



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: 840003132923889 M PENN-ENGLAND BARCLAY-ET
DOB: 02/12/2018 M19122036

SIRE: 840 3131992850 LEANINGHOUSE BIG BUBBA-ET
DAM: 840 3131910338 ENGLAND-AMMON RCN BIANCA-ET

BM1818	262/266
BM1824	178/188
BM2113	135/137
CYP21	189/198
ETH10	219/223
ETH225	148/150
ETH3	117/117
INRA023	202/214
RM067	92 /102
SPS115	248/248
TGLA126	117/117
TGLA122	163/171
TGLA227	89 /103
TGLA53	160/168
MGTG4B	135/141
SPS113	151/151

Parentage Status: Sire and Dam Qualify

Date Tested: 03/25/2019
Date Issued: 06/26/2019

The allele sizes reported have been adjusted to animal #1 of the 1995 USA/CS-ISAG comparison test.