

Sample Reception, CDEVQ
Diagnostic Services
Faculty of Veterinary Medicine
University of Montreal, 3220 Sicotte St.
Saint-Hyacinthe, Quebec, Canada J2S 2M2

DNA Analysis Report

Name: Night Watch Royal Purple of Secret Haven (Gypsy)
Breed: Scottish Deerhound **Sex:** female **Age:** 2019/05/24
I.D.: microchip # 990 000 001 207 721
Dossier:
Owner: Michèle Fink
Address: 10769 Hulbert Road, Brinston, Ontario. K0E 1C0
Telephone: 613-315-3815
e-mail: fink.michele@yahoo.ca

Received: 2020-10-23
Analysis: 2020-10-31
Sample: 2416354
Case: M542-06

Analysis for Coagulation Factor VII Deficiency (*F7* gene, c.407 G>A, exon5)

Result: **M/N**

Interpretation of Codes:

N/N Homozygous for the normal *F7* gene (two normal copies)
M/N Heterozygous for the mutation of the *F7* gene (one normal copy, one mutated copy)
M/M Homozygous for the mutation of the *F7* gene (two mutated copies)

N/N Homozygous (clear): The animal is homozygous normal for the *F7* gene. The animal is not at risk of developing Coagulation Factor VII Deficiency. If the animal is used for reproduction, it will transmit the normal gene to 100% of its descendants.

M/N Heterozygous (carrier): The animal is heterozygous (carrier) for the mutation of the *F7* gene. The animal is not at risk of developing Coagulation Factor VII Deficiency. If the animal is used for reproduction, it will transmit the mutation to 50% (on average) of its descendants.

M/M Homozygous (at risk): The animal is homozygous mutated for the *F7* gene. The animal is at risk of developing Coagulation Factor VII Deficiency. If the animal is used for reproduction, it will transmit the mutation to 100% of its descendants.



Dr. David W. Silversides, DMV, PhD