

## Canine Genetic Testing Report



Submitted By

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United States

**Subject Dog** 00209400

Date Received: 9/26/2020

Dog Name: **Prince**  
Breed: **Miniature Poodle**  
Phenotype: **Phantom**

Registration:  
Microchip:  
Sex: **Male**

Birth: **06/21/2020**

### Sire

Sire Name:  
Breed:  
Registration:  
Phenotype:

### Dam

Dam Name:  
Breed:  
Registration:  
Phenotype:

### Coat Color Testing

|          |             |              |  |
|----------|-------------|--------------|--|
| <b>X</b> | A Locus-Ay  | <b>n/n</b>   | Dog does not carry the gene responsible for fawn/sable coat color.   |
| <b>X</b> | A Locus-Aw  | <b>n/n</b>   | Negative for wild-sable.   |
| <b>X</b> | A Locus-At  | <b>At/At</b> | Dog has two copies of the tan points/tricolor gene.  |
| <b>X</b> | A Locus-a   | <b>n/n</b>   | Dog does not carry the gene responsible for recessive black coat color.  |
| <b>X</b> | B Locus     | <b>B/B</b>   | Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring              |
|          | Cocoa       |              | <i>Not Tested</i>  |
| <b>X</b> | D Locus     | <b>D/D</b>   | Dog is negative for the dilution gene.   |
| <b>X</b> | E Locus- EM | <b>n/EM</b>  | Dog has one copy of the allele for melanistic mask   |
| <b>X</b> | E Locus- e  | <b>E/e</b>   | Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring. |
| <b>X</b> | K Locus-KB  | <b>n/n</b>   | Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.             |
| <b>X</b> | Spotting    | <b>N/N</b>   | Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.                     |
|          | Harlequin   |              | <i>Not Tested</i>  |
|          | Merle       |              | <i>Not Tested</i>  |

### Genetic Disorders

|          |          |            |  |
|----------|----------|------------|--|
|          | CDDY     |            | <i>Not Tested</i>  |
|          | CDPA     |            | <i>Not Tested</i>  |
| <b>X</b> | DM       | <b>n/n</b> | Clear: Dog is negative for the Degenerative Myelopathy mutation.           |
| <b>X</b> | NEwS     | <b>n/n</b> | Clear: Dog tested negative for the NEwS mutation.                          |
| <b>X</b> | prcd-PRA | <b>n/n</b> | Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation. |
| <b>X</b> | vWD1     | <b>n/n</b> | Clear: Dog tested negative for the von Willebrand's Type I mutation.       |

### Genetic Marker Results

Run Date: *Not Tested*

|          |           |           |           |           |        |         |
|----------|-----------|-----------|-----------|-----------|--------|---------|
| -        | -         | -         | -         | -         | -      | -       |
| AHT121   | AHT137    | AHT171    | AHT260    | AHT211    | AHT253 | C22-279 |
| -        | -         | -         | -         | -         | -      | -       |
| CAN-AMEL | FH2054    | FH2848    | INRA21    | INU005    | INU030 | INU055  |
| -        | -         | -         | -         | -         |        |         |
| REN54P11 | REN162C04 | REN169D01 | REN169O18 | REN247M23 |        |         |

### Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.  
E-Panel: EM/e-Dog has one copy of the melanistic mask allele and one copy of the recessive yellow allele.

### Coat Type Testing

|          |             |             |  |
|----------|-------------|-------------|--|
| <b>X</b> | Hair Length | <b>I/I</b>  | Long Hair: Dog has two copies of the long hair allele.   |
| <b>X</b> | Hair Curl   | <b>C/C2</b> | Curly Coat: Dog has copy of each of the mutations responsible for curly coat.                    |
| <b>X</b> | Furnishings | <b>F/F</b>  | Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings |
| <b>X</b> | Shedding    | <b>n/SD</b> | Moderate: Dog has one copy of the shedding allele, and is likely to be a moderate shedder.       |