



U.S. Registered Holsteins  
FOR MAXIMUM PROFIT

Holstein Association USA, Inc.

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## DNA GENOTYPE CERTIFICATE

**NAME:** 840003247091594 M PEN-COL FROST GEM-ET  
**DOB:** 09/23/2022 M23137004

**SIRE:** 840 3220234128 T-SPRUCE G FROST BITE-ET  
**DAM:** 840 3227859381 PEN-COL GAMEDAY GLAMOUR-ET

BM1818 262/266  
BM1824 178/180  
BM2113 125/135  
CYP21 187/200  
ETH10 209/223  
ETH225 146/150  
ETH3 117/127  
INRA023 202/210  
RM067 92 /92  
SPS115 248/252  
TGLA126 117/117  
TGLA122 143/163  
TGLA227 89 /89  
TGLA53 158/168  
MG TG4B 135/149  
SPS113 147/151

**Parentage Status:** Sire and Dam Qualify

**Date Tested:** 10/24/2023  
**Date Issued:** 09/05/2024

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