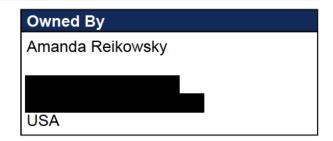


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3382 Capital Circle NE Tallahassee, FL 32308

Genetic Testing Report Summer "Sunny"

Submitted By Amanda Reikowsky USA



Subject Dog

Name: Summer "Sunny" Breed: French Bulldog Phenotype: Fawn Sex: Female Birth: 04/16/2024 Lab Reference #: 824327 Sample Date: 05/21/2024 Research Date: 02/02/2025

Microchip:

Sire

Sire: Sir Ollie the First Breed: French Bulldog Phenotype: Blue Fawn Dam

Dam: Marshmallow **Breed:** French Bulldog **Phenotype:** Cream

Disorder Results(6 of 18)		
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/CY	Dog has one copy of the variant linked to cystinuria in bulldogs.
CY3- var. 3	n/n	Dog is negative for variant somewhat linked to cystinuria in bulldogs.
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
нии	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.

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Color Results(7 of 18)				
A-Locus	AY/at	Dog is fawn/sable and carries for tan point gene.		
Albinism	n/n	Dog is negative for the allele causing albinism in some small breeds.		
B-Locus	В/В	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	Heterozygous: Dog carries one copy of the d1 mutation associated with a diluted coat color and may pass the mutation to offspring.		
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 18)			
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.		
Trait Results(4 of 18)				
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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