALOGEN GENERAL-ET	840003013279035						
7HO12523	ZAHBULLS HALOGEN GIANT-ET	840003013279031						
	ZAHBULLS IOTA CABO-ET	USA 70514168						
14HO06992	ZAHBULLS IOTA CASHEW-ET	USA 70514167						
29HO16556	ZAHBULLS IOTA CHESTER-ET	USA 70514171						
	ZAHBULLS IOTA CITRUS-ET	USA 70514164						
	ZAHBULLS JACEY CAFFEINE-ET	840003013279052						
	ZAHBULLS JACEY CLASSIC-ET	840003013279051						
	ZAHBULLS JACEY JULIAN-ET	840003013279145						

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	ZAHBULLS JACKMAN EYORE-ET	USA 71441986						
	ZAHBULLS JEROD BOB-ET	USA 71441994						
14HO07422	ZAHBULLS LATIMER ELLIS-ET	USA 71441952						1
	ZAHBULLS LATIMER ELTON-ET	USA 71441951						
14HO07366	ZAHBULLS LATIMER MIDWEST	USA 71441925						
	ZAHBULLS LAURIN ELECTRIC-ET	USA 66595175						
	ZAHBULLS LITTLETON EWING-ET	840003129781973						
	ZAHBULLS LITTLETON GQ-ET	840003128554213						
	ZAHBULLS MASCLSE ELEMENT-ET	USA 71441940						
	ZAHBULLS MASSEY 20388	USA 72237450						
	ZAHBULLS MASSEY ELI-ET	USA 71441933						
7HO12203	ZAHBULLS MCCUTCHEN GIL-ET	USA 71441877						
	ZAHBULLS MCCUTCHEN GRAY-ET	USA 71441878						
	ZAHBULLS MCCUTCHEN JOAB-ET	USA 71441880						
	ZAHBULLS MCCUTCHN GARETH-ET	USA 71441875						
76HO00698	ZAHBULLS MENTHOL-ET	USA 71441858						
	ZAHBULLS METEOR GARY-ET	USA 69551564						
	ZAHBULLS METEOR GIMME-ET	USA 69551566						
	ZAHBULLS MOGUL MENTHOS-ET	USA 71441859						
	ZAHBULLS MONTROSS GRILL-ET	840003013279118						
	ZAHBULLS NOMINEE JOE	840003013279108						
	ZAHBULLS O-COSMOPOLITN JACK	USA 71441902						
	ZAHBULLS O-STYLE ATTICUS	USA 70514209			C			
	ZAHBULLS PARTYROCK MINT-ET	840003013279109						
	ZAHBULLS PERSIA ABEL-RED-ET	USA 139342657						
7HO10362	ZAHBULLS PERSIA ADAM-RED-ET	USA 139342666						
	ZAHBULLS PETRONE GRIFFEN-ET	USA 71441879						
	ZAHBULLS PING PONG-ET	USA 66595248						
	ZAHBULLS PLATINUM GANNON-ET	840003013279009			C			
	ZAHBULLS PLATNM GUILFORD-ET	840003013279011			C		C	
	ZAHBULLS PLATO JAIME-ET	USA 69551561						
	ZAHBULLS PRENTICE BENTLEY	USA 66595246						
	ZAHBULLS PRENTICE TORINO	USA 66595247						1
	ZAHBULLS RACE SHOP-ET	840003013279144						
	ZAHBULLS RACER CAPPY-ET	840003013279080						
	ZAHBULLS RACER GIBSON-ET	840003013279073						
	ZAHBULLS RACER GORGE-ET	840003013279084						
	ZAHBULLS RACER GUFF-ET	840003013279065						
7HO11448	ZAHBULLS ROSS GATEWAY-ET	USA 69551536						
	ZAHBULLS S AIRBRUSH-RED-ET	USA 70514173						
	ZAHBULLS SHAMROCK CAL-ET	USA 70514222						
	ZAHBULLS SHAMROCK CLUB-ET	USA 70514225						
	ZAHBULLS SHAMROCK COUNT-ET	USA 70514217						
	ZAHBULLS SHAMROK CAPTURE-ET	USA 70514214						
	ZAHBULLS SUDAN COCONUT-ET	USA 71441811						

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	ZAHBULLS SUDAN COOPER-ET	USA 71441806						
	ZAHBULLS SUDAN CRITIC-ET	USA 71441810						
14HO06724	ZAHBULLS SUPER GAMBLE-ET	USA 69551497						
1HO10461	ZAHBULLS SUPER GEAR-ET	USA 69551498						
	ZAHBULLS SUPERSIRE CLARK-ET	USA 71441958						
	ZAHBULLS SUPERSONIC GIN-ET	USA 71441848						
	ZAHBULLS SYMPAT ALFRED-RED	840003013278992			C			
	ZAHBULLS TAILOR SAILOR-ET	840003129782074			C			
504HO04032	ZAHBULLS TRIGGER GILLIGAN	USA 69551514					C	
	ZAHBULLS YAHTZE-P GOTCHA-ET	840003130641511						
	ZAHBULLS YODER EASY-ET	840003128554216						
	ZAHBULLS YODER EXCEL-ET	840003128554217						
	ZAHBULLS YUENG CIRCUS-ET	USA 70514199						
	ZAHBULLS YUENGLING CANE-ET	USA 70514187						
200HO10088	ZAHBULS AVIATOR-ET	USA 72531549						
	ZANDAIRY RICKEY MAUD SUPER	USA 140727630						
11HO11330	ZANDENBURG ALTAUBISQUE	NLD 866671679						
200HO07493	ZANDENBURG MOTEGA-ET	NLD 767170370						1
	ZANDENBURG TORENTE	NLD 767170471						1
202HO00916	ZANDER-RED	NLD 545145466						
11HO10889	ZANI ALTA CENTO	ITA 17990836689						
11HO11246	ZANI ALTAZAROS-ET	ITA 17991012382						
97HO65353	ZANI BOLTON LEROY-ET	ITA 17990516793						
199HO00178	ZANI BOLTON MASCALESE-ET	ITA 17990516801						
200HO07615	ZANI FUOCO	ITA 17990926216						
210HO00144	ZANI OMAN AMERICAN	ITA 17990238454			C			
	ZANI PATRON STEP	ITA 912027420						
206HO00185	ZANI SHOTTLE NEAPOL-ET	ITA 17990516799						
198HO00187	ZANI WATHA MINNESOTA-ET	ITA 17990610437						
	ZBW BAY LIGHTNING BOLT-ET	840003126362534						
	ZBW DORCY LINGO-ET	USA 70071555						
	ZBW HOTSHOT LEMOYNE-ET	840003126362555					C	
	ZBW KINGBOY LOOKOUT-ET	USA 73845387						
	ZBW-FC DOMAIN TOREZ-ET	USA 70071533						
	ZBW-FC DOMAIN TRIAGE-ET	USA 70071534						
	ZBW-FC O-STEIN-ET	USA 70071582			C			
	ZBW-FC OBSERVER FLAG-ET	USA 70071553					C	
	ZBW-FC OBSERVER FLIGHT-ET	USA 70071554					C	
