



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



100% Registered Holstein Ancestry (RHA-NA)

GLEN-D-HAVEN ALTAHOTROD P9 77K GTPI 93%R +2536 G
 USA 55618778 100%RHA-NA TR TP TC TY TV

PTA +1930M +72F +65P 96%R 4/2018
 PTA +621NM +.00%F +.02%P 79%US
 PTA +2.3PL 2.90SCS +.1DPR 4.6%DCE
 PTA +2.48T +1.66UDC +1.07FLC 93%R 4/2018
 PTA +168FE +0.9FI 7.1%SCF
 D/AV 30218M 3.8%F 1154F 3.2%P 953P 82.6T

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

DE-SU OBSERVER-ET 50K GTPI 99%R +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 +4.0PL 2.84SCS +.4DPR 6.9%DCE
 PTA +1.39T +2.34UDC -.20FLC 99%R 4/2018

RI-VAL-RE MICHAEL JASMINE 50K GTPI 93%R +1835 G
 USA 66473426 100%RHA-NA TY
 2-06 81 ++GG+ DOM 01/27/2009

PTA -485M +18F +1P 94%R 4/2018
 PTA +164NM +.14%F +.06%P
 PTA +1.0PL 2.90SCS +1.7DPR 7.4%DCE
 PTA +.20T +.70UDC +.06FLC 93%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-01 3 211 17220 3.8 659 3.1 529

DE-SU JEROD 1223-ET 50K GTPI 98%R +2182 G
 USA 69990187 100%RHA-NA TY TV TL TD
 4-07 90 EEEV GM 12/15 02/28/2011

PTA +391M +41F +20P 99%R 4/2018
 PTA +430NM +.10%F +.03%P 91%US
 PTA +3.7PL 2.78SCS +2.9DPR 5.1%DCE
 PTA +.86T +.98UDC -.94FLC 98%R 4/2018
 PTA +80FE +3.3FI 6.9%SCF

GLEN-D-HAVEN IOTA BAMBI-ET 50K GTPI 88%R +2152 G
 USA 56517166 100%RHA-NA
 4-01 90 EVEVE 07/01/2011

PTA +1045M +57F +50P 89%R 4/2018
 PTA +346NM +.06%F +.06%P
 PTA -1.3PL 3.28SCS -2.8DPR 6.0%DCE
 PTA +2.12T +1.84UDC +1.31FLC 88%R 4/2018
 PTA +142FE -2.3FI 6.2%SCF
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 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 3 305 28600 86 4.6 1319 3.5 1010 86
 365 31970 86 4.5 1447 3.6 1144 86
 LIFE 1304 124330 4.5 5535 3.4 4273

REGANCREST ALTAIOTA-ET 50K GTPI 99%R +2125 G
 USA 61898306 100%RHA-NA TR TP TC TY TV
 GM 12/14 06/12/2005

PTA +461M +48F +30P 99%R 4/2018
 PTA +327NM +.11%F +.06%P 16%US
 PTA -.4PL 3.03SCS +.6DPR 5.8%DCE
 PTA +1.32T +1.24UDC +.74FLC 99%R 4/2018

GLEN-D-HAVEN GW BRIT-ET IMP GTPI 76%R +1899 G
 USA 52859858 100%RHA-NA
 2-05 85 +VG+V GMD DOM 12/01/2005

PTA +143M +18F +17P 77%R 4/2018
 PTA +195NM +.05%F +.05%P
 PTA +.4PL 2.87SCS -2.3DPR 7.0%DCE
 PTA +1.67T +1.87UDC +.79FLC 77%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 2-03 2 305 27930 92 4.6 1272 3.3 921 92X
 365 32100 92 4.5 1449 3.4 1077 92
 ** 4-04 3 305 36000 87 4.1 1475 3.1 1120 87
 365 40560 87 4.1 1662 3.2 1284 87

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

DE-SU OMAN 6121-ET IMP GTPI 97%R +1844 G
 USA 61681442 100%RHA-NA TL
 2-08 86 VV+VV GMD DOM 03/02/2004
 PTA +326M +32F +14P 97%R 4/2018
 PTA +.58T +.87UDC -.42FLC 97%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-01 3 305 29850 99 4.3 1293 3.0 904 86
 365 34770 99 4.3 1505 3.2 1108 86

LUTZ-BROOKVIEW MICHAEL-ET +1680 G
 USA 133389654 100%RHA-NA TR BY TV TL TD
 5-05 90 EEEV GM 8/04 09/04/2002
 PTA -162M +12F -3P 99%R 4/2018
 PTA +105NM +.07%F +.01%P 92%US
 PTA -.23T -.57UDC +1.05FLC 99%R 4/2018
 CTPI 71%R

RI-VAL-RE SHTLE LUCIE-ET +1808
 USA 62067950 100%RHA-NA TV
 3-03 85 VVG+V 12/09/2005
 PTA +355M +27F +17P 71%R 4/2018
 PTA +.65T +.30UDC +.24FLC 67%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-11 2 305 22770 95 3.9 892 3.3 747 95
 365 25660 95 3.9 1006 3.3 849 95
 *** 3-01 2 95 10730 4.7 506 3.0 326

