

# Genetic Testing Report

**Lego's Shreck**

## Submitted By

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Owl Creek Kennel

## Subject Dog

Dog Name: **Lego's Shreck**  
Breed: **French Bulldog**  
Phenotype: **Blue**  
Sex: **Male**  
Birth: **Aug 31, 2023**

Lab Reference #: **939491**  
Registration: **NP87219501**

## Disorder Results (6 of 20)

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/n	Dog is negative for 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
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 (8 of 20)

Albinism	n/n	Dog is negative for the allele causing albinism in some small breeds.
A-Locus	a/a	Dog is homozygous for recessive black.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	n/co	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
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 (E, EM, eA, eW, e)	EM/EM	Dog is negative for cream/yellow and ancient red, and has two copies of mask.
I Locus	n/Int	Dog has one copy of the allele associated with lighter phaeomelanin pigment.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

## Pattern Results (2 of 20)

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.

## Trait Results (4 of 20)

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.