

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

Barbie Lou

### Submitted By

### Owned By

### Subject Dog

**Name:** Barbie Lou  
**Breed:** French Bulldog  
**Phenotype:** Fawn  
**Sex:** Female  
**Birth:** 06/23/2022

**Lab Reference #:** 899423  
**Sample Date:** 04/10/2025  
**Research Date:** 04/10/2025  
**Microchip:** 900215002835409

### Disorder Results(6 of 19)

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/n	Dog is negative for the variant linked to cystinuria in bulldogs.
CY3- var. 3	n/n	Dog is negative for variant somewhat linked to cystinuria in bulldogs.
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
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
JHC	n/n	Clear: Dog is negative for the mutation associated with Juvenile Hereditary Cataracts.

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### Color Results(7 of 19)

A-Locus	<b>AY/at</b>	Dog is fawn/sable and carries for tan point gene.
Albinism	<b>n/n</b>	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	<b>n/n</b>	Dog is negative for the mutation associated with chocolate in French Bulldogs.
D-Locus	<b>D/d</b>	Heterozygous: Dog carries one copy of the d1 mutation associated with a diluted coat color and may pass the mutation to offspring.
E-Locus	<b>EM/e</b>	Dog carries one copy of cream/yellow and has one copy of mask.
K-Locus	<b>n/n</b>	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

### Pattern Results(2 of 19)

Merle	<b>n/n</b>	Clear: Dog is negative for the mutation associated with merle.
S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.

### Trait Results(4 of 19)

Curl 1&2	<b>n/n</b>	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	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>L/l<sup>1</sup></b>	Dog carries one copy of the long hair allele.
Shedding	<b>n/n</b>	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.