O-BEE MANFRED JUSTICE-ET +1935 G
 USA 122358313 100%RHA-NA TR TV TL TD
 7-07 94 EEEV GM 12/11 03/08/1998
 PTA +196M +38F +27P 99%R 4/2018
 PTA +324NM +.11%F +.08%P 58%US
 PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

REGANCREST ITO ISA IMP GTPI 89%R +1647 G
 USA 60870571 100%RHA-NA
 2-09 86 +E+VV GMD 05/05/2002
 PTA -248M -22F -1P 88%R 4/2018
 PTA +.41T +.38UDC -.24FLC 87%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-00 2 305 26180 103 3.7 978 3.3 867 95
 365 31510 103 3.6 1143 3.3 1051 95

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 +117NM +.10%F +.05%P 10%US
 PTA +1.72T +1.44UDC +1.35FLC 99%R 4/2018
 3K GTPI 85%R

GLEN-D-HAVEN TEAMS BRENA-ET +1600 G
 USA 52323636 100%RHA-NA
 2-07 86 +EV+V GMD DOM 02/10/2004
 PTA +799M +2F +28P 86%R 4/2018
 PTA +.88T +.40UDC -.58FLC 85%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 2-00 2 305 32430 94 3.2 1047 3.0 976 94X
 365 37900 94 3.3 1248 3.0 1151 94
 ** 4-05 2 305 27040 91 3.9 1045 3.2 854 91
 365 31840 91 3.9 1230 3.2 1016 91
 ** 5-05 3 322 26610 89 3.7 984 3.2 859 89
 ** 6-06 3 305 29290 87 3.6 1051 3.1 909 87
 LIFE 1641 139240 3.6 5029 3.2 4401

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
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 2614 256020 3.3 8356 2.9 7325

O-BEE MANFRED JUSTICE-ET +1935 G
 USA 122358313 100%RHA-NA TR TV TL TD
 7-07 94 EEEV GM 12/11 03/08/1998
 PTA +196M +38F +27P 99%R 4/2018
 PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

DE-SU BW MARSHAL GEORGIA-ET +1782 G
 USA 207652257 100%RIA-NA TV
 9-11 90 EE+VV 2E GMD DOM 03/19/2002
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1819 178780 3.7 6608 2.9 5254

BARBEE-M JUROR ITO-ET +1614 G
 USA 2287161 100%RHA-NA TV TL
 9-08 90 EEEV GM 8/04 06/18/1995
LUTZ-BROOKVIEW FIFI-ET +1435 G
 USA 17163459 100%RHA-NA
 4-09 90 VEVVE DOM 09/02/1996
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 4-03 2 365 42150 94 3.9 1664 3.0 1270 94

PICSTON SHOTTLE-ET +1887 G
 GBR 598172 100%RHA-NA TY TV TL
 GM 12/11 07/23/1999
 PTA +480M +26F +10P 99%R 4/2018
 PTA +1.16T +.68UDC +.35FLC 99%R 4/2018

RI-VAL-RE MOE LEONA-ET +1553 G
 USA 60403566 100%RHA-NA CV
 6-01 91 VEVEE 2E GMD DOM 01/08/2002
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1688 128190 3.4 4328 2.9 3755

HA-HO CUBBY MANFRED-ET +1548 G
 USA 2183007 100%RHA-NA TV TL
 5-07 82 +GVV GM 8/03 12/07/1991
MEIER-MEADOWS EL JEZEBEL-ET +1578 G
 USA 15459080 100%RHA-NA CV BL
 5-02 92 EVEVE GMD DOM 06/30/1994
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 4-02 2 365 35082 100 4.4 1539 3.3 1167 100

BARBEE-M JUROR ITO-ET +1614 G
 USA 2287161 100%RHA-NA TV TL
 9-08 90 EEEV GM 8/04 06/18/1995
 PTA -71M -12F -11P 99%R 4/2018
 PTA -.33T +.05UDC -.58FLC 99%R 4/2018

REGANCREST EMORY DORISSA-ET +1336 G
 USA 15967188 100%RHA-NA
 7-10 86 VVEGV GMD DOM 11/08/1995
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1826 158030 3.9 6129 3.4 5312

SHOREMAR JAMES +1243 G
 CAN 5902195 100%RHA-NA TV TL
 CAN 02Y GP 81 GM 2/04 05/30/1993
BRAEDALE BALER TWINE-ETS +1684 G
 CAN 6860888 100%RHA-NA TL
 CAN 02Y VG 86 11/08/1997

DE-MATT RUDOLPH TEAMSTER-ET +1658 G
 USA 17367125 100%RHA-NA TY TV TL
 GM 1/08 05/06/1997
 PTA +489M -3F +20P 99%R 4/2018
 PTA -.19T +.28UDC -2.06FLC 98%R 4/2018

GLEN-D-HAVEN AARON BAMBI-ET +1484 G
 USA 50426692 100%RHA-NA TV TL
 6-02 88 EVVVV GMD DOM 03/20/2000
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-02 2 305 27350 94 4.0 1099 3.1 843 94
 365 31860 94 4.1 1301 3.1 997 94
 ** 5-06 2 365 33870 93 3.2 1092 3.0 1031 93

Protein reported is true protein.

005390718 43318509 6/14/2018