

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Ice

Submitted By	Owned By
Ashley Sarault	Ashley Sarault

Subject Dog	
Name: Ice Breed: French Bulldog Phenotype: Cream Sex: Male Birth: 02/14/2024	Lab Reference #: 818705 Sample Date: 05/16/2024 Research Date: 05/16/2024 Microchip:

Disorder Results(6 of 19)		
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.

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Color Results(7 of 19)

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 does not carry the mutation for most forms of chocolate 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/e	Dog has two copies of cream/yellow.
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/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.

Trait Results(4 of 19)

Curl 1&2	n/C²	Dog has one copy of the C2 mutation associated with curly or wavy coat. The dog can pass on a copy of either allele to any offspring.
Furnishings	n/n	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	L/l⁴	Dog carries one copy of the l4 long hair allele.
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.