

## Dog Information

Hunter  
NAME

Male  
SEX

Poodle  
Breed with variety:  
74.3% Poodle (Small)  
25.7% Poodle (Standard)  
BREED ANCESTRY

October 26th, 2025  
DATE OF BIRTH  
900263004442189  
MICROCHIP

American Kennel Club (AKC)  
REGISTRATION

Rebecca Maule  
OWNER NAME

Canine Genetic Health Screen  
TEST

December 24th, 2025  
TEST DATE

## BREED HEALTH TESTS

To ensure completeness, this report includes all carrier and at risk results for this dog.

| DISEASE                                                                  | GENE          | GENOTYPE | RESULT | TESTING<br>RECOMMENDED BY                                                             |
|--------------------------------------------------------------------------|---------------|----------|--------|---------------------------------------------------------------------------------------|
| Degenerative Myelopathy, DM                                              | SOD1A         | GG       | Clear  |   |
| Neonatal Encephalopathy with Seizures, NEWS                              | ATF2          | TT       | Clear  |  |
| Osteochondrodysplasia, Skeletal Dwarfism                                 | SLC13A1       | NN       | Clear  |  |
| Progressive Retinal Atrophy, prcd                                        | PRCD Exon 1   | GG       | Clear  |  |
| Von Willebrand Disease Type I, Type I vWD                                | VWF           | GG       | Clear  |  |
| Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD | FGF4 - chr12  | N/N      | Clear  |  |
| GM2 Gangliosidosis                                                       | HEXB (Exon 3) | NN       | Clear  |  |

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## INBREEDING AND DIVERSITY

| Genetic Diversity                | RESULT | GENETIC<br>RESULT |
|----------------------------------|--------|-------------------|
| Coefficient Of Inbreeding        |        | 6%                |
| MHC Class II - DLA DRB1          |        | No<br>Diversity   |
| MHC Class II - DLA DQA1 and DQB1 |        | No<br>Diversity   |

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## TRAIT TESTS (1/3)

| Coat Color        | RESULT                                                    | GENETIC RESULT                |
|-------------------|-----------------------------------------------------------|-------------------------------|
| E Locus (MC1R)    | Can have a melanistic mask                                | E <sup>m</sup> e or Ee        |
| K Locus (CBD103)  | More likely to have a mostly solid black or brown coat    | K <sup>B</sup> K <sup>Y</sup> |
| Intensity Loci    | No impact on coat pattern                                 | Dilute Red Pigmentation       |
| A Locus (ASIP)    | Not expressed                                             | a <sup>t</sup> a <sup>t</sup> |
| D Locus (MLPH)    | Dark areas of hair and skin are not lightened             | DD                            |
| Cocoa (HPS3)      | No co alleles, not expressed                              | NN                            |
| B Locus (TYRP1)   | Black or gray hair and skin                               | BB                            |
| Saddle Tan (RALY) | Not expressed                                             | II                            |
| S Locus (MITF)    | Likely solid colored, but may have small amounts of white | Ssp                           |
| M Locus (PMEL)    | No merle alleles                                          | mm                            |
| R Locus (USH2A)   | Likely no impact on coat pattern                          | rr                            |

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## TRAIT TESTS (2/3)

| Coat Color           | RESULT                                | GENETIC RESULT |
|----------------------|---------------------------------------|----------------|
| H Locus (Harlequin)  | No harlequin alleles                  | hh             |
| Panda White Spotting | Not expected to display Panda pattern | NN             |

| Other Coat Traits                        | RESULT                                              | GENETIC RESULT |
|------------------------------------------|-----------------------------------------------------|----------------|
| Furnishings (RSP02)                      | Likely furnished (mustache, beard, and/or eyebrows) | FF             |
| Coat Length (FGF5)                       | Likely long coat                                    | LhLh           |
| Shedding (MC5R)                          | Likely light shedding                               | CT             |
| Coat Texture (KRT71)                     | Likely wavy coat                                    | CT             |
| Hairlessness (FOXI3)                     | Very unlikely to be hairless                        | NN             |
| Hairlessness (SGK3)                      | Very unlikely to be hairless                        | NN             |
| Oculocutaneous Albinism Type 2 (SLC45A2) | Likely not albino                                   | NN             |

| Other Body Features  | RESULT                       | GENETIC RESULT |
|----------------------|------------------------------|----------------|
| Muzzle Length (BMP3) | Likely medium or long muzzle | AC             |
| Tail Length (T)      | Likely normal-length tail    | CC             |

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## TRAIT TESTS (3/3)

| Other Body Features                       |                                                        | RESULT | GENETIC RESULT |
|-------------------------------------------|--------------------------------------------------------|--------|----------------|
| Hind Dewclaws (LMBR1)                     | Unlikely to have hind dew claws                        | CC     |                |
| Chondrodysplasia (Chr. 18 FGF4 Retrogene) | Not indicative of chondrodysplasia (normal leg length) | NN     |                |
| Blue Eye Color (ALX4)                     | Less likely to have blue eyes                          | NN     |                |
| Back Muscling & Bulk, Large Breed (ACSL4) | Likely normal muscling                                 | CC     |                |
| Body Size                                 |                                                        | RESULT | GENETIC RESULT |
| Body Size (IGF1)                          | Smaller                                                | II     |                |
| Body Size (IGFR1)                         | Larger                                                 | GG     |                |
| Body Size (STC2)                          | Intermediate                                           | TA     |                |
| Body Size (GHR - E191K)                   | Smaller                                                | AA     |                |
| Body Size (GHR - P177L)                   | Larger                                                 | CC     |                |
| Performance                               |                                                        | RESULT | GENETIC RESULT |
| Altitude Adaptation (EPAS1)               | Normal altitude tolerance                              | GG     |                |
| Appetite (POMC)                           | Normal food motivation                                 | NN     |                |