Animal Genetics

Generated on: 10/21/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report
Poppy

Submitted By	Owned By
Robyn Floor 3713 Jackson Lake Rd NW Lakebay, WA 98349 USA	Robyn Floor 3713 Jackson Lake Rd NW Lakebay, WA 98349 USA

Subject Dog

Name: Poppy
Breed: Bernedoodle
Phenotype: Merle Tri
Sex: Female
Birth: 04/06/2026

Lab Reference #: 1003994
Sample Date: 10/13/2026
Research Date: 10/13/2026

Disorder Results(7 of 19)

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/N**	Clear: Dog is negative for the CDPA mutation.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
DM-B	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy-b.
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.

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Color Results(6 of 19)		
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, EM, eA, eW, e)	**E/E**	Dog is negative for cream/yellow, mask, and ancient red.
I Locus	**n/n**	Dog is negative for the allele associated with lighter phaeomelanin pigment.
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 19)		
Merle	**n/M**	Heterozygous: Dog has one copy of the merle allele
S-Locus	**n/n**	Negative: Dog is negative for the S-Locus. No white spotting will be present.
Trait Results(4 of 19)		
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)	**I^{1}/I^{1}**	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.