



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

PEAK ALTAKARMA-ET P9 140K GTPI 78%R
 840003133371421 99%RHA-I TR TC TY TV TL +2606 G

PTA +1289M +67F +45P 79%R 4/2018
 PTA +788NM +.07%F +.02%P 100%US
 PTA +6.9PL 2.88SCS +2.0DPR 3.8%DCE
 PTA +1.45T +2.90UDC +.83FLC 78%R 4/2018
 PTA +157FE +2.6FI 6.6%SCE

ALTA GENETICS, INC.
 1 - 263090 RANGE ROAD 11
 ROCKY VIEW COUNTY AB, T4B 2T3
 CANADA
 403/226-0666

MOUNTFIELD SSI DCY MOGUL-ET 50K GTPI 99%R
 840003006972816 100%RHA-NA TR TP TC TY +2423 G
 7-00 93 EEVE GM 8/15 06/22/2010

PTA +1215M +78F +39P 99%R 4/2018
 PTA +591NM +.12%F +.01%P 66%US
 PTA +2.6PL 2.98SCS -2.1DPR 3.8%DCE
 PTA +2.20T +3.09UDC +2.25FLC 99%R 4/2018

WESTENRADE CARRERA 77K GTPI 82%R
 NLD 931730982 99%RHA-I TL TD +2003 G
 03/28/2011

PTA +1110M +32F +45P 83%R 4/2018
 PTA +286NM -.03%F +.04%P
 PTA +.9PL 3.12SCS -1.4DPR 7.7%DCE
 PTA +.77T +.80UDC +.52FLC 80%R 4/2018

WESTENRADE ALTASPRING P9 77K GTPI 97%R
 NLD 949033666 99%RHA-I TR TP TC TY TV +2575 G
 02/22/2013

PTA +1098M +80F +50P 99%R 4/2018
 PTA +678NM +.14%F +.06%P 61%US
 PTA +3.7PL 2.99SCS -.2DPR 3.9%DCE
 PTA +2.17T +3.05UDC +1.39FLC 98%R 4/2018
 PTA +173FE +0.8FI 8.5%SCE

EDG CC KARAT-ET 77K GTPI 82%R
 840003013023058 100%RHA-NA TC TY TV TL +2508 G
 3-02 88 VEVVV DOM 08/02/2013

PTA +1300M +58F +48P 82%R 4/2018
 PTA +746NM +.03%F +.03%P
 PTA +6.6PL 2.86SCS +1.5DPR 4.6%DCE
 PTA +1.08T +1.96UDC +.53FLC 83%R 4/2018
 PTA +156FE +2.3FI 5.8%SCE
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-05 2 305 27680 94 3.8 1060 3.2 885 94
 365 33550 94 3.9 1302 3.3 1097 94

FARNEAR-TBR-BH CASHCOIN-ET 50K GTPI 98%R
 USA 70354884 100%RHA-NA TR CD TP TY TV +2206 G
 07/25/2011

PTA +627M +34F +26P 99%R 4/2018
 PTA +550NM +.04%F +.02%P 49%US
 PTA +6.2PL 2.79SCS +.3DPR 5.7%DCE
 PTA +.86T +2.33UDC -.55FLC 98%R 4/2018

SANDY-VALLEY ROBUST RUBY-ET 50K GTPI 90%R
 USA 69998487 100%RHA-NA +2550 G
 6-04 90 VEVEV 01/28/2011

PTA +1841M +84F +65P 91%R 4/2018
 PTA +772NM +.05%F +.03%P
 PTA +5.1PL 3.09SCS +.3DPR 4.2%DCE
 PTA +1.17T +.65UDC +1.46FLC 90%R 4/2018
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 * 2-04 2 305 29450 87 3.2 950 3.1 916 87X
 *** 6-00 3 305 34380 101 3.3 1142 3.1 1082 83
 336 37140 101 3.4 1248 3.2 1181 83

COYNE-FARMS DORCY-ET +2275 G
 USA 139005002 100%RHA-NA BY TC TV TL TD
 4-09 87 VVV+ 09/17/2007
 PTA +1316M +25F +37P 99%R 4/2018
 PTA +470NM -.08%F -.01%P 29%US
 PTA +1.82T +3.00UDC +1.57FLC 99%R 4/2018

MOUNTFIELD MARSH MAXINE-ET 50K GTPI 92%R
 USA 62784081 100%RHA-NA +2024 G
 2-07 88 VV+VE DOM 04/23/2006
 PTA +224M +69F +25P 92%R 4/2018
 PTA +1.17T +1.07UDC +1.29FLC 92%R 4/2018
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-03 2 159 14320 4.3 611 3.2 454

SCHILLVIEW OMAN GERARD-ET +2000 G
 USA 52805723 100%RHA-NA TC TY TV TL TD
 6-09 94 EEEE GM 12/11 02/27/2005
 PTA +1305M +20F +49P 99%R 4/2018
 PTA +195NM -.10%F +.03%P 29%US
 PTA +1.55T +1.79UDC +.89FLC 99%R 4/2018

WEH JENNA 50K GTPI 83%R
 DEU 350131380 99%RHA-I +1910 G
 07/21/2006
 PTA +591M +15F +33P 87%R 4/2018
 PTA -.33T +.19UDC +.29FLC 77%R 4/2018