	ZBW-FC STAROCK-ET	USA 70071571						
	ZBW-JD LITHIUM WIND-ET	USA 70071612						
	ZBW-JD LITHIUM WITTY-ET	USA 70071614			C			
7HO12175	ZBW-JD MC WONKA-ET	USA 70071621			C			
	ZBW-JD MC WOODCREST-ET	USA 70071617						
7HO12174	ZBW-JD MCCUTCHEN WELLS-ET	USA 70071615						
	ZBW-JD SUDAN AZAR	USA 70071597						

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	ZBW-JP AT LARGE-ET	USA 66649688						
	ZBW-JP COL LUIGI-ET	USA 62535811						
	ZBW-JP GOLDCHIP DALLAS	USA 141955425						
14HO06859	ZBW-JP OBSERVER LENNON-ET	USA 70071552						
	ZBW-JP OBSERVER LINUS-ET	USA 70071538						
1HO10007	ZBW-JP S LUPE-ET	USA 66649658						
	ZBW-JP SUPER LOVER-ET	USA 66649693						
	ZBW-SHD BEACON DANDY-ET	USA 70083502						
	ZBW-SHD BEACON DEFIANT-ET	USA 70083500					C	
91HO04642	ZBW-SHD BEACON DELIVER-ET	USA 70083501					C	
	ZBW-SHD DOMAIN DEL-ET	USA 66962254						
1HO10601	ZBW-SHD DOMAIN DYMON-ET	USA 66962253						
	ZBW-SHD RAVISH DOUG-ET	USA 70083526						
204HO01025	ZECHER-ET	DEU 577604324						
11HO02833	ZEE-CAL COMMOTION-ET	USA 2038151						
7HO08430	ZEE-CAL PERSIA-RED-ET	USA 126024649						
	ZEEDIEKER LAWSER-ET	NLD 546068520						
	ZEEDIEKER LEO	NLD 546068481		C				
	ZEEDIEKER MAGIC P	NLD 571783083						
	ZEEDIEKER MON CHRIS P	NLD 546068607						
	ZEEDIEKER NETSUR-ET	NLD 546068544						
8HO02559	ZEHRLAND SUEX	USA 2089816						
	ZEHRSTEIN DEMPSEY LYNDON	USA 72421333						1
	ZENDI BOLTON 1453	USA 65861691						
	ZENDI BRADNICK 2432	USA 73297539						
	ZENDI BRENDA PORTICO	USA 73297593						
	ZENDI CHELIOS 2453	USA 73297560						
	ZENDI CHELIOS 2469	USA 73297576						
	ZENDI CLARK 2467	USA 73297574						
	ZENDI CLARK 2491	USA 73297598						
	ZENDI CONTRAST 2321	USA 72645528						3
	ZENDI DECLAN 2463	USA 73297570						
	ZENDI DECLAN 2514	USA 74020077						
	ZENDI DELUXE 2512	USA 74020075						
	ZENDI DEMPSEY 2442	USA 73297549						1
	ZENDI DEMPSEY 2506	USA 74020069						
	ZENDI EXHALE 11961-ET	840003133380268						
	ZENDI HEZTON 2494	USA 73297601					C	
	ZENDI MATSON 1883	USA 69825338						
	ZENDI MOGUL 2510	USA 74020073						
76HO50004	ZERAS NELSON-ET	CZE 682140061					C	
	ZERAS PLANETSTAR-ET	CZE 763227061						
206HO00202	ZIAL MILLION EJECT	ITA 20990558299						1
210HO00008	ZICOSTAR	ITA 1119012195						
29HO09235	ZIDANE-ET	ITA 601040506						

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	ZIEL-SKI OBSERVER	USA 71374826					C	
	ZIEL-SKI ROBUST REAPER-ET	USA 71374823						
1HO00967	ZIELLAND ZEBO	USA 2137511						
1HO06622	ZIEMS AMEL IAN-ET	USA 127447944						
200HO03186	ZIEMS INSPIRE-ET	USA 128227570						
	ZIEMS KINGBOY LUTHOR-ET	840003129141369						
	ZIEMS MIRACLE	USA 2107541						
14HO03578	ZIEMS MNFRD INVIGORATE-ET	USA 127860684						
	ZIEMS OCTFST FALLOUT BOY-ET	840003129141380						
	ZIEMS REDBURST REDFORD-RED	USA 71767711		C				2
	ZIEMS SUDAN LIONEL-ET	USA 71767698						
	ZIEMS SUPERSONIC LEONARDO	USA 71767701						
76HO00564	ZIEMS-EF EDITION	USA 137625769						
	ZIEMS-EF SANCHEZ EFFECT-ET	USA 64224323						
	ZIEMS-EF SANCHEZ ELECT-ET	USA 64224324						
	ZIGGY-VIEW CLT45 JIM-RED-ET	USA 142759237						
	ZIGGY-VIEW COLT 45 JEB-ET	USA 142759228						1
	ZIGGY-VIEW COLT 45 REB-ET	USA 142832598						1
	ZIGGY-VIEW COLT 45 REBEL-ET	USA 142832664						1
	ZIGGY-VIEW COLT 45 REGGY-ET	USA 142835564						
	ZIGGY-VIEW COLT 45 REX-ET	USA 142832600						1
14HO05407	ZIGGY-VIEW GOLDWYN BOONE-ET	USA 52316299						1
	ZIGGY-VIEW MAFLD WILFORD-ET	USA 142368358						
	ZIGGY-VIEW MAYFIELD CARSON	USA 142142770						
	ZIGGY-VIEW MAYFLD CADMAN-ET	USA 142144446			C			
	ZIGGY-VIEW MAYFLD CALLUM-ET	USA 142144455						
	ZIGGY-VIEW MAYFLD CARVEL-ET	USA 142144482			C			
	ZIGGY-VIEW RASCAL-RED-ET	USA 142900389						
	ZIGGY-VIEW SHAN SHEP	USA 142705153						
	ZIGGY-VIEW SHAN WILEY-ET	USA 142628209						
	ZIGGY-VIEW SHOTL WINDSOR-ET	USA 55617099					C	
203HO01120	ZIGGY-VIEW SHOTL WINSTON-ET	USA 55617098					C	
151HO00567	ZIGGY-VIEW SHOTLE WALKER-ET	USA 55617097						
14HO06470	ZIGGY-VIEW SHOTTLE WHISKEY	USA 55617096						
	ZIGGY-VIEW SUPER WILEY-ET	USA 56340424						
	ZIM-LEA WINDBROOK JERRY-ET	USA 71441564						1
200HO00610	ZIMMER ACQUIRE-ET	CAN 9956677	C					
200HO03818	ZIMMER APOLLO-ET	CAN 11183706	C					
200HO02848	ZIMMER ARCHIE-ET	CAN 11183712	C					
200HO02729	ZIMMER BUD LIGHT	CAN 9956684	C					
200HO10392	ZIMMER CROWNROYAL-ET	CAN 12049349						
200HO02978	ZIMMER WENDON CHARACTER-ET	CAN 11549833						
506HO00716	ZIMMER WENDON CHARIOT-ET	CAN 11549831						
	ZIMMERACRES BAXTER MINT-ET	USA 138862457						
14HO06566	ZIMMERACRES BOGRT DANIEL-ET	USA 140435553						3

