

Genetic Testing Report

Doro 5725**Submitted By**

Puppy Lodge

Subject DogDog Name: **Doro 5725**Breed: **Pomsky**Phenotype: **black & white**Sex: **Female**Birth: **Sep 21, 2024**Lab Reference #: **995644**Microchip: **900219001715725****Disorder Results (2 of 12)**

DM	n/DM	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
vWD1	n/n	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

Color Results (5 of 12)

A-Locus	aw/at	Dog is wild-sable and carries the gene responsible for tan points.
B-Locus	B/b	Dog carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	D/d	Heterozygous: Dog carries one copy of the d1 mutation associated with a diluted coat color and may pass the mutation to offspring.
E-Locus (E, EM, eA, eW, e)	e ^A /e	Dog carries one copy of ancient red, and one copy of cream/yellow.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

Pattern Results (1 of 12)

S-Locus	S/S	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.
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Trait Results (4 of 12)

Curl 1&2	n/n	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	n/n	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	l ¹ /l ²	Two copies of the long hair allele, dog will have longer than average hair
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.