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FOR MAXIMUM PROFIT



Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: USA 70346709 M SPRUCE-HAVEN ALTAOMEGA-ET
DOB: 02/12/2012 M12090435

SIRE: USA 62942427 LOTTA-HILL SHOTTLE 41-ET
DAM: USA 66758737 SPRUCE-HAVEN MOM 11980-ET

BM1818 262/266
BM1824 178/180
BM2113 127/135
CYP21 187/200
ETH10 219/225
ETH225 148/150
ETH3 129/129
INRA023 202/210
RM067 90 /96
SPS115 248/248
TGLA126 117/117
TGLA122 161/171
TGLA227 81 /97
TGLA53 160/184
MGTG4B 135/141
SPS113 153/155

Parentage Status: Qualifies

Date Tested: 09/14/2012
Date Issued: 09/14/2012

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