

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Palmer

Submitted By

Tammie Rendon

405 Hilltop Drive
Gulf Shores, AL 36542
USA

Owned By

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Subject Dog

Name: Palmer
Breed: Bernedoodle
Phenotype: Red
Sex: Male
Birth: 07/20/2024

Lab Reference #: 852455
Sample Date: 09/04/2024
Research Date: 09/04/2024
Microchip: 933000321090663

Sire

Sire: Yellow Brown
Breed: Miniature Bernedoodle
Phenotype: Chocolate tri

Disorder Results(5 of 16)

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(5 of 16)

A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	b/b	Dog has two copies of the brown/chocolate gene.
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/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

Pattern Results(2 of 16)

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 16)

Curl 1&2	n/n	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair 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)	l¹/l¹	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.