Animal Genetics

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Tallahassee, FL 32308

Generated on: 10/24/25

Genetic Testing Report

6401

Submitted By

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Subject Dog

Dog Name: **6401**
Breed: **Poodle**
Phenotype: **Merle Tri**
Sex: **Male**
Birth:

Lab Reference #: **941873**

Disorder Results (6 of 16)

CDPA	**N/N**	Clear: Dog is negative for the CDPA mutation.
CDDY	**N/N**	Clear: Dog is negative for the mutation associated with CDDY.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
NEwS	**n/n**	Clear: Dog is negative for mutation associated with NEwS.
PRA-prcd	**n/n**	Negative: Dog is negative for the mutation associated with prcd-PRA.
vWD1	**n/n**	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

Color Results (5 of 16)

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**	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus (E, EM, eA, eW, e)	**E/E**	Dog is negative for cream/yellow, mask, and ancient red.
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 16)

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 16)

Curl 1&2	**C^1/C^1**	The dog has two copies of the hair curl allele. The dog will have curly hair, and will always pass on a copy of the hair curl allele to any offspring. All offspring of this dog will have curly hair.
Furnishings	**F/F**	Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.
Hair Length (1-5)	**I^1/I^1**	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	**n/SD**	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.