



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

PEAK ALTAVELVET-ET P9 140K GTPI 75%
+2778 G
840003142181523 99%RHA-I TR TP TC TY TV

PTA +795M +102F +46P 76%R 8/2018
PTA +809NM +.26%F +.08%P 100%US
PTA +4.2PL 2.69SCS +1.2DPR 4.6%DCE
PTA +3.28T +3.07UDC +2.19FLC 75%R 8/2018
PTA +179FE +1.5FI 7.9%SCE

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

GLEN-D-HAVEN ALTAHOTROD P9 77K GTPI 96%
+2616 G
USA 55618778 100%RHA-NA TR TP TC TY TV
GM 8/18 09/05/2013

PTA +2014M +73F +67P 98%R 8/2018
PTA +668NM -.01%F +.02%P 68%US
PTA +2.8PL 2.93SCS +2.4DPR 5.0%DCE
PTA +2.43T +1.56UDC +1.28FLC 94%R 8/2018

J-MOR MOGUL HOSTICE-ET 77K GTPI 81%
+2566 G
USA 142784970 100%RHA-NA TY TV TL TD
11/14/2013

PTA +1130M +87F +53P 82%R 8/2018
PTA +690NM +.16%F +.07%P
PTA +1.9PL 2.80SCS +.6DPR 5.2%DCE
PTA +2.30T +2.41UDC +1.41FLC 82%R 8/2018

PEAK HOTLINE-ET P9 140K GTPI 78%
+2760 G
840003129128855 100%RHA-NA TY TV TL TD
07/06/2015

PTA +1471M +96F +62P 79%R 8/2018
PTA +795NM +.14%F +.06%P 100%US
PTA +2.3PL 2.83SCS +1.1DPR 3.4%DCE
PTA +3.07T +2.83UDC +2.01FLC 78%R 8/2018
PTA +200FE +1.2FI 6.1%SCE

PEAK EXOTIC DANCER-ET P9 140K GTPI 81%
+2669 G
840003128365053 99%RHA-I TR TP TC TY TV
3-02 83 ++GGV 04/23/2015

PTA +411M +81F +26P 82%R 8/2018
PTA +766NM +.24%F +.05%P
PTA +6.5PL 2.67SCS +3.3DPR 3.7%DCE
PTA +2.57T +2.65UDC +1.36FLC 82%R 8/2018
PTA +129FE +3.7FI 8.7%SCE

WESTENRADE ALTASPRING P9 77K GTPI 98%
+2663 G
NLD 949033666 99%RHA-I TR TP TC TY TV
GM 8/18 02/22/2013

PTA +1134M +81F +51P 99%R 8/2018
PTA +750NM +.14%F +.06%P 52%US
PTA +4.4PL 3.00SCS +1.5DPR 4.1%DCE
PTA +2.38T +3.21UDC +1.49FLC 98%R 8/2018

MILLER-FF SSIRE EXOTIC-ET 77K GTPI 83%
+2408 G
USA 72186138 100%RHA-NA TC TY TV TL TD
2-04 86 VVVV+V DOM 02/07/2013

PTA -498M +66F +20P 84%R 8/2018
PTA +627NM +.17%F +.02%P
PTA +6.1PL 2.58SCS +2.7DPR 5.7%DCE
PTA +2.66T +1.41UDC +.47FLC 85%R 8/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-02 2 305 22870 95 4.3 991 3.3 755 95
365 27100 95 4.5 1211 3.4 913 95

DE-SU JEROD 1223-ET +2208 G
USA 69990187 100%RHA-NA TY TV TL TD
4-07 90 EVEE GM 12/15 02/28/2011
PTA +307M +40F +18P 99%R 8/2018
PTA +451NM +.10%F +.03%P 91%US
PTA +.87T +.92UDC -.89FLC 98%R 8/2018

GLEN-D-HAVEN IOTA BAMBI-ET 50K GTPI 88%
+2178 G
USA 56517166 100%RHA-NA
4-01 90 EVEVE 07/01/2011
PTA +1094M +57F +51P 89%R 8/2018
PTA +2.07T +1.80UDC +1.37FLC 88%R 8/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-02 3 305 34220 89 4.4 1522 3.4 1147 89X
365 40170 89 4.5 1805 3.4 1361 89
4-00 3 298 34830 86 4.4 1522 3.2 1122 86
5-00 3 365 31970 86 4.5 1447 3.6 1144 86
LIFE 1304 124330 4.5 5535 3.4 4273

MOUNTFIELD SSI DCY MOGUL-ET +2450 G
840003006972816 100%RHA-NA TR TP TC TY TV
7-00 93 EVEE GM 8/15 06/22/2010
PTA +1202M +77F +39P 99%R 8/2018
PTA +624NM +.11%F +.01%P 66%US
PTA +2.17T +3.11UDC +2.20FLC 99%R 8/2018

J-MOR MAN-O-MAN HONEY-ET +2179 G
USA 140591000 100%RHA-NA
6-00 88 VEEVV DOM 02/11/2010
PTA +273M +35F +32P 86%R 8/2018
PTA +1.77T +1.06UDC +.84FLC 85%R 8/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-00 2 365 25800 95 4.1 1056 3.3 849 95
3-07 2 365 28310 95 4.5 1275 3.5 987 95
5-04 2 305 28490 95 4.2 1202 3.1 885 95
365 32160 95 4.2 1361 3.2 1018 95
LIFE 1554 109800 4.3 4776 3.4 3716