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	ZIMMERACRES CM GARY	USA 142095470						
	ZIMMERACRES CM SILVER	USA 141753069						
	ZIMMERACRES DEFENDER TROY	USA 143043391						
	ZIMMERACRES DOBERMAN DAN	USA 141687449						
	ZIMMERACRES DORCY BERRY	USA 142582587			C			
	ZIMMERACRES DORCY DARVIN-TW	USA 142567131						3
	ZIMMERACRES EMERALD DIAMOND	USA 141803102	C					
	ZIMMERACRES EXPO DYNAMITE	USA 141410874						3
	ZIMMERACRES JO DELIGHT-ET	USA 143315193			C			
	ZIMMERACRES JO-S DUSTY-ET	USA 143372576			C			
200HO03462	ZIMMERACRES LANSLIDE-ET	USA 136087328						
29HO16384	ZIMMERACRES M-O-F DAVID-ET	USA 141367055			C			3
	ZIMMERACRES M-O-M STANLY	USA 141366812						
	ZIMMERACRES MACK DAN	USA 143086280						
	ZIMMERACRES MAN BARRY	USA 140704754						
	ZIMMERACRES MAN-O-MAN MIKE	USA 141369084						
	ZIMMERACRES MANIFOLD STAR	USA 142307823						
	ZIMMERACRES MASSEY SARGE	USA 142267929						
	ZIMMERACRES MILSON DENNY	USA 143219198						
	ZIMMERACRES MONTROSS DARVIN	USA 143191852						
29HO16039	ZIMMERACRES OTTO DABBLE	USA 140683479						
	ZIMMERACRES PREDESTINE DALE	USA 142644487						3
	ZIMMERACRES S-SIRE DARVIN	USA 143014113						
	ZIMMERACRES SHAMROCK DINO	USA 142271407						3
29HO16831	ZIMMERACRES SHANTY	USA 141846729						
	ZIMMERACRES SPARK RESTER	USA 143684581					C	
	ZIMMERACRES YODER DAN	USA 143667919			C			3
29HO01842	ZIMMERMAN ALSTAR PILOT	USA 1261857						
	ZIMMERVIEW ACTIVE JORGE-ET	USA 65466421						
7HO10901	ZIMMERVIEW ACTIVE NOBLE-ET	USA 66799537						
	ZIMMERVIEW ADIDAS 583-ET	USA 73926710						
	ZIMMERVIEW ADIDAS 639-ET	USA 73926766						
	ZIMMERVIEW ADIDAS 640-ET	USA 73926767						
	ZIMMERVIEW ADIDAS 641-ET	USA 73926768						
	ZIMMERVIEW ADRIAN 582-ET	USA 73926709						
	ZIMMERVIEW ADVANTGE 558-RED	USA 72967199						
	ZIMMERVIEW ALCO 683-ET	USA 74228154						
	ZIMMERVIEW ALCO 686-ET	USA 74228157						
	ZIMMERVIEW ALCO 687-ET	USA 74228158						
	ZIMMERVIEW ALDA SPYKER-ET	USA 72521986						
	ZIMMERVIEW ALEX SALSA-ET	USA 66799539						1
	ZIMMERVIEW ALEXANDER DUFOS	USA 66799534						1
	ZIMMERVIEW ALTAFAEVER-ET	USA 63748309						
	ZIMMERVIEW ALTAJETSET-ET	USA 63748295						
	ZIMMERVIEW ALTASPRNG 696-ET	USA 74228167						

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	ZIMMERVIEW ALTASPRNG 777-ET	840003131616597						
	ZIMMERVIEW ALTAWESTERN-ET	USA 63748298						
	ZIMMERVIEW ALTIVO 714-ET	840003132411284						
	ZIMMERVIEW ALTIVO 715-ET	840003132411285						
	ZIMMERVIEW ALTIVO 717-ET	840003132411287						
	ZIMMERVIEW ARMSTD BUFFER-ET	USA 65466420						
	ZIMMERVIEW ARMSTEAD TITO-ET	USA 65466417						
	ZIMMERVIEW AVERY KASE-ET	USA 70271442			C			1
	ZIMMERVIEW AVERY LELAND-ET	USA 70271438						1
	ZIMMERVIEW AVERY LUAN	USA 70271445			C			1
	ZIMMERVIEW BAXTER BEAVER-ET	USA 63748301						
7HO10069	ZIMMERVIEW BAXTER BROWSE-ET	USA 63748303						
	ZIMMERVIEW BAXTER LINDY-ET	USA 65466401						
	ZIMMERVIEW BAXTER WYNN-ET	USA 63748299						
	ZIMMERVIEW BAYONET 620	USA 73926747						
7HO07560	ZIMMERVIEW BLITZ JINTX-ET	USA 132537018						
7HO08855	ZIMMERVIEW BOLIVAR MCGEE	USA 61764558						
29HO14156	ZIMMERVIEW BOLTON VOSS-ET	USA 63748282						
	ZIMMERVIEW BOXER BIGSBY-ET	USA 68855237						
	ZIMMERVIEW BOXER ELTON-ET	USA 68855239						
	ZIMMERVIEW BRAXTON FONZI	USA 70271444	C					
7HO09101	ZIMMERVIEW BRITT DOMINO	USA 62281439						
1HO08927	ZIMMERVIEW BRITT VARSITY-ET	USA 62281443						
	ZIMMERVIEW BRODIE 682-ET	USA 74228153						
7HO06736	ZIMMERVIEW BUBBA LEWY-ET	USA 128650712	C					
	ZIMMERVIEW BURTON ANTON-ET	USA 70271430						
	ZIMMERVIEW BURTON CREEDE-ET	USA 70271435						
	ZIMMERVIEW BURTON TRAVER-ET	USA 70271429						
	ZIMMERVIEW CANDLE P 705-ET	840003132411275						
	ZIMMERVIEW CANDLE P 709-ET	840003132411279						
	ZIMMERVIEW CANDLE P 710-ET	840003132411280						
29HO09271	ZIMMERVIEW CELSIUS KURT	USA 17358517						
1HO02344	ZIMMERVIEW CHALLNGR ZANE-ET	USA 123901028						
	ZIMMERVIEW CHAMP 618-ET	USA 73926745						1
	ZIMMERVIEW CHAMP 627-RED-ET	USA 73926754						1
	ZIMMERVIEW CHAMP-P 628-ET	USA 73926755						1
	ZIMMERVIEW CHAMP-P 653-ET	USA 73926780						1
	ZIMMERVIEW COBRA BORIS-ET	USA 70271440			C			
	ZIMMERVIEW COBRA DUFF-ET	USA 70271439			C			
	ZIMMERVIEW COLBY LYDELL-ET	USA 65466397						
7HO10291	ZIMMERVIEW COLBY MERRICK-ET	USA 65466398		C				
	ZIMMERVIEW CRABTREE 541-ET	USA 72967182						
	ZIMMERVIEW CRABTREE 542-ET	USA 72967183						
	ZIMMERVIEW CRABTREE 544-ET	USA 72967185						
	ZIMMERVIEW CRABTREE 545-ET	USA 72967186						

