



3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

Angelina

Submitted By	Owned By
Puppy Lodge	Puppy Lodge
33600 TR 219 Fresno OH, OH 43824 USA	33600 TR 219 Fresno OH, OH 43824 USA

Subject Dog	
<b>Name:</b> Angelina <b>Breed:</b> French Bulldog <b>Phenotype:</b> Blue Merle <b>Sex:</b> Female <b>Birth:</b> 06/10/2023	<b>Lab Reference #:</b> 832428 <b>Sample Date:</b> 06/06/2024 <b>Research Date:</b> 06/07/2024 <b>Microchip:</b> 900255000582426

Disorder Results(7 of 20)		
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/CY	Dog has one copy of 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/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
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.
No Testing Selected	n/n	No Testing Selected

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### Color Results(7 of 20)

A-Locus	<b>at/a</b>	Dog has tan points and carries recessive black.
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/co</b>	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
D-Locus	<b>d/d</b>	Homozygous: Dog has two copies of the d1 mutation associated with a diluted coat color. The dog's base coat will be diluted.
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 20)

Merle	<b>n/M</b>	Heterozygous: Dog has one copy of the merle allele
S-Locus	<b>n/S</b>	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	<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.