

Genetic Testing Report

Nickolas

Submitted By

 Rachel Sontag
 Anchor Dogs

Subject Dog

 Dog Name: **Nickolas**
 Breed: **Toy Poodle**
 Phenotype: **Red**
 Sex: **Male**
 Birth: **Nov 4, 2024**

 Lab Reference #: **866989**

Disorder Results (6 of 17)

CDPA	N/N	Clear: Dog is negative for the CDPA mutation.
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.
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 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 has two copies of cream/yellow.
K-Locus	n/KB	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

Pattern Results (2 of 17)

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
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	C¹/C¹	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)	I¹/I¹	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.