Animal Genetics

Generated on: 05/29/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report
Charlie

Submitted By

Robyn Floor

3713 Jackson Lake Rd NW
Lakebay, WA 98349
USA

Owned By

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3713 Jackson Lake Rd NW
Lakebay, WA 98349
USA

Subject Dog

Name: Charlie
Breed: Bernedoodle,Golden Mountain Dog
Phenotype: Merle brown tried
Sex: Male
Birth: 07/10/2025

Lab Reference #: 931490
Sample Date: 08/22/2025
Research Date: 05/20/2026

Dam

Dam: Rosie
Breed: Miniature Bernedoodle
Phenotype: Golden

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Disorder Results(9 of 21)		
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/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.
Golden Mountain Dog Complete Panel (Coat Color, Coat Type, Disorders)		
Intervertebral Disc Disease (IVDD) Panel		
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(6 of 21)		
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 carries one copy of cream/yellow and is negative for ancient red and mask.
I Locus	**Int/Int**	Dog has two copies 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.

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Pattern Results(2 of 21)		
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 21)		
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/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.