DE-SU OBSERVER-ET +2117 G
 USA 65917481 100%RHA-NA TR TP TY TV TL
 6-10 91 EEEV GM 12/14 11/07/2008
 PTA +931M +13F +26P 99%R 4/2018
 PTA +402NM -.08%F -.01%P 70%US
 PTA +1.39T +2.34UDC -.20FLC 99%R 4/2018

MS CHASSITY GOLDWYN CASH-ET 50K GTPI 87%R
 USA 140175910 100%RHA-NA +1958 G
 CAN 02Y VG 87 09/02/2009
 PTA -54M +44F +11P 88%R 4/2018
 PTA +1.00T +.77UDC +.40FLC 86%R 4/2018

ROYLANE SOCRA ROBUST-ET +2504 G
 USA 64966739 100%RHA-NA TR TV TL TD
 3-03 88 VVVV GM 8/15 12/23/2008
 PTA +973M +73F +44P 99%R 4/2018
 PTA +766NM +.13%F +.05%P 98%US
 PTA +.67T +1.23UDC +1.56FLC 99%R 4/2018

SANDY-VALLEY PLANE SAPPHIRE 50K GTPI 92%R
 USA 66454736 100%RHA-NA TY +2092 G
 2-03 87 VV+VV GMD 05/22/2009
 PTA +2423M +37F +60P 93%R 4/2018
 PTA +1.73T +.08UDC +.46FLC 92%R 4/2018
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-00 2 305 33470 95 3.3 1111 2.8 930 95
 365 39130 95 3.3 1301 2.8 1101 95

SANDY-VALLEY BOLTON-ET +1894 G
 USA 131823833 100%RHA-NA BY TV TL
 5-11 90 EE+V GM 4/11 09/11/2001

COYNE-FARMS BRET DAFFERS-ET +2071 G
 USA 61319723 100%RHA-NA CV
 5-07 91 EV+EE DOM 07/26/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 3-01 3 365 34280 99 4.4 1504 3.1 1068 91

PASEN MARSH-ET +1666 G
 USA 130312332 100%RHA-NA TR TY TV TL
 07/21/2000
 PTA +300M +9F +7P 99%R 4/2018
 PTA +.58T +1.21UDC +1.05FLC 99%R 4/2018

PINE-TREE MISSY MIRANDA-ET +2022 G
 USA 61733095 100%RHA-NA
 4-03 86 VVV+V DOM 05/01/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1539 122890 4.5 5535 3.6 4482

O-BEE MANFRED JUSTICE-ET +1935 G
 USA 122358313 100%RHA-NA TR TV TL TD
 7-07 94 EEEE GM 12/11 03/08/1998

SCHILLVIEW MARSH GLASH-ET +1616 G
 USA 50546487 100%RHA-NA CV TL
 6-00 89 VVVVE DOM 01/05/2001
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-02 2 365 29790 99 4.7 1386 3.5 1029 99

MASCOL-ET +1945 G
 DEU 578891748 100%RHA-NA TV TL
 GM 4/11 07/13/2000
 PTA +56M +29F +23P 99%R 4/2018
 PTA -.33T -.37UDC +.41FLC 98%R 4/2018

NOG JESSICA 10 +1772 G
 DEU 348613182 99%RHA-I TV
 08/12/2004

ENSENADA TABOO PLANET-ET +2052 G
 USA 60597003 100%RHA-NA TR TP TY TV TL
 14-03 92 EEEV GM 12/13 03/03/2003

DE-SU OMAN 6121-ET +1844 G
 USA 61681442 100%RHA-NA TL
 2-08 86 VV+VV GMD DOM 03/02/2004
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-01 3 365 34770 99 4.3 1505 3.2 1108 86

BRAEDALE GOLDWYN +1853 G
 CAN 10705608 100%RHA-NA CD TY TV TL
 CAN 08Y GP 84 GM 12/11 01/03/2000
 PTA -334M +13F +2P 99%R 4/2018
 PTA +1.72T +1.44UDC +1.35FLC 99%R 4/2018

REGANCREST S CHASSITY-ET +1754 G
 USA 62496899 100%RHA-NA TY TL
 4-05 92 EEEVE GMD DOM 12/13/2005
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1071 105520 4.2 4383 2.8 2959

VELVET-VIEW-KJ SOCRATES-ET +1832 G
 USA 133126053 100%RHA-NA TR TV TL TD
 5-07 94 EEEE GM 8/09 07/16/2002

SEAGULL-BAY OMAN MIRROR-ET +2327 G
 USA 62115945 100%RHA-NA
 3-09 86 +VVVV DOM 11/12/2004

ENSENADA TABOO PLANET-ET +2052 G
 USA 60597003 100%RHA-NA TR TP TY TV TL
 14-03 92 EEEV GM 12/13 03/03/2003
 PTA +1504M +37F +44P 99%R 4/2018
 PTA +.43T +.56UDC -.85FLC 99%R 4/2018

SANDY-VALLEY BOLT SHEILA-ET +1834 G
 USA 63114851 100%RHA-NA
 6-00 92 EEVEE 2E 03/05/2007
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-02 2 365 44790 95 3.6 1607 2.7 1209 95
 *** 4-04 2 365 42820 93 3.7 1579 2.8 1214 92
 LIFE 1183 136150 3.6 4922 2.8 3834

Protein reported is true protein.

005390718 43321043 6/14/2018