



Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: 840003142490309 M MR T-SPRUCE FRAZZ LIONEL-ET
DOB: 05/22/2017 M18120271

SIRE: USA 74261651 MELARRY JOSUPER FRAZZLED-ET
DAM: 840 3132344381 NO-FLA MONTROSS 42446-ET

BM1818	262/266
BM1824	178/178
BM2113	127/135
CYP21	187/189
ETH10	223/225
ETH225	148/148
ETH3	117/129
INRA023	202/206
RM067	92 /92
SPS115	248/252
TGLA126	115/117
TGLA122	149/163
TGLA227	89 /91
TGLA53	184/186
MGTG4B	145/153
SPS113	147/151

Parentage Status: Sire and Dam Qualify

Date Tested: 09/25/2018
Date Issued: 10/29/2019

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