



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



99% Registered Holstein Ancestry (RHA-I)

www.holsteinusa.com

COOKIECUTTER ALTAITOS-ET P9 77K GTPI 92%R +2291 G
 840003010607226 99%RHA-I TR TP TC TY TV

PTA +1146M +39F +47P 95%R 4/2018
 PTA +529NM -.01%F +.04%P 82%US
 PTA +3.9PL 2.74SCS -.3DPR 3.9%DCE
 PTA +1.43T +1.44UDC +.81FLC 88%R 4/2018
 PTA +125FE -0.1FI 7.4%SCS
 D/AV 28202M 3.8%F 1080F 3.2%P 892P 77.7T

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

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

PINE-TREE LEIF SUZY-ET 50K GTPI 92%R +2059 G
 USA 66882395 98%RHA-I
 7-02 91 EEEEE DOM 05/14/2009

PTA +474M +28F +19P 93%R 4/2018
 PTA +360NM +.04%F +.02%P
 PTA +4.1PL 2.42SCS +.0DPR 6.2%DCE
 PTA +.48T +.33UDC +1.39FLC 92%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 * 5-02 3 338 39350 99 3.4 1332 3.1 1213 87
 * 6-03 3 365 37510 98 4.1 1533 2.9 1100 87
 LIFE 2111 212250 3.8 8107 3.1 6580

PINE-TREE ALTAOAK-ET 50K GTPI 99%R +2327 G
 USA 69169951 99%RHA-I TR TP TC TY TV TL
 07/07/2011

PTA +1905M +66F +55P 99%R 4/2018
 PTA +588NM -.02%F -.01%P 56%US
 PTA +4.0PL 2.65SCS -2.1DPR 5.5%DCE
 PTA +1.35T +1.11UDC +.64FLC 99%R 4/2018
 PTA +139FE -2.1FI 8.2%SCS

COOKIECUTTER MOM HALO-ET 50K GTPI 94%R +2218 G
 840003007069733 100%RHA-NA
 2-09 88 VV+VE DOM 04/22/2010

PTA +412M +49F +29P 95%R 4/2018
 PTA +371NM +.12%F +.06%P
 PTA +.7PL 2.92SCS -.3DPR 5.4%DCE
 PTA +2.39T +2.34UDC +.62FLC 95%R 4/2018
 PTA +106FE +0.3FI 6.5%SCS
 ** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-00 3 305 31070 90 5.2 1608 3.4 1066 90X
 365 35280 90 5.2 1819 3.5 1237 90X

LONG-LANGS OMAN OMAN-ET HD GTPI 99%R +2018 G
 USA 135746776 100%RHA-NA TR 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

COOKIECUTTER GLD HOLLER-ET 50K GTPI 93%R +1841 G
 USA 62914715 100%RHA-NA
 2-11 88 VVV+E DOM 03/01/2006

PTA +391M +13F +14P 93%R 4/2018
 PTA +79NM -.01%F +.01%P
 PTA -.6PL 2.87SCS -2.4DPR 7.7%DCE
 PTA +2.07T +1.93UDC +1.15FLC 92%R 4/2018
 ** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-03 3 305 34330 90 3.6 1223 2.9 981 89
 365 40730 90 3.5 1410 2.9 1172 89

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

RI-VAL-RE JESTHER NILLIE-ET IMP GTPI 84%R +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

LEIF +1930 G
 DEU 344825401 97%RHA-I TV TL
 07/03/1999

PTA -228M +33F +4P 98%R 4/2018
 PTA +262NM +.16%F +.04%P 1%US
 PTA -.10T +.25UDC +.65FLC 96%R 4/2018

PINE-TREE MONICA SUZY-ET 50K GTPI 93%R +1858 G
 USA 62443691 100%RHA-NA
 3-02 87 VEV+V DOM 01/17/2006

PTA +582M +10F +17P 93%R 4/2018
 PTA +.61T +.37UDC +.45FLC 93%R 4/2018
 *** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** 2-02 3 305 29360 97 3.8 1120 3.0 888 89

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 EEVVV 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

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

MS KNKS-RNSM CHAMP HALEY-ET 50K GTPI 90%R +1562 G
 USA 61624280 100%RHA-NA
 4-11 90 EEVEE GMD DOM 12/22/2003

PTA +347M +3F +7P 90%R 4/2018
 PTA +.41T -.28UDC +.26FLC 90%R 4/2018
 ** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 2-06 3 305 27740 85 4.7 1314 2.9 817 85
 365 33190 85 4.7 1545 3.0 982 85
 ** 3-11 3 305 37790 85 3.7 1404 2.9 1080 85
 365 43690 85 3.7 1625 2.9 1274 85

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

INA 88 +1332
 DEU 341024460 96%RHA-I 01/19/1997

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

PINE-TREE MISSY MONICA-ET +1805 G
 USA 61733085 100%RHA-NA
 5-00 85 VVV++ GMD DOM 03/23/2004

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 *** LIFE 1353 132320 3.6 4827 3.1 4057

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 EEVEE 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

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

CALBRETT-I H H CHAMPION-ET +1418 G
 CAN 6961162 100%RHA-NA BY TV TL
 CAN EX GM 1/08 08/06/1997

PTA +528M -1F +6P 99%R 4/2018
 PTA +.20T -.91UDC -1.13FLC 99%R 4/2018

REGANCREST-JDV HANNA-ET +1496 G
 USA 60602051 100%RHA-NA TV
 5-01 90 EEVVE GMD DOM 09/01/2001

*** AGE X DAYS MILK DCRM % FAT % PRT DCRC
 ** 2-02 3 365 37210 97 4.4 1635 3.2 1187 90X
 ** 4-07 3 305 39510 96 4.3 1704 3.0 1173 88
 365 45110 96 4.3 1922 3.0 1364 88

Protein reported is true protein.

005390718 43318492 6/14/2018