

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Live Oak's Guinness's Blue Bayou

Submitted By	Owned By
Darren Neuschwander 1952 Old Government Street Mobile, AL 36606 USA	Darren Neuschwander 1952 Old Government Street Mobile, AL 36606 USA

Subject Dog	Lab Reference #:
Name: Live Oak's Guinness's Blue Bayou Breed: French Bulldog Phenotype: Blue Fawn Irish Pied Sex: Female Birth: 07/01/2023	757669 Sample Date: 09/22/2023 Research Date: 09/22/2023 Microchip: American Kennel Club: NP85885201

Disorder Results(6 of 19)		
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	CY/CY	Dog has two copies of the variant linked to cystinuria in bulldogs, and may be affected based on gender and additional factors.
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	AY/at	Dog is fawn/sable and carries for tan point gene.
Albinism	n/n	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	n/n	Dog is negative for the mutation associated with chocolate in French Bulldogs.
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.

Pattern Results(2 of 19)

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
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 19)

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)	L/L	Negative for long coat allele
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.