**Male Carriers for Haplotypes Impacting Fertility on the Records of
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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW DAMARIS 672-ET	USA 74228143						
	ZIMMERVIEW DAVID-RED-ET	USA 68855234			C			
	ZIMMERVIEW DAVINCI 571	USA 73926698						
	ZIMMERVIEW DAY EATON-ET	USA 72521983						
	ZIMMERVIEW DAY ESSEX-ET	USA 72521984						
	ZIMMERVIEW DAY EXPRESS-ET	USA 72521987						
29HO10930	ZIMMERVIEW DEBUT STATUE-ET	USA 131685389						
	ZIMMERVIEW DELFINO 611	USA 73926738		C				
	ZIMMERVIEW DELFINO 629-ET	USA 73926756		C				
	ZIMMERVIEW DELFINO 630-ET	USA 73926757						
	ZIMMERVIEW DELFINO 631-ET	USA 73926758		C				
	ZIMMERVIEW DEMARCO 711	840003132411281						
	ZIMMERVIEW DEYJA 573-ET	USA 73926700						
29HO11473	ZIMMERVIEW DIEHARD DEANO	USA 61212198						
	ZIMMERVIEW DISTILLER 622	USA 73926749					C	
	ZIMMERVIEW DNTLO BRISTOL-ET	USA 72323993						
7HO11449	ZIMMERVIEW DOMAIN EVERT-ET	USA 68855244						
	ZIMMERVIEW DOMAIN MASSEY-ET	USA 68855245						
	ZIMMERVIEW DONATLO SHARP-ET	USA 72323991						
	ZIMMERVIEW DRACO 649-ET	USA 73926776						
1HO07386	ZIMMERVIEW DUTCHBOY JACK-ET	USA 132537335						
29HO11069	ZIMMERVIEW DUTCHBOY JOEL-ET	USA 132537344						
7HO09603	ZIMMERVIEW ELEGANT BRUT	USA 62827057						
	ZIMMERVIEW EMERALD 599-ET	USA 73926726						
	ZIMMERVIEW EMERALD 602-ET	USA 73926729						
	ZIMMERVIEW EMERALD 605-ET	USA 73926732						
7HO09481	ZIMMERVIEW ENCINO FORCE-ET	USA 62827060						
	ZIMMERVIEW ENTAIL 691-ET	USA 74228162						
	ZIMMERVIEW ENTAIL 704-ET	840003132411274						
	ZIMMERVIEW ENTAIL 706-ET	840003132411276						
	ZIMMERVIEW EPIC BRAD-ET	USA 71310539						
	ZIMMERVIEW EPIC PORTER	USA 71310555						
29HO11414	ZIMMERVIEW FIRST CLASS-ET	USA 61048661						
29HO11133	ZIMMERVIEW FORBDN ALEC-ET	USA 132791807						
7HO06330	ZIMMERVIEW FRED THURSTON-ET	USA 122231256						
	ZIMMERVIEW FREDDI GELBER-ET	USA 68855236						
29HO10214	ZIMMERVIEW GELPRO TOPAZ-ET	USA 128454147						
	ZIMMERVIEW GENALLY 632-ET	USA 73926759						
	ZIMMERVIEW GOLIATH-ET	USA 70271422						
29HO11073	ZIMMERVIEW GRANGER SETON-ET	USA 132536893						
	ZIMMERVIEW GREGARIOUS 574-ET	USA 73926701						
	ZIMMERVIEW GREGARIOUS 577-ET	USA 73926704						
	ZIMMERVIEW GREGARIOUS 578-ET	USA 73926705						
	ZIMMERVIEW GUN 661-ET	USA 74228132						
	ZIMMERVIEW GUN 662-ET	USA 74228133						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW GUN 663-ET	USA 74228134						
	ZIMMERVIEW GUN 664-ET	USA 74228135						
	ZIMMERVIEW HALOGEN 538-ET	USA 72967179						
	ZIMMERVIEW HALOGEN 539-ET	USA 72967180						
	ZIMMERVIEW HALOGEN 567-ET	USA 73926694						
	ZIMMERVIEW HALOGEN 569-ET	USA 73926696						
	ZIMMERVIEW HALOGEN 570-ET	USA 73926697						
	ZIMMERVIEW HAMLET 516-ET	USA 72967157						
	ZIMMERVIEW HEADLINER SILVER	USA 71310554						
	ZIMMERVIEW HEINZ 698-ET	USA 74228169						
	ZIMMERVIEW HEINZ 699-ET	USA 74228170						
	ZIMMERVIEW HEINZ 703-ET	840003132411273						
7HO12532	ZIMMERVIEW HENNING-ET	USA 72522011						
	ZIMMERVIEW HOTSHOT 677	USA 74228148						
	ZIMMERVIEW HOTSHOT 684-ET	USA 74228155						
	ZIMMERVIEW HOTSHOT 685	USA 74228156						
1HO11973	ZIMMERVIEW HOTSHOT ESCAPADE	USA 74228136					C	
	ZIMMERVIEW JABIR 509-ET	USA 72522010						
	ZIMMERVIEW JARDIN GALLIA-ET	USA 65466395				C		
	ZIMMERVIEW JAX-P 679-RED-ET	USA 74228150						
	ZIMMERVIEW JAX-P 680-RED-ET	USA 74228151						
	ZIMMERVIEW JAX-P 690-ET	USA 74228161						
	ZIMMERVIEW JEDIDIAH-RED-ET	USA 68855227			C			
7HO10555	ZIMMERVIEW JEEVES HANSEN-ET	USA 65466419						
	ZIMMERVIEW JETSET 521-ET	USA 72967162						
	ZIMMERVIEW JETSET 524-ET	USA 72967165						
	ZIMMERVIEW JETSET 525-ET	USA 72967166						
29HO14157	ZIMMERVIEW JETSTRM WALT-ET	USA 63748297						
	ZIMMERVIEW JOSE SKIP-ET	USA 63748293				C		
1HO10290	ZIMMERVIEW JOSIAH-RED-ET	USA 68855228						
29HO13329	ZIMMERVIEW KARBON	USA 62510180						
	ZIMMERVIEW KINGBOY 597-ET	USA 73926724						
	ZIMMERVIEW KRUNCH GRAND-ET	USA 72323999						
	ZIMMERVIEW KRUNCH GRAVEL-ET	USA 72323998						
	ZIMMERVIEW LABRON 579-ET	USA 73926706						
	ZIMMERVIEW LABRON 585-ET	USA 73926712						
29HO13197	ZIMMERVIEW LAUDAN VARGAS	USA 62062343						
	ZIMMERVIEW LAWNBOY-P R COBB	USA 66799541						
	ZIMMERVIEW LAYNE ANDY-ET	USA 71310542						
	ZIMMERVIEW LAYNE CLAY-ET	USA 70271448						
	ZIMMERVIEW LAYNE EAGLE-ET	USA 71310540						
	ZIMMERVIEW LAYNE EAST-ET	USA 72323986						
	ZIMMERVIEW LAYNE ECLIPSE-ET	USA 72323990						
	ZIMMERVIEW LAYNE ELLIOT-ET	USA 72323988						
	ZIMMERVIEW LIQUID GOLD 593	USA 73926720						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW LITHIUM DUVAL-ET	USA 71310550						
	ZIMMERVIEW LIVEWIRE 693	USA 74228164						
