



Animal Genetics

Generated on: 03/29/2023

3382 Capital Circle NE
Tallahassee, FL 32308

Buzz

Genetic Testing Report 4936-Male

Color Results(5 of 17)

A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate 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(2 of 17)

Merle	n/M	Heterozygous: Dog has one copy of the merle allele
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.

Trait Results(4 of 17)

Curl 1&2	n/C ¹	The dog will have curly hair, and carries the gene responsible for non-curly hair. The dog can pass on a copy of either allele to any offspring.
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)	l ¹ /l 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.



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Submitted By

Matthew Yoder

4460 Township Rd 617
Millersburg, OH 44654
USA

Owned By

Matthew Yoder

4460 Township Rd 617
Millersburg, OH 44654
USA

Subject Dog

Name: 4936-Male**Breed:** Poodle**Phenotype:** Merle tri**Sex:** Male**Birth:** 04/04/2022**Lab Reference #:** 691566**Sample Date:** 03/25/2023**Research Date:** 03/25/2023**Microchip:** 991003001634936

Sire

Sire: Bubbles**Breed:** Miniature Poodle**Phenotype:**

Disorder Results(6 of 17)

CDDY	N/C	At Risk: Dog has one copy of the CDDY mutation. Dog is at risk for IVDD and may pass the mutation to offspring.
CDPA	N/C	Affected: Dog is a carrier for the CDPA mutation and will have shorter legs compared to n/n dogs.
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-pred	n/n	Negative: Dog is negative for the mutation associated with pred-PRA.
vWD1	n/n	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.