



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

www.holsteinusa.com

CLEAR-ECHO ALTAPRIMO-ET P9 77K GTPI 93%R
+2395 G
USA 71974249 99%RHA-I TR TP TC TY TV TL

PTA +963M +69F +50P 96%R 4/2018
PTA +630NM +.12%F +.07%P 67%US
PTA +3.4PL 2.75SCS +1.3DPR 5.8%DCE
PTA +.79T +.95UDC +.40FLC 90%R 4/2018
PTA +175FE +1.3FI 7.8%SCE
D/AV 27869M 4.0%F 1116F 3.2%P 884P 78.6T

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

LONG-LANGS OMAN OMAN-ET HD GTPI 99%R
+2018 G
USA 135746776 100%RHA-NA TY TV TL TD
4-11 85 VVV+ GM 12/13 04/30/2004

PTA +440M +3%F +41P 99%R 4/2018
PTA +287NM +.08%F +.10%P 22%US
PTA -.9PL 3.00SCS +.8DPR 5.4%DCE
PTA +.21T +.34UDC -.69FLC 99%R 4/2018

AMIGHETTI SHOTTLE AVE 50K GTPI 91%R
+1961 G
ITA 17990346074 100%RHA-NA
03/01/2006

PTA -578M +19F -13P 92%R 4/2018
PTA +225NM +.15%F +.02%P
PTA +3.4PL 2.72SCS +1.8DPR 8.1%DCE
PTA +1.66T +1.29UDC +1.64FLC 91%R 4/2018

AMIGHETTI NUMERO UNO-ET 50K GTPI 99%R
+2336 G
ITA 17990915143 100%RHA-NA TR TP TY TV
GM 8/15 07/15/2010

PTA -334M +53F +5P 99%R 4/2018
PTA +474NM +.25%F +.06%P 22%US
PTA +3.4PL 2.59SCS +3.7DPR 5.9%DCE
PTA +2.04T +2.21UDC +.61FLC 99%R 4/2018
PTA +75FE +3.7FI 7.5%SCE

LONG-LANGS OMAN OMAN-ET HD GTPI 99%R
+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 -.9PL 3.00SCS +.8DPR 5.4%DCE
PTA +.21T +.34UDC -.69FLC 99%R 4/2018

CLEAR-ECHO M-O-M 2213-ET 50K GTPI 90%R
+2245 G
USA 68669813 99%RHA-I
2-06 86 VVVVV DOM 07/24/2010

PTA +1543M +61F +65P 91%R 4/2018
PTA +554NM +.01%F +.06%P
PTA +2.3PL 2.91SCS -.2DPR 6.3%DCE
PTA +.31T +.07UDC -.70FLC 90%R 4/2018
PTA +186FE +0.1FI 6.7%SCE
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-04 3 305 28940 96 4.0 1171 3.1 899 96
365 34370 96 4.0 1370 3.2 1085 96
*** 3-08 3 305 37740 96 4.0 1493 3.2 1203 96
365 42880 96 4.0 1725 3.3 1394 96
*** 5-02 3 305 33810 96 4.0 1357 3.3 1106 96
365 39090 96 4.0 1564 3.3 1282 96
*** 6-05 3 305 33640 95 4.1 1396 3.2 1079 91
336 36100 95 4.1 1490 3.2 1163 91
LIFE 1680 170900 4.1 6983 3.3 5634

CLEAR-ECHO 822 LAUD 1266-ET 50K GTPI 92%R
+1811 G
USA 61765094 99%RHA-I TL
5-03 91 VEEVE DOM 03/31/2005

PTA +2176M +10F +47P 92%R 4/2018
PTA +236NM -.24%F -.07%P
PTA +1.2PL 3.16SCS -1.1DPR 8.5%DCE
PTA -.20T -.40UDC -.33FLC 91%R 4/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-00 3 305 32590 95 3.2 1043 2.9 938 95
365 39470 95 3.2 1245 2.9 1137 95
*** 4-02 3 305 37180 95 3.2 1189 2.8 1040 95
365 44440 95 3.1 1399 2.8 1264 95
LIFE 1648 162020 3.3 5291 3.0 4795

REGION 1 ELITE PERFORMER

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 +324NM +.11%F +.08%P 58%US
PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

WINNING-WAY MARCI-ET 50K GTPI 89%R
+1602 G
USA 130677626 100%RHA-NA CV
7-04 89 EEEVV 09/24/2000

PTA -99M +23F +24P 89%R 4/2018
PTA -.22T -.51UDC -1.73FLC 88%R 4/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
** 1-11 2 305 26520 94 4.6 1226 3.4 904 94
365 32010 94 4.8 1544 3.4 1098 94
** 5-03 2 305 29460 96 4.4 1308 3.3 965 96
** 6-07 2 305 16680 93 4.1 685 3.8 628 93
365 19970 93 4.0 793 3.8 763 93

