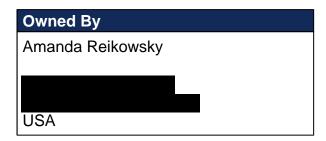


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3382 Capital Circle NE Tallahassee, FL 32308

Genetic Testing Report Marshmallow

Submitted 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 mutuation. Dog will not be affected but may pass the mutation to offspring.

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Color Results(6 o	of 15)	
A-Locus	AY/AY	Dog is homozygous for fawn/sable.
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	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	e/e	Dog has two copies of cream/yellow.
K-Locus	n/KB	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.
Pattern Results(1	of 15)	
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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	Negative for long coat allele
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.

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