Animal Genetics

Generated on: 05/29/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report
Ella

Submitted By

Robyn Floor

3713 Jackson Lake Rd NW
Lakebay, WA 98349
USA

Owned By

Subject Dog

Name: Ella
Breed: Bernedoodle
Phenotype: Merle Tri
Sex: Female
Birth: 03/31/2026

Lab Reference #: 982905
Sample Date: 05/20/2026
Research Date: 05/20/2026

Disorder Results(8 of 20)

Bernedoodle Complete Panel (Coat Color, Coat Type, Disorders)		
CDDY	**N/N**	Clear: Dog is negative for the mutation associated with CDDY.
CDPA	**N/N**	Clear: Dog is negative for the CDPA mutation.
DM	**n/DM**	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
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 20)		
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 20)		
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 20)		
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	**n/F**	Furnished: Dog has one copy of the furnishings mutation and will be visibly furnished. The furnishings mutation may be passed to offspring.
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.