



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

www.holsteinusa.com

DIRT-ROAD ALTACZAR-ET P9 77K GTPI 91%R
+2392 G
USA 72189851 99%RHA-I TR TP TC TY TV TL

PTA +1083M +67F +43P 93%R 4/2018
PTA +538NM +.09%F +.04%P 83%US
PTA +1.5PL 2.80SCS -1.4DPR 4.4%DCE
PTA +2.30T +2.85UDC +1.52FLC 88%R 4/2018
PTA +155FE -1.0FI 6.3%SCF
D/AV 29634M 3.9%F 1144F 3.1%P 932P 80.9T

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

COYNE-FARMS DORCY-ET 50K GTPI 99%R
+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 +4.2PL 2.74SCS -.3DPR 8.4%DCE
PTA +1.82T +3.00UDC +1.57FLC 99%R 4/2018

MOUNTFIELD MARSH MAXINE-ET 50K GTPI 92%R
+2024 G
USA 62784081 100%RHA-NA
2-07 88 VV+VE DOM 04/23/2006

PTA +224M +69F +25P 92%R 4/2018
PTA +325NM +.22%F +.07%P
PTA +.0PL 2.96SCS -3.5DPR 6.7%DCE
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

MOUNTFIELD SSI DCY MOGUL-ET 50K GTPI 99%R
+2423 G
840003006972816 100%RHA-NA TR TP TC TY
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
PTA +158FE -1.2FI 6.0%SCF

RI-VAL-RE 2338 NIAGRA-ET HD GTPI 99%R
+1847 G
USA 62067753 100%RHA-NA TR TV TL TD
GM 12/12 11/29/2004

PTA +1478M +30F +45P 99%R 4/2018
PTA +226NM -.09%F +.00%P 60%US
PTA -.5PL 3.03SCS -3.6DPR 7.7%DCE
PTA +1.03T +.90UDC -.81FLC 99%R 4/2018

DIRT-ROAD NGRA CHARLENE-ET 50K GTPI 84%R
+2026 G
USA 69894602 99%RHA-I
3-00 82 FV+GV DOM 12/13/2010

PTA +926M +38F +42P 85%R 4/2018
PTA +344NM +.01%F +.05%P
PTA +.2PL 2.91SCS -1.9DPR 7.1%DCE
PTA +1.04T +1.30UDC -.31FLC 86%R 4/2018
PTA +135FE -1.8FI 6.9%SCF
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-09 2 305 29570 94 3.9 1162 3.3 966 94

DIRT-ROAD GOLDWYN CAMI-ET IMP GTPI 89%R
+1931 G
USA 64074947 99%RHA-I
3-02 86 VVV+V GMD DOM 09/23/2006

PTA -533M +37F +19P 90%R 4/2018
PTA +240NM +.21%F +.13%P
PTA +.1PL 2.74SCS -1.7DPR 8.3%DCE
PTA +1.01T +.64UDC +.76FLC 89%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 2 305 32660 95 5.1 1681 3.7 1208 95X

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
PTA +1279M +44F +31P 99%R 4/2018
PTA +208NM -.01%F -.03%P 20%US
PTA +1.30T +1.48UDC +.96FLC 99%R 4/2018

COYNE-FARMS BRET DAFFERS-ET IMP GTPI 92%R
+2071 G
USA 61319723 100%RHA-NA CV
5-07 91 EV+EE DOM 07/26/2004
PTA +345M +26F +12P 92%R 4/2018
PTA +1.21T +1.16UDC +1.65FLC 92%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-10 3 305 25560 99 4.6 1171 2.8 714 96X
365 30240 99 4.5 1357 2.8 854 96
*** 3-01 3 305 30940 99 4.4 1360 3.1 955 91
365 34280 99 4.4 1504 3.1 1068 91
*** 5-05 3 180 9470 4.3 406 2.7 259

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 +49NM -.01%F -.01%P 80%US
PTA +.58T +1.21UDC +1.05FLC 99%R 4/2018
3K GTPI 96%R

PINE-TREE MISSY MIRANDA-ET +2022 G
USA 61733095 100%RHA-NA
4-03 86 VVV+V DOM 05/01/2004
PTA -105M +39F +24P 96%R 4/2018
PTA +.00T -.08UDC +.74FLC 96%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 2 365 28350 100 4.3 1232 3.6 1007 100
*** 3-08 3 305 30980 99 4.9 1532 3.7 1144 91
365 35550 99 4.9 1730 3.7 1325 91
** 7-10 3 305 27830 98 4.1 1153 3.2 899 81
LIFE 1539 122890 4.5 5535 3.6 4482

END-ROAD PVF BOLIVER-ET +1727 G
USA 123586443 100%RHA-NA TY TV TL TD
11-11 96 EEEE GM 8/09 11/27/1998
PTA +447M +18F +19P 99%R 4/2018
PTA +185NM +.00%F +.02%P 50%US
PTA +.10T +.45UDC -.70FLC 99%R 4/2018
IMP GTPI 84%R

