



OFFICIAL HOLSTEIN PEDIGREE

Holstein Association USA, Inc.



100% Registered Holstein Ancestry (RHA-NA)

NO-FLA ALTAEVERGLADE-ET 50K GTPI 97%R
 840003006559787 100%RHA-NA TR TP TC TY
 GM 12/16 +2336 G

PTA +545M +75F +45P 99%R 4/2018
 PTA +523NM +.20%F +.10%P 86%US
 PTA +.8PL 2.83SCS +1.3DPR 4.1%DCE
 PTA +.56T +.25UDC +1.38FLC 92%R 4/2018
 PTA +152FE +1.6FI 5.5%SCF
 D/AV 28494M 3.9%F 1119F 3.2%P 922P 80.0T

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

MASCOL-ET HD GTPI 99%R
 DEU 578891748 100%RHA-NA TV TL
 GM 4/11 +1945 G
 07/13/2000

PTA +56M +29F +23P 99%R 4/2018
 PTA +321NM +.10%F +.08%P 1%US
 PTA +2.2PL 2.80SCS +.5DPR 7.9%DCE
 PTA -.33T -.37UDC +.41FLC 98%R 4/2018

COYNE-FARMS YELENA CRI-ET 50K GTPI 93%R
 USA 61376428 100%RHA-NA TV
 2-08 85 +VV+V GMD DOM 08/20/2004 +1803 G

PTA +671M +13F +22P 94%R 4/2018
 PTA +158NM -.04%F +.01%P
 PTA +2.0PL 2.85SCS -.1DPR 8.7%DCE
 PTA -.39T +.28UDC +.15FLC 91%R 4/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-11 3 305 31610 102 3.6 1152 3.0 956 92
 365 36930 102 3.6 1336 3.1 1129 92
 ** 6-10 2 101 7250 3.4 245 2.6 191

CO-OP BOSSIDE MASSEY-ET 50K GTPI 99%R
 USA 63026939 100%RHA-NA TP TC TY TV TL
 GM 12/14 +2207 G
 02/05/2007

PTA +660M +41F +38P 99%R 4/2018
 PTA +432NM +.06%F +.06%P 44%US
 PTA +2.9PL 2.65SCS -.5DPR 6.2%DCE
 PTA +.93T +1.37UDC +.74FLC 99%R 4/2018
 PTA +97FE +0.2FI 7.0%SCF

NO-FLA OMAN TAWNY 23461-ET 50K GTPI 88%R
 USA 64455045 100%RHA-NA
 2-05 82 +VG++ DOM 11/25/2007 +1915 G

PTA +548M +41F +37P 89%R 4/2018
 PTA +291NM +.07%F +.07%P
 PTA +1.2PL 3.03SCS +1.1DPR 7.6%DCE
 PTA -.62T -1.62UDC +.56FLC 86%R 4/2018
 PTA +108FE +0.9FI 5.4%SCF
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-09 3 305 22430 102 4.0 904 3.1 699 87
 * 2-11 3 305 25970 102 4.5 1178 3.0 786 90
 * 3-11 3 305 28810 102 4.4 1277 3.1 907 90
 * 5-11 3 305 32580 102 4.0 1291 3.0 974 90
 LIFE 1739 147060 4.2 6234 3.2 4740

O-BEE MANFRED JUSTICE-ET HD GTPI 99%R
 USA 122358313 100%RHA-NA TR TV TL TD
 7-07 94 EEEE GM 12/11 03/08/1998 +1935 G

PTA +196M +38F +27P 99%R 4/2018
 PTA +324NM +.11%F +.08%P 58%US
 PTA +2.4PL 2.85SCS +2.6DPR 6.7%DCE
 PTA -1.24T -1.45UDC -.06FLC 99%R 4/2018

