

Genetic Testing Report

Zuzzie**Submitted By**

Puppy Lodge

Subject Dog

Dog Name: **Zuzzie**
Breed: **Pomsky**
Phenotype: **chocolate**
Sex: **Female**
Birth: **Oct 3, 2022**

Lab Reference #: **801799**
Microchip: **991003001244658**

Disorder Results (2 of 12)

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 12)

A-Locus	at/at	Dog has two copies of the gene causing 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 (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.