



Holstein Association USA, Inc.

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DNA GENOTYPE CERTIFICATE

NAME: 840003145885494 M HOLLERMANN ROLAN RUBEN-ET
DOB: 03/21/2018 M19121982

SIRE: CAN 12529277 PROGENESIS MODEST ROLAN512-ET
DAM: 840 3135551924 HOLLERMANN DELTA 436Y-ET

BM1818 262/264
 BM1824 178/178
 BM2113 135/135
 CYP21 189/189
 ETH10 219/225
 ETH225 148/148
 ETH3 117/129
 INRA023 202/206
 RM067 92 /92
 SPS115 252/260
 TGLA126 117/117
 TGLA122 163/183
 TGLA227 91 /91
 TGLA53 160/184
 MGTG4B 135/141
 SPS113 147/151

Parentage Status: Sire and Dam Qualify

Date Tested: 03/25/2019
Date Issued: 05/31/2019

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