	ZIMMERVIEW LIVEWIRE 694	USA 74228165			C			
	ZIMMERVIEW LIVEWIRE 695	USA 74228166						
	ZIMMERVIEW LONG-P 528-ET	USA 72967169						
	ZIMMERVIEW LUCID DACIA-ET	USA 72521997			C			1
	ZIMMERVIEW LUCID HENNA-ET	USA 72521991			C			
	ZIMMERVIEW LUCID HENRY-ET	USA 72521994						
250HO12428	ZIMMERVIEW LUCID HONDA-ET	USA 72521990						
	ZIMMERVIEW LUCID HONOR-ET	USA 72521996						
	ZIMMERVIEW LUCID HUMMER-ET	USA 72521993			C			
	ZIMMERVIEW LUCID HUNTER-ET	USA 72521995						
	ZIMMERVIEW LUCID HUSTON-ET	USA 72521992			C			
	ZIMMERVIEW LWNBY HAL-RED-ET	USA 65466393						
7HO10292	ZIMMERVIEW LWNBY JUD-RED-ET	USA 65466391						
	ZIMMERVIEW LYNE ELLIOT-ET	USA 72323995						
7HO12396	ZIMMERVIEW M HAMPTON-ET	USA 72521969						
7HO09906	ZIMMERVIEW MAC ADLER-ET	USA 63748284						
	ZIMMERVIEW MAC BALDWIN-ET	USA 63748285						
29HO14054	ZIMMERVIEW MAC CUTLER-ET	USA 63748286						
	ZIMMERVIEW MAC DYSON-ET	USA 63748287						
	ZIMMERVIEW MAC HEENEY-ET	USA 63748290	C					
1HO02644	ZIMMERVIEW MAC WADE-ET	USA 63748296						
	ZIMMERVIEW MACK 502-ET	USA 72522003						
	ZIMMERVIEW MACK 503-ET	USA 72522004						
	ZIMMERVIEW MACK 504-ET	USA 72522005						
	ZIMMERVIEW MANOMAN ZERO-ET	USA 68855222						
	ZIMMERVIEW MANUEL-P 517-ET	USA 72967158						
	ZIMMERVIEW MANUEL-P 519-ET	USA 72967160						
	ZIMMERVIEW MANUEL-P 520-ET	USA 72967161						
	ZIMMERVIEW MARDIGRAS 580-ET	USA 73926707						
	ZIMMERVIEW MARDIGRAS 586-ET	USA 73926713						
	ZIMMERVIEW MARDIGRAS 588-ET	USA 73926715						
	ZIMMERVIEW MARDIGRAS 589-ET	USA 73926716						
	ZIMMERVIEW MARDIGRAS 590-ET	USA 73926717						
200HO02670	ZIMMERVIEW MARKUS-ET	USA 68855224						
7HO09203	ZIMMERVIEW MARSH FELIX-ET	USA 62510187	C					
	ZIMMERVIEW MASCAL 654-ET	USA 73926781						
	ZIMMERVIEW MASCALSE BOOM-ET	USA 72521981						
	ZIMMERVIEW MASCALSE BOYD-ET	USA 72324005						
	ZIMMERVIEW MASCLS BOBCAT-ET	USA 72521979						
	ZIMMERVIEW MASCLS BRUTUS-ET	USA 72324008						
	ZIMMERVIEW MASCLS DIESEL-ET	USA 72324010						
	ZIMMERVIEW MASCLSE BERK-ET	USA 72324009						
14HO07442	ZIMMERVIEW MASSEY HINDER-ET	USA 72521975						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW MAURCE DODGER-ET	USA 72324013						
	ZIMMERVIEW MAURICE DARAN-ET	USA 72521964						
	ZIMMERVIEW MAURICE DIEGO-ET	USA 72521962						
	ZIMMERVIEW MAURICE DIMIT-ET	USA 72324014						
	ZIMMERVIEW MAURICE DIRK	USA 72521965						
	ZIMMERVIEW MAXWELL-ET	USA 70271428						
	ZIMMERVIEW MAYFIELD EGG-ET	USA 70271454						
	ZIMMERVIEW MAYFIELD EVEN-ET	USA 70271453			C			
	ZIMMERVIEW MAYFIELD PAUL-ET	USA 71310534						
	ZIMMERVIEW MAYFIELD ZEAL-ET	USA 70271456			C			
	ZIMMERVIEW MCADET KELLER-ET	840003132117592						
	ZIMMERVIEW MCCOY-ET	USA 62827067						
	ZIMMERVIEW MCGRAW EDISON-ET	USA 73926695						1
	ZIMMERVIEW MEGAMAN ELI-ET	USA 65466432						
	ZIMMERVIEW MEGAMAN ROGAN-ET	USA 65466433						
	ZIMMERVIEW MERDIAN BLUFF-ET	USA 72324025						
	ZIMMERVIEW MERDIAN BRENT-ET	USA 72521976						
	ZIMMERVIEW MERDN BLENDER-ET	USA 72324027						
	ZIMMERVIEW MERIDIAN BOYD-ET	USA 72324028						
	ZIMMERVIEW MESORACO 594-ET	USA 73926721						
	ZIMMERVIEW MESORACO 595-ET	USA 73926722						
	ZIMMERVIEW MESORACO 596-ET	USA 73926723						
1HO02349	ZIMMERVIEW METRO TATE-ET	USA 123901309						
	ZIMMERVIEW MICHAEL JENS-ET	USA 65466414						
	ZIMMERVIEW MICHAEL LAKE-ET	USA 65466416						
	ZIMMERVIEW MIDNIGHT 532-ET	USA 72967173						
	ZIMMERVIEW MIDNIGHT 533-ET	USA 72967174						
	ZIMMERVIEW MIDNIGHT 534-ET	USA 72967175						
	ZIMMERVIEW MIDNIGHT 535-ET	USA 72967176						
	ZIMMERVIEW MIDNIGHT 536-ET	USA 72967177						
	ZIMMERVIEW MIDNIGHT 566	USA 73926693						
	ZIMMERVIEW MILES 513-ET	USA 72967154						
	ZIMMERVIEW MILES 514-ET	USA 72967155						
	ZIMMERVIEW MILL SQUIRT-ET	USA 66799533		C				
	ZIMMERVIEW MILLION SAMO-ET	USA 66799536		C				
	ZIMMERVIEW MNOSHAN STOKE-ET	USA 72324023						
	ZIMMERVIEW MNUEL 540-RED-ET	USA 72967181						
	ZIMMERVIEW MOGUL AUSTIN	USA 71310536						
	ZIMMERVIEW MOGUL BRICE-ET	USA 70271451						
7HO12195	ZIMMERVIEW MOGUL BUTLER-ET	USA 70271450						
	ZIMMERVIEW MOGUL DILBERT-ET	USA 70271452						
7HO12189	ZIMMERVIEW MOGUL DJANGO-ET	USA 70271449						
	ZIMMERVIEW MOGUL FLYNN-ET	USA 70271455						
	ZIMMERVIEW MOGUL MULE	USA 71310541						
	ZIMMERVIEW MONTEREY 616-ET	USA 73926743						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW MONTEREY 674-ET	USA 74228145						
	ZIMMERVIEW MORGAN BARAN-ET	USA 72324007					C	
	ZIMMERVIEW MORGAN BYRON-ET	USA 72324006					C	
	ZIMMERVIEW MORGAN BENTLEY-ET	USA 72324011						
	ZIMMERVIEW MRGAN BARCLAY-ET	USA 72324004						
