

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Marshmallow

#### Submitted By

Amanda Reikowsky



USA

#### Owned By

Amanda Reikowsky



USA

#### Subject Dog

**Name:** Marshmallow

**Breed:** French Bulldog

**Phenotype:** Cream

**Sex:** Female

**Birth:** 06/08/2021

**Lab Reference #:** 680027

**Sample Date:** 03/10/2023

**Research Date:** 03/10/2023

#### Disorder Results(4 of 15)

CMR1	n/CMR1	Carrier: Dog has one copy of the Canine Multifocal Retinopathy Type 1 mutation. The dog is not affected by CMR1 but may pass the mutation to offspring.
DM	n/DM	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
JHC	n/JHC	Carrier: Dog has one copy of the Juvenile Hereditary Cataracts mutation. Dog will not be affected but may pass the mutation to offspring.

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Marshmallow

#### Color Results(6 of 15)

A-Locus	<b>AY/AY</b>	Dog is homozygous for fawn/sable.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	<b>n/n</b>	Dog is negative for the mutation associated with chocolate in French Bulldogs.
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	<b>e/e</b>	Dog has two copies of cream/yellow.
K-Locus	<b>n/KB</b>	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

#### Pattern Results(1 of 15)

S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
---------	------------	---

#### Trait Results(4 of 15)

Curl 1&2	<b>n/n</b>	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	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>L/L</b>	Negative for long coat allele
Shedding	<b>n/n</b>	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.