

**Submitted By**

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**Subject Dog**Dog Name: **Felix**Breed: **Miniature Poodle**Phenotype: **Blue Merle**Sex: **Male**

Birth:

Lab Reference #: **721570**Microchip: **991003000974647****Disorder Results (6 of 16)**

|          |            |   |
|----------|------------|---|
| CDPA     | <b>N/N</b> | Clear: Dog is negative for the CDPA mutation.   |
| CDDY     | <b>N/C</b> | At Risk: Dog has one copy of the CDDY mutation. Dog is at risk for IVDD and may pass the mutation to offspring. |
| DM       | <b>n/n</b> | Clear: Dog is negative for mutation associated with Degenerative Myelopathy.                                    |
| NEwS     | <b>n/n</b> | Clear: Dog is negative for mutation associated with NEwS.   |
| PRA-prcd | <b>n/n</b> | Negative: Dog is negative for the mutation associated with prcd-PRA.  |
| vWD1     | <b>n/n</b> | Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.                        |

**Color Results (5 of 16)**

|         |              |  |
|---------|--------------|--|
| A-Locus | <b>at/at</b> | Dog has two copies of the gene causing tan points.   |
| B-Locus | <b>B/B</b>   | Dog does not carry the mutation for most forms of chocolate coloration.                          |
| D-Locus | <b>D/D</b>   | Negative: Dog is negative for the mutation associated with a diluted coat color.                 |
| E-Locus | <b>E/e</b>   | Dog carries one copy of cream/yellow and is negative for mask.                                   |
| K-Locus | <b>n/n</b>   | Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype. |

**Pattern Results (1 of 16)**

|         |            |  |
|---------|------------|--|
| S-Locus | <b>n/S</b> | Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds. |
|---------|------------|--|

**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/SD</b>                        | Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.   |