

Genetic Testing Report

BlueLine's Mystery

Submitted By

Brandi Long
Blue Line Bulldogs

Subject Dog

Dog Name: **BlueLine's Mystery**
Breed: **French Bulldog**
Phenotype: **Lilac Tan Merle**
Sex: **Female**
Birth: **Nov 11, 2022**

Lab Reference #: **709761**

Disorder Results (4 of 15)

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 (6 of 15)

A-Locus	at/a	Dog has tan points and carries recessive black.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	co/co	Dog carries two copies of cocoa. Dog will have brown coat color.
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/e	Dog carries one copy of cream/yellow and has one copy 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 (1 of 15)

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 15)

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 ⁴	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.