



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

PEAK ALTALEAP-ET P9 75K GTPI 75%R +2822 G
840003147224052 99%RHA-I TR CD TP TY TV

PTA +1349M +72P +67P 76%R12/2018
PTA +926NM +.08%F +.09%P 100%US
PTA +7.1PL 2.57SCS +2.8DPR 3.3%DCE
PTA +1.69T +2.63UDC +.90FLC 75%R12/2018
PTA +194FE +2.9FI 7.2%SCF

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

COGENT SUPERSHOT P9 75K GTPI 98%R +2557 G
NLD 755898903 100%RHA-NA TY TV TL TD
GM 8/18 03/14/2013

PTA +2245M +50F +70P 99%R12/2018
PTA +724NM -.12%F +.01%P 50%US
PTA +6.4PL 2.62SCS +3.0DPR 3.6%DCE
PTA +1.12T +.86UDC +.42FLC 99%R12/2018

EDG ESTHER MOGUL 2153-ET 49K GTPI 85%R +2460 G
USA 72437700 99%RHA-NA
4-08 91 EEVVE 04/06/2013

PTA +983M +65F +42P 86%R12/2018
PTA +575NM +.10%F +.04%P 5.0%DCE
PTA +2.6PL 3.11SCS +.9DPR 85%R12/2018
PTA +2.65T +2.93UDC +1.64FLC
AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 3-08 3 305 33060 84 4.4 1455 3.1 1033 84
365 38910 84 4.5 1743 3.2 1257 84
LIFE 975 104860 3.7 3882 3.1 3295

DE-SU 13181 QUANTUM-ET P9 75K GTPI 79%R +2656 G
840003130010426 99%RHA-NA TR CD TY TV
08/31/2015

PTA +1835M +65F +70P 80%R12/2018
PTA +745NM -.01%F +.05%P 100%US
PTA +4.4PL 2.71SCS +2.1DPR 3.5%DCE
PTA +2.16T +2.02UDC +.75FLC 79%R12/2018
PTA +175FE +2.0FI 7.5%SCF

PEAK NIRVANA-ET P9 75K GTPI 81%R +2623 G
840003129016444 99%RHA-I TR TP TC TY TV
2-08 83 VVFGV 02/16/2015

PTA +1005M +83F +51P 81%R12/2018
PTA +811NM +.16%F +.07%P
PTA +5.5PL 2.70SCS +1.1DPR 4.0%DCE
PTA +1.47T +2.32UDC +.36FLC 82%R12/2018
PTA +186FE +1.5FI 7.9%SCF
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-03 2 305 25620 94 4.5 1151 3.4 872 94
365 29810 94 4.5 1345 3.4 1023 94

WESTENRADE ALTASPRING P9 49K GTPI 98%R +2578 G
NLD 949033666 99%RHA-I TR TP TC TY TV
GM 8/18 02/22/2013

PTA +1140M +76F +50P 99%R12/2018
PTA +687NM +.12%F +.05%P 45%US
PTA +3.3PL 3.05SCS +.6DPR 4.2%DCE
PTA +2.40T +3.18UDC +1.41FLC 99%R12/2018

GINARY SUPERSIRE NICOLE-ET 49K GTPI 81%R +2469 G
CAN 11792091 100%RHA-NA TC TY TV TL TD
2-07 86 V++VV 03/21/2013

PTA +1430M +67F +51P 81%R12/2018
PTA +679NM +.05%F +.03%P
PTA +4.6PL 2.72SCS +1.1DPR 4.8%DCE
PTA +1.60T +1.51UDC +.28FLC 84%R12/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-03 2 305 26480 95 3.7 990 3.3 877 95
365 31110 95 3.8 1183 3.4 1045 95

SEAGULL-BAY SUPERSIRE-ET +2518 G
USA 69981349 100%RHA-NA TR TP TC TY TV
6-06 90 EEVVM GM 12/17 12/28/2010
PTA +1912M +95F +60P 99%R12/2018
PTA +821NM +.08%F +.01%P 71%US
PTA +.74T +.62UDC -.18FLC 99%R12/2018

ROSE SUPERCLASS 3K GTPI 79%R +2161 G
DEU 536745399 100%RHA-NA
02/19/2011
PTA +926M +23F +37P 80%R12/2018
PTA +1.26T +1.01UDC +.75FLC 79%R12/2018

MOUNTFIELD SSI DCY MOGUL-ET +2431 G
840003006972816 100%RHA-NA TR TP TC TY
7-00 93 EEVE GM 8/15 06/22/2010
PTA +1201M +75F +39P 99%R12/2018
PTA +612NM +.11%F +.01%P 66%US
PTA +2.17T +3.12UDC +2.09FLC 99%R12/2018