NO-FLA DUSTER 17449-ET 50K GTPI 84%R
 USA 61354073 100%RHA-NA
 12-00 93 EEVEE 4E 11/01/2003 +1449 G

PTA -59M -28F -6P 87%R 4/2018
 PTA -57NM -.10%F -.02%P
 PTA +1.7PL 2.97SCS +1.3DPR 10.2%DCE
 PTA -.81T -.88UDC -.16FLC 80%R 4/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-10 3 305 23990 102 2.7 659 2.8 682 86
 * 3-01 3 305 25520 102 3.2 822 2.9 746 84
 * 4-07 3 305 27480 101
 * 5-10 3 305 27460 102 3.6 975 2.9 788 89
 * 7-00 3 305 27900 102 3.9 1086 2.7 746 88
 * 8-09 3 305 23130 102 3.3 753 2.8 643 89
 * 10-00 3 305 25050 102 2.7 664 2.6 661 91
 * 11-02 3 304 28090 102 2.6 718 2.6 741 88
 *** 12-02 3 305 24790 102 3.1 767 2.7 658 90
 333 26000 102 3.1 801 2.7 691 90
 LIFE 3284 264460 3.1 8129 2.8 7383

CAROL PRELUDE MTOTO-ET +1700 G
 ITA 6001001962 100%RHA-NA TV TL
 GM 1/08 07/13/1993
 PTA +301M +9F -1P 99%R 4/2018
 PTA +135NM -.01%F -.04%P 4%US
 PTA -.71T -.73UDC -.04FLC 99%R 4/2018

ELAINE PTPI 46%R
 NLD 211251345 100%RHA-NA +1543
 02/27/1998
 PTA -101M# -8F# +10P# 44%R 4/2018
 PTA -.77T -.55UDC -1.00FLC 50%R 4/2018

PECKENSTEIN FORM BRET-ET +1776 G
 USA 120745603 100%RHA-NA CV TM TY TL
 9-03 94 EEEV 09/14/1997
 PTA -101M -22F -4P 99%R 4/2018
 PTA +118NM -.07%F +.00%P 72%US
 PTA -.20T +.62UDC -.10FLC 99%R 4/2018

MILKWORTH MANFRED YADDA 50K GTPI 93%R
 USA 127281274 100%RHA-NA +1944 G
 3-03 86 VEVGV GMD DOM 04/11/1999
 PTA +1315M +50F +47P 93%R 4/2018
 PTA -.20T +.54UDC +.32FLC 91%R 4/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 1-11 3 305 29780 99 4.0 1189 3.0 901 96
 365 35730 99 4.0 1435 3.1 1092 96
 *** 3-05 3 305 25980 100 4.3 1111 3.6 926 97
 365 31210 100 4.3 1334 3.6 1110 97
 *** 5-05 3 140 11140 3.7 414 2.9 320

HA-HO CUBBY MANFRED-ET +1548 G
 USA 2183007 100%RHA-NA TV TL
 5-07 82 +GVV GM 8/03 12/07/1991
 PTA +494M +11F +14P 99%R 4/2018
 PTA +100NM -.03%F +.00%P 44%US
 PTA -2.57T -2.59UDC -.41FLC 99%R 4/2018

MEIER-MEADOWS EL JEZEBEL-ET 50K GTPI 95%R
 USA 15459080 100%RHA-NA CV BL
 5-02 92 EVEVE GMD DOM 06/30/1994 +1578 G
 PTA -622M -1F +2P 95%R 4/2018
 PTA +.31T -.73UDC +.66FLC 95%R 4/2018
 DHR 2-02 2 305 24800 4.0 991 3.4 834
 365 29430 3.9 1161 3.4 996
 *** 4-02 2 305 30800 100 4.5 1371 3.3 1018 100
 365 35082 100 4.4 1539 3.3 1167 100

PEN-COL DUSTER-ET +1559 G
 USA 2147486 100%RHA-NA TV TL TD
 9-06 89 EEV GM 8/04 08/22/1990
 PTA +12M -38F +2P 99%R 4/2018
 PTA +43NM -.14%F +.01%P 89%US
 PTA -1.34T -1.26UDC -.57FLC 99%R 4/2018

SPLENDOR-RIDGE TASSEL PTPI 55%R
 USA 17059862 100%RHA-NA +1436
 6-08 91 EEEEE 2E 05/11/1996
 PTA -196M +8F -14P 65%R 4/2018
 PTA -1.26T# -1.17UDC# -.42FLC# 33%R 4/2018
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-01 3 305 23210 98 3.5 801 2.8 650 85
 * 3-03 3 305 26210 102 3.8 988 2.9 768 86
 * 4-05 3 305 27640 102 3.8 1051 2.8 786 79
 * 5-06 3 305 33270 102 3.6 1208 2.9 958 83
 * 6-07 3 222 18620 3.6 677 2.7 509
 LIFE 1573 136650 3.7 5000 2.9 3918

