



3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Firestone

| Submitted By                                            | Owned By                                                |
|---------------------------------------------------------|---------------------------------------------------------|
| Amp Genetics                                            | Amp Genetics                                            |
| 3861 Township Road #374<br>Millersburg, OH 44654<br>USA | 3861 Township Road #374<br>Millersburg, OH 44654<br>USA |

| Subject Dog                                                                                                                     |                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name:</b> Firestone<br><b>Breed:</b> Poodle<br><b>Phenotype:</b> Red & White<br><b>Sex:</b> Male<br><b>Birth:</b> 09/18/2021 | <b>Lab Reference #:</b> 716721<br><b>Sample Date:</b> 02/10/2024<br><b>Research Date:</b> 02/10/2024<br><b>Microchip:</b> 991003001245040 |

| Disorder Results(6 of 16) |     |                                                                                          |
|---------------------------|-----|------------------------------------------------------------------------------------------|
| CDDY                      | N/N | Clear: Dog is negative for the mutation associated with CDDY.                            |
| CDPA                      | N/N | Clear: Dog is negative for the CDPA mutation.                                            |
| DM                        | n/n | Clear: Dog is negative for mutation associated with Degenerative Myelopathy.             |
| NEwS                      | n/n | Clear: Dog is negative for mutation associated with NEwS.                                |
| PRA-prcd                  | n/n | Negative: Dog is negative for the mutation associated with prcd-PRA.                     |
| vWD1                      | n/n | Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I. |

| Color Results(5 of 16) |       |                                                                                                  |
|------------------------|-------|--------------------------------------------------------------------------------------------------|
| 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.                          |
| D-Locus                | D/D   | Negative: Dog is negative for the mutation associated with a diluted coat color.                 |
| E-Locus                | e/e   | Dog has two copies of cream/yellow.                                                              |
| K-Locus                | n/n   | Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype. |

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#### Pattern Results(1 of 16)

|         |            |                                                                                                            |
|---------|------------|------------------------------------------------------------------------------------------------------------|
| S-Locus | <b>S/S</b> | Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color. |
|---------|------------|------------------------------------------------------------------------------------------------------------|

#### Trait Results(4 of 16)

|                   |                                    |                                                                                                                                                                                                        |
|-------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curl 1&2          | <b>C<sup>1</sup>/C<sup>1</sup></b> | The dog has two copies of the hair curl allele. The dog will have curly hair, and will always pass on a copy of the hair curl allele to any offspring. All offspring of this dog will have curly hair. |
| Furnishings       | <b>F/F</b>                         | Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.                                                                                     |
| Hair Length (1-5) | <b>l<sup>1</sup>/l<sup>1</sup></b> | Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.                                                                                                     |
| Shedding          | <b>n/n</b>                         | Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.                                                                                                         |