



U.S. Registered Holsteins
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: USA 145466934 M PINE-TREE BIG GUN-ET
DOB: 10/12/2022 M24140006

SIRE: 840 3216574976 OCD ALPHABET MAGNUM-ET
DAM: 840 3150675490 PINE-TREE 7593 PURS 8418-ET

BM1818 264/266
BM1824 178/188
BM2113 127/139
CYP21 189/200
ETH10 219/223
ETH225 148/150
ETH3 117/129
INRA023 202/214
RM067 92 /92
SPS115 248/248
TGLA126 117/117
TGLA122 149/163
TGLA227 87 /103
TGLA53 162/186
MG TG4B 135/145
SPS113 151/155

Parentage Status: Sire and Dam Qualify

Date Tested: 08/07/2024
Date Issued: 08/07/2024

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