Animal Genetics

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Tallahassee, FL 32308

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Genetic Testing Report

Raine

Submitted By

Puppy Lodge

Subject Dog

Dog Name: **Raine**
Breed: **Pomsky**
Phenotype: **Black & White**
Sex: **Female**
Birth:

Lab Reference #: **738750**

Disorder Results (2 of 13)

DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
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	**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/KB**	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

Pattern Results (2 of 13)

Merle	**n/n**	Clear: Dog is negative for the mutation associated with merle.
S-Locus	**S/S**	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.

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/l[1]**	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.