



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



PEAK ALTACHASE-ET P9 77K GTPI 79%R
840003125475834 99%RHA-I TR TP TY TV TL

PTA +926M +30F +43P 80%R 4/2018
PTA +569NM -.02%F +.05%P 100%US
PTA +4.2PL 2.71SCS +1.7DPR 3.9%DCE
PTA +1.38T +1.93UDC +.83FLC 79%R 4/2018
PTA +102FE +2.1FI 5.8%SCE

CLEAR-ECHO LEXOR RACER-ET P9 50K GTPI 98%R
USA 71974211 99%RHA-I TR TP TY TV TL TD
1-09 82 ++++ 09/11/2012

PTA +754M +14F +35P 99%R 4/2018
PTA +418NM -.05%F +.04%P 76%US
PTA +2.7PL 2.63SCS +2.0DPR 4.0%DCE
PTA +1.62T +1.84UDC +.60FLC 99%R 4/2018
PTA +53FE +2.1FI 4.4%SCE

LARCREST MS CHANDA-ET 77K GTPI 86%R
USA 57187380 99%RHA-I TC TY TV TL TD
2-05 85 +VV+V 12/07/2011

PTA +868M +45F +32P 87%R 4/2018
PTA +549NM +.05%F +.02%P
PTA +4.7PL 2.97SCS +.5DPR 4.5%DCE
PTA +.92T +1.30UDC +1.26FLC 84%R 4/2018
PTA +110FE +1.0FI 8.3%SCE
* AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-05 2 305 22680 93 4.1 925 3.0 689 93

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

GENERATIONS LEXOR-ET 77K GTPI 98%R
CAN 11098658 100%RHA-NA TY TV TL TD
CAN 01Y VG 85 07/09/2010

PTA +614M +63F +45P 99%R 4/2018
PTA +385NM +.15%F +.10%P 32%US
PTA -1.6PL 2.88SCS +.1DPR 4.3%DCE
PTA +.48T -.01UDC -.23FLC 98%R 4/2018

CLEAR-ECHO OBSERVER 2280-ET 50K GTPI 87%R
USA 68669880 99%RHA-I TL
2-11 84 VV+++ 11/09/2010

PTA +521M +3F +17P 88%R 4/2018
PTA +278NM -.06%F +.00%P
PTA +3.1PL 2.77SCS +.9DPR 5.0%DCE
PTA +1.18T +.88UDC +.21FLC 88%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 3 305 24210 96 3.6 882 3.1 747 96
365 27890 96 3.6 1015 3.1 865 96
*** 3-07 3 311 21980 96 3.6 793 3.1 679 96

ROYLANE SOCRA ROBUST-ET 50K GTPI 99%R
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 +6.0PL 2.95SCS +1.3DPR 4.0%DCE
PTA +.67T +1.23UDC +1.56FLC 99%R 4/2018

LARCREST CHENOVA-ETS 50K GTPI 91%R
USA 56264510 99%RHA-I
3-00 87 VVVVV DOM 04/08/2009

PTA +360M +26F +17P 93%R 4/2018
PTA +274NM +.05%F +.02%P
PTA +1.8PL 2.80SCS -1.2DPR 6.4%DCE
PTA +.93T +.83UDC +.46FLC 90%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-04 2 305 30740 95 4.2 1279 3.3 1013 95X
365 35930 95 4.1 1487 3.3 1191 95

99% Registered Holstein Ancestry (RHA-I)

LONG-LANGS OMAN OMAN-ET +2018 G
USA 135746776 100%RHA-NA TY TV TL TD
4-11 85 VVV+ GM 12/13 04/30/2004
PTA +440M +37F +41P 99%R 4/2018
PTA +287NM +.08%F +.10%P 22%US
PTA +.21T +.34UDC -.69FLC 99%R 4/2018

COMESTAR GOLDWYN LILAC-ETS 50K GTPI 92%R
CAN 103455285 100%RHA-NA
CAN 05Y VG 89 02/11/2006
PTA +16M +12F +19P 92%R 4/2018
PTA +1.49T +.84UDC +.95FLC 91%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
CAN 4-06 2 305 43236 4.6 1988 3.2 1392
365 50606 4.6 2308 3.2 1643
LIFE 1044 106756 4.6 4863 3.5 3783

