



# Genetic Testing Report

## Subject Dog

Dog Name: **Brenda RT**  
Breed: **French Bulldog**  
Phenotype: **Blue & Tan**  
Sex: **Female**  
Birth: **Feb 14, 2023**

Lab Reference #: **830689**  
Microchip: **1403**

## 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/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 (8 of 20)

|          |         |  |
|----------|---------|--|
| Albinism | n/n     | Dog is negative for the allele causing albinism in some small breeds.  |
| 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.   |
| I Locus  | Int/Int | Dog has two copies 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 <sup>4</sup> | Dog carries one copy of the l4 long hair allele.   |
| Shedding          | n/n              | Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.   |