Animal Genetics

Generated on: 03/21/2025

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Dana

Submitted By	Owned By
Puppy Lodge 33600 TR 219 Fresno OH, OH 43824 USA	Puppy Lodge 33600 TR 219 Fresno OH, OH 43824 USA

Subject Dog

Name: Dana
Breed: Pomsky
Phenotype: chocolate merle
Sex: Female
Birth: 01/06/2024

Lab Reference #: 895100
Sample Date: 03/18/2025
Research Date: 03/18/2025
Microchip: 900219001716333

Disorder Results(2 of 12)

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 12)

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 carries one copy of cream/yellow and is 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 12)

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 12)		
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.