MILLER-FF BOOKEM ESTHER-ET +2202 G
USA 69916620 99%RHA-NA
4-10 88 VE+VV GMD DOM 06/19/2011
PTA +841M +17F +29P 88%R12/2018
PTA +2.41T +1.97UDC +1.40FLC 88%R12/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-01 2 305 27190 94 3.4 931 3.2 862 94
*** 4-03 2 245 17150 3.1 532 3.2 547

MOUNTFIELD SSI DCY MOGUL-ET +2431 G
840003006972816 100%RHA-NA TR TP TC TY
7-00 93 EEVE GM 8/15 06/22/2010
PTA +1201M +75F +39P 99%R12/2018
PTA +612NM +.11%F +.01%P 66%US
PTA +2.17T +3.12UDC +2.09FLC 99%R12/2018

WESTENRADE CARRERA 49K GTPI 82%R +2024 G
NLD 931730982 99%RHA-I TL TD
03/28/2011
PTA +1096M +36F +45P 83%R12/2018
PTA +.81T +.80UDC +.56FLC 80%R12/2018

SEAGULL-BAY SUPERSIRE-ET +2518 G
USA 69981349 100%RHA-NA TR TP TC TY TV
6-06 90 EEVVM GM 12/17 12/28/2010
PTA +1912M +95F +60P 99%R12/2018
PTA +821NM +.08%F +.01%P 71%US
PTA +.74T +.62UDC -.18FLC 99%R12/2018

GINARY OMAN OMAN NICOLE-ET +2009 G
CAN 9775394 100%RHA-NA
CAN 02Y GP 82 03/26/2010
PTA -210M +33F +15P 83%R12/2018
PTA +.75T +.42UDC +.19FLC 81%R12/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
CAN 1-10 2 305 22015 4.4 978 3.3 729
365 25330 4.4 1124 3.4 853

ROYLANE SOCRA ROBUST-ET +2479 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008

AMMON-PEACHEY SHAUNA-ET +2123 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009
AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1336 136050 4.1 5543 3.2 4295

CHARLESDALE SUPERSTITION-ET +2016 G
USA 62065919 100%RHA-NA TR TP TC TY TV
GM 8/14 12/29/2004
PTA +1127M -8F +29P 99%R12/2018
PTA +.73T +.90UDC +.17FLC 99%R12/2018

CLASSICSHOTTLE +1820 G
DEU 580590447 100%RHA-NA
04/21/2006

COYNE-FARMS DORCY-ET +2256 G
USA 139005002 100%RHA-NA BY TC TV TL TD
4-09 87 VVV+ 09/17/2007

MOUNTFIELD MARSH MAXINE-ET +2016 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-03 2 159 14320 4.3 611 3.2 454

DE-SU 521 BOOKEM-ET +2302 G
USA 66636657 99%RHA-NA TR TP TY TV TL
8-04 90 EEV GM 8/15 02/21/2009
PTA +1331M +30F +49P 99%R12/2018
PTA +1.33T +1.15UDC +1.12FLC 99%R12/2018

NOVA SHOTTLE EVELYN-ET +2062 G
USA 66452835 100%RHA-NA
3-00 87 VVVVV DOM 10/10/2009
AGE X DAYS MILK DCRM % FAT % PRT DCRC
* 2-00 2 365 34290 95 4.6 1566 3.5 1200 95

COYNE-FARMS DORCY-ET +2256 G
USA 139005002 100%RHA-NA BY TC TV TL TD
4-09 87 VVV+ 09/17/2007

MOUNTFIELD MARSH MAXINE-ET +2016 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-03 2 159 14320 4.3 611 3.2 454

SCHILLVIEW OMAN GERARD-ET +1993 G
USA 52805723 100%RHA-NA TC TY TV TL TD
6-09 94 EEEE GM 12/11 02/27/2005
PTA +1275M +19F +49P 99%R12/2018
PTA +1.53T +1.76UDC +.83FLC 99%R12/2018

WEH JENNA +1915 G
DEU 350131380 99%RHA-I
07/21/2006

ROYLANE SOCRA ROBUST-ET +2479 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008

AMMON-PEACHEY SHAUNA-ET +2123 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009

LONG-LANGS OMAN OMAN-ET +2026 G
USA 135746776 100%RHA-NA TY TV TL TD
4-11 85 VVV+ GM 12/13 04/30/2004
PTA +444M +36F +41P 99%R12/2018
PTA +.27T +.37UDC -.65FLC 99%R12/2018

GINARY GOLDWYN TANJA-ET +1827 G
CAN 7789506 100%RHA-NA
CAN EX 90 01/12/2006
AGE X DAYS MILK DCRM % FAT % PRT DCRC
CAN 3-03 2 365 34488 5.0 1712 3.3 1131
CAN 5-10 2 365 35520 5.1 1801 3.3 1180
LIFE 1419 129084 4.9 6271 3.3 4282

Protein reported is true protein.

005474880 44180480 12/6/2018