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3382 Capital Circle NE
Tallahassee, FL 32308Genetic Testing Report
Black male

Submitted By

my.animalgenetics.com

Tina Garretson

2 of 2

Name: Black male
Breed: French Bulldog
Phenotype: Blue
Sex: Male
Birth: 12/18/2025

Atlas

Lab Reference #: 957676
Sample Date: 01/23/2026
Research Date: 01/23/2026
Microchip:

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/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.

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2/2

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Color Results(7 of 19)

A-Locus	a/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 carries one copy of the gene responsible for chocolate /brown coloration
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 (E, EM, eA, eW, e)	EM/e	Dog carries one copy of cream/yellow and one copy of mask, and is negative for ancient red.
K-Locus	n/KB	Both the KB and negative alleles detected; dog can be brindle or express only the base coat.

Pattern Results(2 of 19)

Merle	n/Mc	Dog has one copy of the cryptic 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 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 ¹ l ⁴	Two copies of the long-hair allele (l ¹ and l ⁴), 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.