Animal Genetics

**Generated on: 03/17/2024**

**3382 Capital Circle NE**
**Tallahassee, FL 32308**

# Genetic Testing Report

## Hot Stuff Bulldog's Duce

| Submitted By | Owned By |
|---|---|
| Crystal Seigler | |

### Subject Dog

**Name:** Hot Stuff Bulldog's Duce
**Breed:** French Bulldog
**Phenotype:** Blue and Tan Merle
**Sex:** Male
**Birth:** 06/26/2021

**Lab Reference #:** 569985
**Sample Date:** 07/21/2022
**Research Date:** 07/21/2022

### 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/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 | **EM/EM** | Dog is negative for cream/yellow and has two copies of mask. |
| K-Locus | **n/n** | Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype. |

Animal Genetics

**Generated on: 03/17/2024**

**3382 Capital Circle NE**
**Tallahassee, FL 32308**

# Genetic Testing Report

## Hot Stuff Bulldog's Duce

| 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. |