

Genetic Testing Report

Snowflake**Submitted By**

Puppy Lodge

Subject Dog

Dog Name: **Snowflake**
Breed: **Siberian Husky**
Phenotype: **White**
Sex: **Female**
Birth: **Oct 21, 2021**

Lab Reference #: **801762**
Microchip: **900215006753954**

Disorder Results (1 of 11)

DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
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Color Results (5 of 11)

A-Locus	aw/aw	Dog is homozygous for wild-sable.
B-Locus	B/b	Dog carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	eW/eW	Dog has two copies of cream/yellow that may express as white.
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 11)

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.
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Trait Results (4 of 11)

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	Negative for long coat allele
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.