MOUNTFIELD SSI DCY MOGUL-ET +2450 G
840003006972816 100%RHA-NA TR TP TC TY TV
7-00 93 EVEE GM 8/15 06/22/2010
PTA +1202M +77F +39P 99%R 8/2018
PTA +624NM +.11%F +.01%P 66%US
PTA +2.17T +3.11UDC +2.20FLC 99%R 8/2018

WESTENRADE CARRERA 77K GTPI 82%
+2057 G
NLD 931730982 99%RHA-I TL TD 03/28/2011
PTA +1128M +37F +46P 83%R 8/2018
PTA +.87T +.88UDC +.59FLC 80%R 8/2018

SEAGULL-BAY SUPERSIRE-ET +2548 G
USA 69981349 100%RHA-NA TR TP TC TY TV
6-06 90 EEVV GM 12/17 12/28/2010
PTA +1938M +97F +61P 99%R 8/2018
PTA +841NM +.09%F +.01%P 71%US
PTA +.86T +.68UDC -.06FLC 99%R 8/2018

NOVA SHOTTLE EVELYN-ET 50K GTPI 90%
+2085 G
USA 66452835 100%RHA-NA
3-00 87 VVVVV DOM 10/10/2009
PTA -859M -28F -12P 92%R 8/2018
PTA +1.93T +1.83UDC +.90FLC 91%R 8/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-00 2 305 28620 95 4.4 1269 3.5 993 95X
365 34290 95 4.6 1566 3.5 1200 95

DE-SU OBSERVER-ET +2119 G
USA 65917481 100%RHA-NA TR TP TY TV TL
6-10 91 EEEV GM 12/14 11/07/2008
RI-VAL-RE MICHAEL JASMINE +1845 G
USA 66473426 100%RHA-NA TY
2-06 81 ++GG+ DOM 01/27/2009
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-01 3 211 17220 3.8 659 3.1 529

REGANCER-ET ALTAIOTA-ET +2130 G
USA 61898306 100%RHA-NA TR TP TC TY TV
GM 12/14 06/12/2005
PTA +432M +47F +29P 99%R 8/2018
PTA +1.32T +1.26UDC +.72FLC 99%R 8/2018

GLEN-D-HAVEN GW BRIT-ET +1929 G
USA 52859858 100%RHA-NA
2-05 85 +VG+V GMD DOM 12/01/2005
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
4-04 3 365 40560 87 4.1 1662 3.2 1284 87

COYNE-FARMS DORCY-ET +2250 G
USA 139005002 100%RHA-NA BY TC TY TL TD
4-09 87 VVVV+ 09/17/2007
MOUNTFIELD MARSH MAXINE-ET +2041 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-03 2 159 14320 4.3 611 3.2 454

LONG-LANGS OMAN OMAN-ET +2020 G
USA 135746776 100%RHA-NA TY TV TL TD
4-11 85 VVV+ GM 12/13 04/30/2004
PTA +424M +437F +40P 99%R 8/2018
PTA +.20T +.35UDC -.73FLC 99%R 8/2018

J-MOR SHOTTLE HEAVENLY-ET +1991 G
USA 139154340 100%RHA-NA TY TV
5-01 90 EEEVV DOM 03/03/2008
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
LIFE 2222 163520 4.2 6843 3.2 5283

COYNE-FARMS DORCY-ET +2250 G
USA 139005002 100%RHA-NA BY TC TY TL TD
4-09 87 VVVV+ 09/17/2007
MOUNTFIELD MARSH MAXINE-ET +2041 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-03 2 159 14320 4.3 611 3.2 454

SCHILLVIEW OMAN GERARD-ET +2002 G
USA 52805723 100%RHA-NA TC TY TV TL TD
6-09 94 EEEE GM 12/11 02/27/2005
PTA +1279M +19F +49P 99%R 8/2018
PTA +1.53T +1.78UDC +.86FLC 99%R 8/2018

WEH JENNA +1940 G
DEU 350131380 99%RHA-I 07/21/2006

ROYLANE SOCRA ROBUST-ET +2492 G
USA 64966739 100%RHA-NA TR TV TL TD
3-03 88 VVVV GM 8/15 12/23/2008

AMMON-PEACHEVY SHAUNA-ET +2126 G
USA 66228178 100%RHA-NA
8-07 92 EEEEE GMD DOM 04/16/2009

PICSTON SHOTTLE-ET +1899 G
GBR 598172 100%RHA-NA TY TV TL
GM 12/11 07/23/1999
PTA +487M +26F +11P 99%R 8/2018
PTA -1.15T +.68UDC +.35FLC 99%R 8/2018

NOVA-TMJ GOLDEN EDIE-ETS +1933 G
USA 137735523 100%RHA-NA
3-05 87 VVVVV DOM 04/05/2006
*** AGE X DAYS MILK DCRM % FAT % PRT DCRG
2-04 2 305 25420 95 4.8 1219 3.2 815 95X
365 30230 95 4.8 1445 3.2 980 95

Protein reported is true protein.

005420783 43604650 8/10/2018