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 +181NM +.03%F -.02%P 13%US
PTA +1.16T +.68UDC +.35FLC 99%R 4/2018

AMIGHETTI IRON ALUNDRA PTPI
+1497
ITA 17990048241 100%RHA-NA
01/07/2004
PTA -835M# -12F# -21P# 33%R 4/2018
PTA -.56T# -.64UDC# -.96FLC# 33%R 4/2018

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 +324NM +.11%F +.08%P 58%US
PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

WINNING-WAY MARCI-ET 50K GTPI 89%R
+1602 G
USA 130677626 100%RHA-NA CV
7-04 89 EEEVV 09/24/2000

PTA -99M +23F +24P 89%R 4/2018
PTA -.22T -.51UDC -1.73FLC 88%R 4/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
** 1-11 2 305 26520 94 4.6 1226 3.4 904 94
365 32010 94 4.8 1544 3.4 1098 94
** 5-03 2 305 29460 96 4.4 1308 3.3 965 96
** 6-07 2 305 16680 93 4.1 685 3.8 628 93
365 19970 93 4.0 793 3.8 763 93

LAUDAN-ET +1831 G
DEU 578448776 98%RHA-I TV TL
GM 8/08 10/11/1998
PTA +417M +7F +19P 99%R 4/2018
PTA +276NM -.03%F +.02%P 1%US
PTA -.70T -.08UDC +.30FLC 99%R 4/2018

CLEAR-ECHO HERSHL D-RAC 822 IMP GTPI 87%R
+1625 G
USA 60427332 100%RHA-NA
5-01 87 VVVVV DOM 09/12/2001

PTA +1956M +4F +37P 87%R 4/2018
PTA -.02T -.92UDC +.35FLC 85%R 4/2018
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-01 3 305 31130 97 2.9 898 2.8 869 97
365 36240 97 2.9 1062 2.8 1023 97
*** 4-05 3 305 34570 96 3.1 1084 2.6 900 96
365 40830 96 3.1 1273 2.6 1081 96
*** 5-11 3 305 25180 97 3.0 747 2.9 720 97
330 26270 97 3.1 815 2.9 763 97
LIFE 1641 152450 3.1 4692 2.8 4343

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

DIXIE-LEE AARON-ET +1297 G
USA 2265005 100%RHA-NA TY TV TL
CAN 04Y VG 88 GM 8/04 09/23/1994
PTA -215M -36F +6P 99%R 4/2018
PTA -.30T +.19UDC +1.33FLC 99%R 4/2018

PETICOTE BWOOD MOZZETTA-ET +1490
USA 15930909 100%RHA-NA
2-10 85 +V+V GMD DOM 01/11/1996
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-04 2 365 26920 100 3.8 1017 3.3 898 100

CAROL PRELUDE MTOTO-ET +1700 G
ITA 6001001962 100%RHA-NA TV TL
GM 1/08 07/13/1993
CONDON AERO SHARON +1430 G
CAN 5373153 100%RHA-NA
01/20/1991

BOSS IRON-ET +1696 G
DEU 341037501 100%RHA-NA TV TL
GM 1/08 07/17/1996
PTA -1010M +4F -26P 99%R 4/2018
PTA +.80T +.43UDC -.08FLC 99%R 4/2018

AMIGHETTI RUDOLPH NIKKI-ET +1304
ITA 91196051165 100%RHA-NA
01/15/2001

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

DIXIE-LEE AARON-ET +1297 G
USA 2265005 100%RHA-NA TY TV TL
CAN 04Y VG 88 GM 8/04 09/23/1994
PTA -215M -36F +6P 99%R 4/2018
PTA -.30T +.19UDC +1.33FLC 99%R 4/2018

PETICOTE BWOOD MOZZETTA-ET +1490
USA 15930909 100%RHA-NA
2-10 85 +V+V GMD DOM 01/11/1996
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 2-04 2 365 26920 100 3.8 1017 3.3 898 100

LUKAS +1754 M
DEU 133479 97%RHA-I
02/16/1992

SCHILLING RAIDER BRISANZ +1160
DEU 576302497 100%RHA-NA
12/10/1993

LEXVOLD LUKE HERSHEL-ET +1291 G
USA 2294436 100%RHA-NA TY TV TL
GM 8/04 07/30/1995
PTA +571M -10F +9P 99%R 4/2018
PTA -1.28T -1.21UDC +.28FLC 99%R 4/2018

CLEAR-ECHO DECISN L-RAC 505 +1681 G
USA 123563594 100%RHA-NA TV
6-10 86 VEV+V GMD DOM 05/22/1999
AGE X DAYS MILK DCRM % FAT % PRT DCRC
*** 5-01 3 365 39390 96 3.9 1528 2.9 1158 96
*** 6-03 3 365 33770 96 4.1 1400 3.1 1037 96
LIFE 1849 150760 4.2 6372 3.2 4823

Protein reported is true protein.

005390718 43318473 6/14/2018