	ZIMMERVIEW MULTITUDE 702	840003132411272						
	ZIMMERVIEW MUSC KODY-ET	840003132117574						
7HO12709	ZIMMERVIEW MUSTANG 575-ET	USA 73926702						
	ZIMMERVIEW NATHAN TAFT-ET	USA 63748277						
	ZIMMERVIEW NOMINEE 557	USA 72967198			C			
	ZIMMERVIEW NOMINEE 565	USA 73926692						
	ZIMMERVIEW OBSERVER AMEL-ET	USA 68855242						
	ZIMMERVIEW OBSERVER TAW-ET	USA 68855240						
	ZIMMERVIEW OCEAN PP 656-ET	USA 73926783						
	ZIMMERVIEW OCEAN PP 657-ET	USA 73926784						
	ZIMMERVIEW OCEAN PP 658-ET	USA 73926785						1
	ZIMMERVIEW OCEAN PP 659-ET	USA 73926786						1
	ZIMMERVIEW OCEAN PP 660-ET	USA 73926787						1
	ZIMMERVIEW OCEAN PP 667-ET	USA 74228138						
	ZIMMERVIEW OCEAN PP 668-ET	USA 74228139						
	ZIMMERVIEW OCEAN PP 669-ET	USA 74228140						1
	ZIMMERVIEW OCEAN PP 670-ET	USA 74228141						1
	ZIMMERVIEW OCEAN PP 671-ET	USA 74228142						
	ZIMMERVIEW OCEAN PP 673-ET	USA 74228144						1
	ZIMMERVIEW OCEAN-PP 666-ET	USA 74228137						1
1HO07385	ZIMMERVIEW ORION SAUL-ET	USA 132036610						
	ZIMMERVIEW OTTAWA ROBY-ET	USA 63748279						
	ZIMMERVIEW OVERTIME-P 546	USA 72967187						
	ZIMMERVIEW PARTYROCK 555	USA 72967196						
	ZIMMERVIEW PEPPER 700	USA 74228171						
	ZIMMERVIEW PETRNE GLANCE-ET	USA 72324003						
	ZIMMERVIEW PETRONE BIG DOG	USA 70271446						
	ZIMMERVIEW PETRONE GUSTO-ET	USA 72324002						
	ZIMMERVIEW PING DENNIS-ET	USA 68855241						
	ZIMMERVIEW PING QUENTIN-ET	USA 66799547						
29HO11377	ZIMMERVIEW PIPPEN REVERE-ET	USA 61129746						
	ZIMMERVIEW PLANET RANSOM-ET	USA 66799535						
7HO10067	ZIMMERVIEW PONTIAC GORDY-ET	USA 63748288						
	ZIMMERVIEW PONTIAC POWELL	USA 63748291						
1HO08870	ZIMMERVIEW POTTER EDDY-ET	USA 62281427						
	ZIMMERVIEW POWERBALL 634-ET	USA 73926761						
	ZIMMERVIEW POWERBALL 636-ET	USA 73926763						
	ZIMMERVIEW POWERBALL 637-ET	USA 73926764						
	ZIMMERVIEW POWERBALL 642-ET	USA 73926769					C	
	ZIMMERVIEW POWERBALL 643-ET	USA 73926770						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW POWERBALL 645-ET	USA 73926772						
	ZIMMERVIEW POWERBALL 646-ET	USA 73926773						
	ZIMMERVIEW POWERBALL 647-ET	USA 73926774						
	ZIMMERVIEW POWERBALL 650-ET	USA 73926777					C	
	ZIMMERVIEW POWERBALL 652-ET	USA 73926779					C	
	ZIMMERVIEW POWERBALL 655-ET	USA 73926782						
	ZIMMERVIEW POWERBALL 681-ET	USA 74228152						
	ZIMMERVIEW POWERBALL 697-ET	USA 74228168						
	ZIMMERVIEW POWERBLL 635-ET	USA 73926762						
	ZIMMERVIEW PRDSTINE GYRO-ET	USA 72324019						
	ZIMMERVIEW PRDSTNE DIGIT-ET	USA 72324017						
	ZIMMERVIEW PRDSTNE GABEL-ET	USA 72324015						3
	ZIMMERVIEW PRDTN GUNTHER-ET	USA 72324020						3
	ZIMMERVIEW PREDSTN BRUCE-ET	USA 72324030						3
	ZIMMERVIEW PRONTO FREEZE-ET	USA 63748313						
7HO10385	ZIMMERVIEW PRONTO NIBERT-ET	USA 65466400						
7HO10294	ZIMMERVIEW PRONTO ROCKS-ET	USA 65466390						
7HO10293	ZIMMERVIEW PRONTO TRAIN-ET	USA 65466399						
	ZIMMERVIEW PULSAR 619-ET	USA 73926746						
	ZIMMERVIEW PULSAR 621-ET	USA 73926748						
	ZIMMERVIEW PULSAR 625-ET	USA 73926752						
	ZIMMERVIEW RAMCHARGER-ET	USA 72521978						
	ZIMMERVIEW RAMIRO-ET	USA 70271423						
	ZIMMERVIEW RAMOS BOYER-ET	USA 63748311	C					
	ZIMMERVIEW RAMOS CANCEL-ET	USA 63748305						
	ZIMMERVIEW RAMOS CLARK-ET	USA 63748308						
29HO14485	ZIMMERVIEW RAMOS DIVIDE-ET	USA 65466402						
	ZIMMERVIEW RAMOS DUCAS-ET	USA 63748306						
7HO09905	ZIMMERVIEW RAMOS HARLEY	USA 63748289						
	ZIMMERVIEW RAMOS KINCAID	USA 65466404						
	ZIMMERVIEW RAMOS LEON-ET	USA 63748307						
	ZIMMERVIEW RAMOS NEWTON-ET	USA 63748281						
	ZIMMERVIEW RAMOS PORTER-ET	USA 65466403						
	ZIMMERVIEW RAMOS SCRUGGS-ET	USA 63748304						
7HO10070	ZIMMERVIEW RAMOS VOLTAGE-ET	USA 63748310	C					
1HO07384	ZIMMERVIEW RCMARSH JULES-ET	USA 132245119						
	ZIMMERVIEW REBEL 556-ET	USA 72967197					C	
	ZIMMERVIEW REFLECTOR 549-ET	USA 72967190						
	ZIMMERVIEW RELIEF BOSCH-ET	USA 72521989						
	ZIMMERVIEW RELIEF-P 507-ET	USA 72522008						
29HO13746	ZIMMERVIEW RINGLEADER-ET	USA 62827074						
	ZIMMERVIEW RODGERS 612-ET	USA 73926739						
	ZIMMERVIEW RODGERS 614-ET	USA 73926741						
29HO09797	ZIMMERVIEW RUBYTOM SERGE-ET	USA 122230509						
	ZIMMERVIEW SALVATORE 501-ET	USA 72522002						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW SALVATORE 511	USA 72967152						
	ZIMMERVIEW SALVATORE HEY-ET	USA 72522001						
	ZIMMERVIEW SANDY CARLOS-ET	USA 65466426						
	ZIMMERVIEW SATCHEL SIMBA-ET	USA 72521974						
14HO03082	ZIMMERVIEW SHALLET EAST-ET	USA 17309760						
	ZIMMERVIEW SHAMROCK BEAU-ET	USA 70271431						
	ZIMMERVIEW SHAMROCK BOND-ET	USA 70271433						
