

Genetic Testing Report

Mound Lily

Submitted By

Puppy Lodge

Subject Dog

 Dog Name: **Mound Lily**
 Breed: **Siberian Husky**
 Phenotype: **black & white**
 Sex: **Female**
 Birth: **Jul 9, 2021**

 Lab Reference #: **802040**
 Microchip: **991003001246125**

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/at	Dog is wild-sable and carries the gene responsible for tan points.
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	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 (1 of 11)

S-Locus	S/S	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.
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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 ² /l ²	Two copies of the l ² long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.