

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Izzy Red

Submitted By	Owned By
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Subject Dog	Lab Reference #:
<b>Name:</b> Izzy Red <b>Breed:</b> French Bulldog <b>Phenotype:</b> Isabella <b>Sex:</b> Male <b>Birth:</b> 04/06/2024	<b>826974</b> <b>Sample Date:</b> 05/22/2024 <b>Research Date:</b> 05/22/2024

Disorder Results(4 of 16)		
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
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.

Color Results(7 of 16)		
A-Locus	at/a	Dog has tan points and carries recessive black.
Albinism	n/n	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	b/b	Dog has two copies of the brown/chocolate gene.
Cocoa	n/co	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
D-Locus	d/d	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	EM/EM	Dog is negative for cream/yellow and has two copies of mask.
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(1 of 16)

S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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### 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	n/n	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	I <sup>1</sup> /I <sup>4</sup>	Two copies of the long-hair allele (I1 and I4), 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.