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

CLEAR-ECHO 822 RAMO 1200-ET 50K GTPI 96%R
USA 61765028 99%RHA-I TY
9-11 94 EEEEE 3E DOM 10/17/2004
PTA +496M +3F +15P 96%R 4/2018
PTA +.99T -.29UDC +.47FLC 96%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 3 365 28790 96 4.1 1188 3.2 924 96
4-04 3 365 39570 95 4.5 1782 3.0 1177 95
7-00 3 305 36120 93 3.8 1359 3.4 1214 93
9-07 3 355 44150 96 4.3 1879 3.0 1323 96
LIFE 2331 207750 4.2 8631 3.2 6663

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
PTA +694M +36F +6P 99%R 4/2018
PTA +329NM +.04%F -.05%P 76%US
PTA -.29T -.58UDC -.18FLC 99%R 4/2018

SEAGULL-BAY OMAN MIRROR-ET 50K GTPI 95%R
USA 62115945 100%RHA-NA
3-09 86 +VVVV DOM 11/12/2004
PTA +447M +58F +44P 96%R 4/2018
PTA +.70T +.77UDC +1.29FLC 96%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 2 305 26850 96 4.2 1120 3.3 884 96
340 29320 96 4.2 1230 3.3 971 96
3-00 2 305 32310 100 4.3 1400 3.4 1087 100X
365 36430 100 4.4 1606 3.4 1235 100X

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 +457NM -.07%F -.01%P 59%US
PTA +.43T +.56UDC -.85FLC 99%R 4/2018

LARCREST CRIMSON-ET 50K GTPI 95%R
USA 53452457 99%RHA-I TY
9-06 94 EEEEE 3E GMD DOM 06/27/2007
PTA -399M +47F +14P 95%R 4/2018
PTA +1.36T +1.22UDC +1.15FLC 94%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 2 365 36060 95 4.7 1710 3.6 1283 95
5-02 2 305 40140 95 5.4 2176 3.5 1392 95X
365 46390 95 5.3 2448 3.5 1620 95
6-10 2 305 33970 95 4.3 1446 3.4 1144 95
365 39260 95 4.1 1609 3.4 1335 95
8-10 2 365 38580 95 3.4 1318 3.5 1359 95
LIFE 2598 234440 4.5 10443 3.6 8384

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
WINNING-WAY MARCI-ET +1602 G
USA 130677626 100%RHA-NA CV

7-04 89 EEEVV
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 2 365 32010 94 4.8 1544 3.4 1098 94

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

LYLEHAVEN LILA Z +1284 G
USA 132449139 100%RHA-NA TR TV
CAN EX 94 03/02/2002
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1369 152512 3.9 5959 3.2 4917

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

RAMOS +1904 G
DEU 253642 98%RHA-I BY TV TL
GM 4/11 06/26/1997
PTA -330M +1F +1P 99%R 4/2018
PTA -.22T -.24UDC +.47FLC 99%R 4/2018

CLEAR-ECHO HERSHL D-RAC 822 +1625 G
USA 60427332 100%RHA-NA
5-01 87 VVVVV DOM 09/12/2001
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1641 152450 3.1 4692 2.8 4343

FUSTEAD EMORY BLITZ-ET +1460 G
USA 17013604 100%RHA-NA TV TL
12-06 95 EEEE GM 2/05 03/02/1996

SHER-EST PRELUDE SWEET-ET +1522 G
USA 15421158 100%RHA-NA TV
5-08 92 EEEEE GMD DOM 03/01/1994
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1858 134240 4.5 6099 3.2 4337

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
PTA +196M +38F +27P 99%R 4/2018
PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

SEAGULL-BAY MANAT MIRAGE-ET +1956 G
USA 60401993 100%RHA-NA
4-01 90 VEVVE GMD DOM 09/01/2001
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
3-06 3 365 35900 97 3.8 1364 3.2 1161 88

ROSE-BAUM TABOO-ET +1482 G
USA 17121203 100%RHA-NA TV TL
7-01 87 EVV+ GM 8/05 07/16/1996

PLUSHANSKI AMEL PATTY-ET +1788 G
USA 130161039 100%RHA-NA TV
9-05 93 EEEEE 3E GMD DOM 11/20/1998

RAMOS +1904 G
DEU 253642 98%RHA-I BY TV TL
GM 4/11 06/26/1997
PTA -330M +1F +1P 99%R 4/2018
PTA -.22T -.24UDC +.47FLC 99%R 4/2018

LARCREST COSMOPOLITAN +1867 G
USA 52475668 100%RHA-NA
3-01 87 E+VVV GMD DOM 09/07/2005
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-04 2 305 27470 95 4.1 1123 3.4 940 95X
365 30930 95 4.1 1261 3.4 1061 95

Protein reported is true protein.

005390718 43318724 6/14/2018