

Genetic Testing Report

Jenny II

Submitted By

Puppy Lodge

Subject Dog

Dog Name: **Jenny II**
 Breed: **Pomsky**
 Phenotype: **Black & Tan**
 Sex: **Female**
 Birth:

Lab Reference #: **738753**

Disorder Results (2 of 13)

DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
vWD1	n/vWD1	Carrier: Dog carries one copy of the mutation associated with von Willebrand's Disease Type I.

Color Results (5 of 13)

A-Locus	at/at	Dog has two copies of the gene causing 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/E	Dog is negative for cream/yellow and negative for mask.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

Pattern Results (2 of 13)

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
S-Locus	n/S	Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds.

Trait Results (4 of 13)

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)	l¹/l²	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.