

# Genetic Testing Report

**Luxary**
**Submitted By**

Puppy Lodge

**Subject Dog**

 Dog Name: **Luxary**  
 Breed: **Pomsky**  
 Phenotype: **chocolate merle**  
 Sex: **Female**  
 Birth: **Aug 3, 2021**

 Lab Reference #: **801790**  
 Microchip: **991003001243674**
**Disorder Results (2 of 12)**

DM	<b>n/DM</b>	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	<b>n/n</b>	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

**Color Results (5 of 12)**

A-Locus	<b>aw/at</b>	Dog is wild-sable and carries the gene responsible for tan points.
B-Locus	<b>b/b</b>	Dog has two copies of the brown/chocolate gene.
D-Locus	<b>D/d</b>	Heterozygous: Dog carries one copy of the d1 mutation associated with a diluted coat color and may pass the mutation to offspring.
E-Locus	<b>E/E</b>	Dog is negative for cream/yellow and negative for mask.
K-Locus	<b>n/n</b>	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	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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**Trait Results (4 of 12)**

Curl 1&2	<b>n/n</b>	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	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>L/l<sup>1</sup></b>	Dog carries one copy of the long hair allele.
Shedding	<b>SD/SD</b>	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.