Animal Genetics

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Tallahassee, FL 32308

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Genetic Testing Report

Ginger Girl

Submitted By

Puppy Lodge

Subject Dog

Dog Name: **Ginger Girl**
Breed: **French Bulldog**
Phenotype: **Blue & Tan**
Sex: **Female**
Birth:

Lab Reference #: **795109**
Microchip: **6880**

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/at**	Dog has two copies of the gene causing tan points.
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/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/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 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^1**	Dog carries one copy of the long hair allele.
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.