RONNYBROOK PRELUDE-ET +1264 G
 CAN 392457 100%RHA-NA TL TD
 CAN 05Y GP 81 GM 8/97 08/14/1986
DIXIE-LEE BSTAR BETSIE-ET +1621 G
 USA 14459466 100%RHA-NA
 03/31/1991

STARTMORE RUDOLPH-ET +1563 G
 CAN 5470579 100%RHA-NA TV TL
 15-02 85 VV+V GM 8/07 07/17/1991
 PTA +86M -13F +1P 99%R 4/2018
 PTA -1.03T -1.05UDC -1.97FLC 99%R 4/2018

528 DELTA EUGENIE-ET +1407 G
 USA 17294432 100%RHA-NA
 02/16/1993
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 NLD 2-02 2 311 22161 4.3 942 3.6 798

SHEN-VAL NV LM FORMATION-ET +1313 G
 USA 2163822 100%RHA-NA TY TV TL
 6-03 85 +VVV GM 2/01 01/16/1991
PECKENSTEIN ESQMO CARLEY-ET +1572 G
 USA 15840908 100%RHA-NA CV
 7-09 90 EEEVV DOM 09/09/1995

AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1403 126600 3.8 4820 3.4 4265
HA-HO CUBBY MANFRED-ET +1548 G
 USA 2183007 100%RHA-NA TV TL
 5-07 82 +GVV GM 8/03 12/07/1991

PTA +494M +11F +14P 99%R 4/2018
 PTA -2.57T -2.59UDC -.41FLC 99%R 4/2018
MILKWORTH MEGABUCK YEN +1463
 USA 17326065 100%RHA-NA
 3-00 83 +V+GV 03/22/1997
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 2-11 2 305 25380 95 4.0 1020 3.0 762 80

OSDEL-ENDEAVOR BOVA CUBBY +1072 G
 USA 1986164 100%RHA-NA TV TL TD
 8-09 94 EEEE GM 8/97 01/16/1985

HA-HO TESK MELANIE +1321
 USA 13066986 100%RHA-NA TL
 5-02 87 VVEV DOM 04/10/1987
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 DHR 3-08 2 305 26730 3.8 1022 3.1 820

EMPRISE BELL ELTON +1300 G
 USA 1912270 100%RHA-NA CV BL TD
 11-00 95 EEEE 01/25/1983
 PTA -316M -11F -2P 99%R 4/2018
 PTA -1.84T -1.97UDC +.95FLC 99%R 4/2018

MEIER-MEADOWS MELWOOD JACKI +1281
 USA 13751565 100%RHA-NA
 4-04 87 EEVVV DOM 06/17/1989
 AGE X DAYS MILK DCRM % FAT % PRT DCRC
 LIFE 1732 101730 3.6 3686 2.9 2957

TO-MAR BLACKSTAR-ET +1204 G
 USA 1929410 100%RHA-NA TV TL TD
 7-09 93 EEE GM 1/96 05/17/1983

BAYVILLE-HP SECRET DAWN +1449
 USA 13454607 100%RHA-NA BL
 3-06 87 VV+E DOM 05/26/1988

CAERNARVON JOGGER-ET +1339 G
 CAN 401787 100%RHA-NA TL
 CAN 05Y GP 81 08/20/1988
 PTA -1259M -10F -38P 97%R 4/2018
 PTA -.81T -.05UDC +.30FLC 96%R 4/2018

SPLENDOR-RIDGE TAWNY +1209
 USA 15423078 100%RHA-NA
 3-01 86 VVE+V 05/14/1994
 * AGE X DAYS MILK DCRM % FAT % PRT DCRC
 3-08 3 305 30460 98 3.5 1079 2.9 871 88
 * 5-01 3 305 28020 101 3.8 1055 3.1 860 83
 LIFE 1880 168490 3.6 6027 3.0 5002

Protein reported is true protein.

005390718 43318528 6/14/2018