

Genetic Testing Report

Lavender Blues Jax

Submitted By

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California Goldendoodle Ranch

Subject Dog

Dog Name: **Lavender Blues Jax** Lab Reference #: **808933**
 Breed: **Aussiedoodle**
 Phenotype: **Chocolate Merle**
 Sex: **Male**
 Birth: **Mar 20, 2023**

Sire

Sire: Django Jr
 Breed: Poodle
 Phenotype: Red
 California Goldendoodle Ranch: PR22100202

Dam

Dam: Merida
 Breed: Aussiedoodle
 Phenotype: Chocolate Merle

Disorder Results (10 of 21)

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CEA	n/n	Negative: Dog is negative for the mutation associated with Collie Eye Anomaly.
CD	n/n	Clear: Dog is negative for the mutation associated with Cone Degeneration.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
HC	n/n	Clear: Dog is negative for the HSF4-HC gene mutation associated with bilateral posterior cataracts.
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
MDR1	n/n	Clear: Dog is negative for the mutation associated with MDR1.
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 21)

A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	B/b	Dog carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	E/e	Dog carries one copy of cream/yellow and is negative for mask.
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 21)

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 21)

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.
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Lavender Blues Jax**Trait Results Continued**

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.