	ZIMMERVIEW SHAMROCK LYON-ET	USA 70271432						
	ZIMMERVIEW SHAMROCK MEAD-ET	USA 70271434						
7HO09604	ZIMMERVIEW SHARKY DOC-ET	USA 62827065						
29HO13215	ZIMMERVIEW SHEBOYGAN-ET	USA 62062345						
	ZIMMERVIEW SHKSPEAR 512-ET	USA 72967153						
	ZIMMERVIEW SHOT OKIE-ET	840003132117586						
	ZIMMERVIEW SHOTGLSS BENZ-ET	USA 72324016						
	ZIMMERVIEW SHOTGLSS GAGE-ET	USA 72324029						
1HO09123	ZIMMERVIEW SHOTTLE JT-ET	USA 62510183						
14HO05713	ZIMMERVIEW SHRKY SESSION-ET	USA 62827070						
	ZIMMERVIEW SHTGLS BARTON-ET	USA 72324021						
	ZIMMERVIEW SHTGLS BAXTER-ET	USA 72324022						
	ZIMMERVIEW SHTGLS GERKEN-ET	USA 72521967						
	ZIMMERVIEW SHTGLS GOPHER-ET	USA 72521970						
	ZIMMERVIEW SHTGLS GROVER-ET	USA 72521966						1
7HO12312	ZIMMERVIEW SHTGLSS BATES-ET	USA 72324026						
	ZIMMERVIEW SHTGLSS BYRON-ET	USA 72324024						
	ZIMMERVIEW SHTGLSS GUESS-ET	USA 72521972						1
	ZIMMERVIEW SHTGLSS JAXON-ET	USA 72324031						
	ZIMMERVIEW SHTGS GILBERT-ET	USA 72521973						1
	ZIMMERVIEW SNOWMBIL EARL-ET	USA 72521980			C			
	ZIMMERVIEW SNWMB BUGATTI-ET	USA 72521988			C			
	ZIMMERVIEW SNWMBL BATES-ET	USA 72521985						
	ZIMMERVIEW SNWMBL JAGUAR-ET	USA 72522000						
	ZIMMERVIEW SOCRATES OLIN-ET	USA 65466418						
	ZIMMERVIEW SOCRATES SHAE-ET	USA 65466431						
	ZIMMERVIEW SPNV TYGART-RED	USA 72323996						1
	ZIMMERVIEW SPRSR SPRITE-ET	USA 71310556						
7HO09480	ZIMMERVIEW SQUIRE-ET	USA 62827051						
	ZIMMERVIEW STIOC 633-ET	USA 73926760						
	ZIMMERVIEW STOIC 581-ET	USA 73926708						
1HO11942	ZIMMERVIEW STOIC DR WHO-ET	USA 73926753						
	ZIMMERVIEW SUPER DANIEL-ET	USA 68855231						
	ZIMMERVIEW SUPER GIDEON-ET	USA 68855232						
	ZIMMERVIEW SUPER JONAH-ET	USA 68855230						
	ZIMMERVIEW SUPERSIRE 505	USA 72522006						
	ZIMMERVIEW SUPERSIRE 526	USA 72967167						
	ZIMMERVIEW SUPERSIRE CHASER	USA 71310553						

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Stud Code	Name	Registration	HH1	HH2	HH3	HH4	HH5	HCD
	ZIMMERVIEW SUPRSIR BREW-ET	USA 72323983						
	ZIMMERVIEW SUPRSRE BLEND-ET	USA 72323982						
	ZIMMERVIEW SYMPTCO DUSTY-ET	USA 72324012			C			
	ZIMMERVIEW TALLIS 675	USA 74228146						
	ZIMMERVIEW TATUM 587-ET	USA 73926714		C				
	ZIMMERVIEW TATUM 607-ET	USA 73926734		C				
7HO06329	ZIMMERVIEW TERRY MICAH-ET	USA 123901000						
	ZIMMERVIEW TESLA 688-ET	USA 74228159						
	ZIMMERVIEW TESLA 689-ET	USA 74228160		C				
	ZIMMERVIEW TESLA 692-ET	USA 74228163						
	ZIMMERVIEW TESLA 712-ET	840003132411282						
1HO08708	ZIMMERVIEW TITANIC ARLO	USA 61764549						
7HO12657	ZIMMERVIEW TOMEK 562-ET	USA 73926689		C				
1HO07558	ZIMMERVIEW TOY STATS-ET	USA 132537072						
29HO14155	ZIMMERVIEW TREK-ET	USA 63748294						
	ZIMMERVIEW TROY 598-ET	USA 73926725						
	ZIMMERVIEW TROY 600	USA 73926727						
	ZIMMERVIEW TROY 601-ET	USA 73926728						
	ZIMMERVIEW TROY 603-ET	USA 73926730						
	ZIMMERVIEW TROY 609	USA 73926736						
	ZIMMERVIEW TROY 613	USA 73926740						
	ZIMMERVIEW UNO CEASAR-ET	USA 71310546						
	ZIMMERVIEW UNO CHANCE-ET	USA 71310549						
	ZIMMERVIEW UNO CHEVY-ET	USA 71310547						
	ZIMMERVIEW UNO COLTON-ET	USA 71310545						
	ZIMMERVIEW UNO DOZER-ET	USA 71310552						
	ZIMMERVIEW URIAH-RED-ET	USA 68855226						
	ZIMMERVIEW VOTTO 591-ET	USA 73926718						
	ZIMMERVIEW VOTTO 592-ET	USA 73926719						
	ZIMMERVIEW VOTTO 638-ET	USA 73926765						
1HO02358	ZIMMERVIEW WELLS STUART-ET	USA 122230536						
7HO12658	ZIMMERVIEW WIDMER 560-ET	USA 72967201						
	ZIMMERVIEW WINDSOR 527-ET	USA 72967168						
	ZIMMERVIEW WINDSOR 529-ET	USA 72967170						
	ZIMMERVIEW WONKA 548-ET	USA 72967189						
	ZIMMERVIEW WONKA 551-ET	USA 72967192			C			
	ZIMMERVIEW WONKA 552-ET	USA 72967193						
	ZIMMERVIEW WONKA 553-ET	USA 72967194			C			
7HO12708	ZIMMERVIEW WONKA LOYOLA-P	USA 73926711						
	ZIMMERVIEW WRENCH ANDERSON	USA 70271418						
	ZIMMERVIEW YODER 623-ET	USA 73926750						
	ZIMMERVIEW YODER 624-ET	USA 73926751						
14HO07735	ZIMMERVIEW ZINGER-ET	USA 73926742						
	ZIMMY-LAND AXF MAJOR-RED-ET	USA 73535716						
	ZINNIA-P GOLDEN GRAHAM	USA 72162113						

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	ZINNIA-P ZANGO-ET	USA 72727305		C				
	ZINNIA-P ZEPPELIN-ET	USA 72727318						
	ZIPPER	DEU 350382002						
	ZOBELS CRAZY U GENE	USA 126478822						
	ZOBELS WILD U GENE-RED	USA 126478831						1
	ZONNEVELD 8 BALL	USA 70142782						
	ZONNEVELD ALTAEASYJET	USA 140217469						
	ZONNEVELD ALTAZWAVE	USA 70969813						
	ZONNEVELD ASTEROID 61196	USA 70969792						
	ZONNEVELD BABYLON	USA 140735831						
	ZONNEVELD BIG AL	USA 70142793						