RI-VAL-RE JESTHER NILLIE-ET +1652 G
USA 60403538 100%RHA-NA CV
6-00 91 EEVEV 2E DOM 11/25/2001
PTA +893M +8F +31P 84%R 4/2018
PTA -.04T -.78UDC +.23FLC 84%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
1-11 2 365 37350 95 3.7 1392 3.2 1208 95
*** 4-03 2 305 35240 94 3.3 1163 3.2 1113 93X
365 42500 94 3.4 1429 3.2 1348 93
*** 6-09 2 365 23600 95 3.8 895 3.1 737 95
LIFE 1805 145700 3.5 5127 3.3 4738

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
IMP GTPI 81%R

CASTLEHOLM T CARLO-ET +1785 G
USA 130133852 99%RHA-I TM TY TV
12-00 91 EEEEE 4E GMD DOM 03/29/2000
PTA -511M +46F +12P 81%R 4/2018
PTA -.84T -1.04UDC -.09FLC 85%R 4/2018
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-04 2 314 21270 95 4.6 989 3.5 741 95
** 3-03 2 305 26190 95 5.0 1311 3.8 990 95
365 30400 95 5.1 1551 3.9 1174 95
*** 5-04 2 305 30320 95 4.3 1297 3.6 1096 95
*** 7-00 2 305 36110 93 3.9 1413 3.5 1277 93
*** 8-08 2 305 35410 95 4.5 1601 3.4 1205 95
LIFE 2154 192160 4.6 8901 3.7 7163

LEXVOLD LUKE HERSHEL-ET +1291 G
USA 2294436 100%RHA-NA TY TV TL
GM 8/04 07/30/1995

SANDY-VALLEY BLESSING-ET +1442 G
USA 128824973 100%RHA-NA TV
2-10 88 VVVVE GMD DOM 01/06/2000
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-02 2 365 40960 95 4.1 1693 3.2 1307 95

PECKENSTEIN FORM BRET-ET +1776 G
USA 120745603 100%RHA-NA CV TM TY TL
9-03 94 EEVEV 09/14/1997
PTA -101M -22F -4P 99%R 4/2018
PTA -.20T +.62UDC -.10FTC 99%R 4/2018

COYNE-FARMS RUDOLPH DAFFY +1647 G
USA 18044589 100%RHA-NA
4-09 90 VEEVE GMD DOM 10/25/1997
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1709 157270 3.2 5079 2.8 4370

DIXIE-LEE AARON-ET +1297 G
USA 2265005 100%RHA-NA TY TV TL
CAN 04Y VG 88 GM 8/04 09/23/1994

PASEN PRESCOTT MICHELLE-ET +1787 G
USA 17205442 100%RHA-NA
9-09 91 EEEEE 3E GMD DOM 11/15/1996
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 2336 190220 4.0 7657 3.1 5840

O-BEE MANFRED JUSTICE-ET +1935 G
USA 122358313 100%RHA-NA TR TY 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

WESSWOOD-HC RUDY MISSY-ET +1787 G
USA 122797679 100%RHA-NA TV
9-00 92 EEEEE 3E GMD DOM 08/08/1997
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
LIFE 1262 119610 4.1 4885 3.2 3804

OUT-JOCK CHOICE AMEL-ET +1353 G
USA 2231596 100%RHA-NA TY TV TL
5-02 85 +++E GM 8/03 01/25/1993

END-ROAD MATHIE BIG BANG-ET +1708
USA 15458228 100%RHA-NA
4-08 85 +VV+V DOM 06/30/1994
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-10 2 352 27030 96 3.8 1022 3.3 895 96

JESTHER-ET +1410 G
FRA 5994022699 100%RHA-NA CV TL
10/20/1994
PTA +614M -6F +14P 98%R 4/2018
PTA -.88T -1.28UDC +.51FLC 97%R 4/2018

PECKENSTEIN TERRY NIKE-ET +1491 G
USA 122926819 100%RHA-NA CV
2-05 85 VVV+V GMD DOM 04/04/1998
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
2-01 2 365 34580 94 3.8 1319 3.1 1079 94

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

OLMO PRELUDE TUGOLO +1865 G
ITA 908017670 99%RHA-I MF TY TV
08/22/1993
PTA -459M +50F -1P 99%R 4/2018
PTA -1.67T -1.36UDC +.34FLC 97%R 4/2018

COOKSVALLEY-ML CARLOTTA-ET +1367
USA 15013632 100%RHA-NA
6-02 91 EEVEV 2E GMD DOM 03/01/1993
*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
APT 2-07 2 305 24340 4.5 1100 3.7 903 V
365 27120 4.5 1207 3.7 997 V
* 5-02 3 305 29260 94 3.7 1079 3.3 958 94

Protein reported is true protein.

005390718 43318488 6/14/2018