Animal Genetics

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Genetic Testing Report

Avery

Submitted By

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Owned By

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Subject Dog

Dog Name: **Avery**
Breed: **French Bulldog**
Phenotype:
Sex: **Female**
Birth: **Jul 25, 2022**

Lab Reference #: **591085**

Color Results (6 of 11)

A-Locus	**a/a**	Dog is homozygous for recessive black.
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**	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	**EM/e**	Dog carries one copy of cream/yellow and has one copy of mask.
K-Locus	**n/K^B**	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

Pattern Results (1 of 11)

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 11)

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.