



Animal Genetics

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Genetic Testing Report

RW's Bailey

Submitted By

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7720 Township Rd 362
Millersburg, OH 44654
USA

Owned By

Wayne Keim

Subject Dog

Dog Name: **RW's Bailey**
Breed: **French Bulldog**
Phenotype:
Sex: **Female**
Birth: **Feb 18, 2025**

Lab Reference #: **971813**
Registration: **NP95828303**
Microchip: **202105000029589**

Disorder Results (6 of 19)

| | | |
|-------------|------|--|
| 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/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 19)

| | | |
|----------------------------|---------|--|
| 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 (E, EM, eA, eW, e) | EM/e | Dog carries one copy of cream/yellow and one copy of mask, and is negative for ancient red. |
| I Locus | Int/Int | Dog has two copies the allele associated with lighter pheomelanin 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 (1 of 19)

| | | |
|---------|-----|---|
| S-Locus | n/n | Negative: Dog is negative for the S-Locus. No white spotting will be present. |
|---------|-----|---|

Trait Results (4 of 19)

| | | |
|-------------------|-----|--|
| 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. |