

Submitted By

Puppy Lodge

Subject Dog

Dog Name: **Landon**
 Breed: **Pomsky**
 Phenotype: **Chocolate Merle**
 Sex: **Male**
 Birth:

Lab Reference #: **738751****Disorder Results (2 of 13)**

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 13)

A-Locus	aw/at	Dog is wild-sable and carries the gene responsible for tan points.
B-Locus	b/b	Dog has two copies of the brown/chocolate gene.
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
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/M	Heterozygous: Dog has one copy of the merle allele
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.

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)	L/l¹	Dog carries one copy of the long hair allele.
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.