	ZONNEVELD BOJAX 57172	USA 70142800						
	ZONNEVELD BONDSMAN	USA 70969780						
	ZONNEVELD BOO 59561	USA 70969775						
	ZONNEVELD BOOKIE 59269	USA 70969772						
	ZONNEVELD BOOTLEGGER 61820	USA 70969801						
	ZONNEVELD BOSTON 57912	USA 70142808						
	ZONNEVELD BRICKHOUSE 57296	USA 70142801						
	ZONNEVELD BRITTANICA	USA 70142796						
	ZONNEVELD BROKER 59125	USA 70969767						
	ZONNEVELD CALIFORNIA 62208	USA 70969800						
	ZONNEVELD COLTRANE	USA 70142765						
100HO11396	ZONNEVELD COMMENCE	USA 140831902			C			
	ZONNEVELD COOLIO	USA 70142766						
	ZONNEVELD COVERT	USA 70142794						
	ZONNEVELD DEMETER	USA 70969787						
	ZONNEVELD DEMETER II	USA 70969788						
	ZONNEVELD DETROIT TIGER	USA 70142785						
	ZONNEVELD DEVIL-RED	USA 70969799						
	ZONNEVELD EL DUQUE 61991	USA 70969803						
	ZONNEVELD ELLIOT	USA 70142788						
	ZONNEVELD ESQUISITE	USA 70142767						
100HO11326	ZONNEVELD EVERLAST	USA 140831948						
	ZONNEVELD FLAPJACK-RED	USA 70969864						
	ZONNEVELD FLYIN HAWAIIAN	USA 70969785			C			
	ZONNEVELD FORCE 58366	USA 70969760						
	ZONNEVELD FOREMOST 58832	USA 70969761						
	ZONNEVELD FORTNIGHT 59088	USA 70969768	C					
100HO10719	ZONNEVELD FORTUNE	USA 137656051						
	ZONNEVELD FRACTAL 59228	USA 70969769						
	ZONNEVELD FREEDOM 58541	USA 70969759						
	ZONNEVELD FREEZEMAN 59371	USA 70969774						
	ZONNEVELD GO LONG 59148	USA 70969771						
	ZONNEVELD GOALKEEPER	USA 70142790						
	ZONNEVELD GRAND PRIX 57849	USA 70969757						

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	ZONNEVELD GRANDIOSO	USA 70142786						
	ZONNEVELD GREAT WHITE 61788	USA 70969804			C			
	ZONNEVELD HAMMERHEAD 57905	USA 70142806						
	ZONNEVELD HANDY 57790	USA 70142807						
	ZONNEVELD HEAVY DUTY	USA 70142781					C	
	ZONNEVELD HIPSTER 58422-TW	USA 70969765			C			
	ZONNEVELD HUGO 57845	USA 70142813						
	ZONNEVELD ICEMAN 58751	USA 70969763						
	ZONNEVELD INVESTMENT	USA 140770188						
	ZONNEVELD JALEPEN0 59594	USA 70969777						
	ZONNEVELD JAMAL 58532	USA 70969756						
	ZONNEVELD JARETT 58169	USA 70969755						
	ZONNEVELD JARHEAD 57922	USA 70142810						
	ZONNEVELD JUGGLER 59148	USA 70969770						
	ZONNEVELD JUNIPER 61825	USA 70969802						
	ZONNEVELD KARATE 57344	USA 70142802						
	ZONNEVELD KEMBO 61123	USA 70969789						
	ZONNEVELD KINGPIN-TW	USA 140732016						
	ZONNEVELD LOOKER	USA 70142795			C			
	ZONNEVELD LOOPER 57206	USA 70142799						
	ZONNEVELD LUCKOTHE IRISH-TW	USA 70969778						
	ZONNEVELD LUKE	USA 140217478						
	ZONNEVELD MANNY RAMIREZ	USA 70142780			C			
	ZONNEVELD MARBLES	USA 70142779						
100HO10859	ZONNEVELD MAXIMUS	USA 138139843						
	ZONNEVELD MCFINNEGAN	USA 70969784						
	ZONNEVELD MCGRUBER	USA 70142789						
	ZONNEVELD MCGRUFF	USA 70142787						
	ZONNEVELD MEATBALL 61512	USA 70969797						
	ZONNEVELD MICHAEL	USA 140217487						
	ZONNEVELD MILLION BUCKS	USA 140423581			C			
100HO11269	ZONNEVELD MILLION LEONA	USA 140326428		C	C			
	ZONNEVELD MILLION ZILLION	USA 140560295						
	ZONNEVELD MOSE	USA 70969786			C			
	ZONNEVELD MT WHITNEY 61775	USA 70969805						
100HO10902	ZONNEVELD MYSTICAL	USA 138786205						
	ZONNEVELD NUMERO UNO 57675	USA 70142812						
	ZONNEVELD OBSERVATION	USA 70142792						
	ZONNEVELD OCALLAHAN-TW	USA 70969779						
	ZONNEVELD OL MILLION	USA 140423572			C			
	ZONNEVELD OPUS	USA 70142797						
100HO11455	ZONNEVELD OSHEA	USA 70969781						
100HO10526	ZONNEVELD OSIRIS	USA 140201608						
	ZONNEVELD PEACEKEEPER 61223	USA 70969791			C			
100HO10858	ZONNEVELD PRINCE	USA 138249380	C					

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	ZONNEVELD RACKEM 57871	USA 70142809						
	ZONNEVELD REAL DEAL 57658	USA 70142811						
	ZONNEVELD REDDOG	USA 70969783						
100HO10756	ZONNEVELD REMARK TOTO	USA 137656079	C					
	ZONNEVELD ROCKFORD 61240-TW	USA 70969794						
	ZONNEVELD ROCKPORT 61241-TW	USA 70969795						
	ZONNEVELD ROLLIE POLLIE	USA 70142791						
100HO11325	ZONNEVELD SHINE DOWN	USA 140732007						
	ZONNEVELD SHOCK N AWE	USA 70142768						
	ZONNEVELD SHOCKER SHOCK TOP	USA 140560307						
	ZONNEVELD SNIPER 61111	USA 70969798						
	ZONNEVELD SPACEMAN	USA 140163368					C	
	ZONNEVELD SUSTAIN 59535	USA 70969773						
	ZONNEVELD SWOOP	USA 70969782						
	ZONNEVELD THRILLER 61222	USA 70969796						
	ZONNEVELD TSUNAMI 61452	USA 70969793						
	ZONNEVELD VALIANT	USA 140770197						
	ZONNEVELD ZVELD	840003011895007						
	ZUGGYS J&E ARSON MOGUL-ET	840003132632816						1
204HO00416	ZUNDER	DEU 820416						
	ZV-KB ARMSTEAD CHARGE-ET	USA 65466438						
	ZV-KB ARMSTEAD LLOYD-ET	USA 65466439						