

## Dog Information

**Fedele's Burning The Midnight Oil CA**  
CGCA TKN (Diesel)  
NAME

**Male**  
SEX

**Cane Corso**  
GENETIC BREED

**July 7th, 2018**  
DATE OF BIRTH

**n/a**  
REGISTRATION



**n/a**  
MICROCHIP

**Susan Watkins**  
OWNER NAME

**Canine Genetic Health Screen**  
TEST

**January 1st, 2020**  
TEST DATE

## BREED HEALTH TESTS

| DISEASE                       | GENE                | GENOTYPE | RESULT |   |
|-------------------------------|---------------------|----------|--------|---|
| Canine Multifocal Retinopathy | BEST1/VMD2 (Exon 2) | CC       | Clear  |  |
| Degenerative Myelopathy, DM   | SOD1                | GG       | Clear  |  |

## Dog Information ☆

Fedele's Burning The Midnight Oil CA CGCA TKN (Diesel)  
NAME

## TRAIT TESTS (1/2)

| Coat Color                                       |  | RESULT                        |
|--|--|-------------------------------|
| E Locus (MC1R)                                   | Can have a melanistic mask                               | E <sup>m</sup> E <sup>m</sup> |
| K Locus (CBD103)                                 | More likely to have a mostly solid black or brown coat   | K <sup>B</sup> k <sup>y</sup> |
| A Locus (ASIP)                                   | Not expressed  | a <sup>y</sup> a <sup>y</sup> |
| D Locus (MLPH)                                   |  | No Call                       |
| B Locus (TYRP1)                                  | Black or gray hair and skin                              | BB                            |
| Saddle Tan (RALY)                                | Not expressed  | NN                            |
| M Locus (PMEL)                                   | No merle alleles   | mm                            |
| Other Coat Traits                                |  | RESULT                        |
| Furnishings (RSPO2) LINKAGE                      | Likely unfurnished (no mustache, beard, and/or eyebrows) | II                            |
| Coat Length (FGF5)                               | Likely short or mid-length coat                          | GG                            |
| Shedding (MC5R)                                  | Likely light to moderate shedding                        | TT                            |
| Coat Texture (KRT71)                             | Likely straight coat                                     | CC                            |
| Hairlessness (SGK3)                              | Very unlikely to be hairless                             | NN                            |
| Hairlessness (FOXI3) LINKAGE                     | Very unlikely to be hairless                             | NN                            |
| Oculocutaneous Albinism Type 2 (SLC45A2) LINKAGE | Likely not albino  | NN                            |
| Other Body Features                              |  | RESULT                        |
| Muzzle Length (BMP3)                             | Likely medium or long muzzle                             | CC                            |
| Tail Length (T)                                  | Likely normal-length tail                                | CC                            |

## Dog Information ✦

Fedele's Burning The Midnight Oil CA CGCA TKN (Diesel)  
NAME

## TRAIT TESTS (2/2)

| Body Size               |              | RESULT |
|-------------------------|--------------|--------|
| Body Size (IGF1)        | Intermediate | NI     |
| Body Size (IGFR1)       | Larger       | GG     |
| Body Size (STC2)        | Larger       | TT     |
| Body Size (GHR - E191K) | Larger       | GG     |
| Body Size (GHR - P177L) | Larger       | CC     |

| Performance                 |                           | RESULT |
|-----------------------------|---------------------------|--------|
| Altitude Adaptation (EPAS1) | Normal altitude tolerance | GG     |
| Appetite (POMC) LINKAGE     | Normal food motivation    | NN     |

| Genetic Diversity                |  | RESULT         |
|----------------------------------|--|----------------|
| Coefficient Of Inbreeding        |  | 10%            |
| MHC Class II - DLA DRB1          |  | High Diversity |
| MHC Class II - DLA DQA1 and DQB1 |  | High Diversity |