

Canine Genetic Testing Report



Submitted By

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Keepsake Goldendoodles
3327 Grenfall Rd
Norton, OH 44203

Subject Dog 00041528

Date Received: 10/26/2015

Dog Name: **Rosaline N Monarchs X's and O's "Bean"**

Registration: AKC PR17320101

Breed: Miniature Poodle

Sex: Female

Phenotype: Black/Red Phantom

Birth: 07/11/2013

Sire

Sire Name: Rosaline's Total Eclipse

Breed: Miniature Poodle

Registration: AKC PR10328603

Phenotype: Black

Dam

Dam Name: Rosaline's Hot Mess

Breed: Miniature Poodle

Registration: AKC 16140207

Phenotype: Black/Red Phantom

Coat Color Testing

| | | | |
|---|-------------|-------|--|
| X | A Locus-Ay | n/n | Dog does not carry the gene responsible for fawn/sable coat color. |
| X | A Locus-At | At/At | Dog has two copies of the tan points/tricolor gene. |
| X | A Locus-a | n/n | Dog does not carry the gene responsible for recessive black coat color. |
| X | B Locus | B/b | Dog carries a copy of the allele responsible for brown color, and can potentially pass on that allele to future offspring. |
| X | D Locus | D/D | Dog is negative for the dilution gene. |
| X | E Locus- EM | n/EM | Dog has one copy of the allele for melanistic mask |
| X | E Locus- e | E/e | Dog carries the allele responsible for the yellow coat color, and could pass on either allele to any offspring.. |
| X | K Locus-KB | n/n | Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene. |
| X | Spotting | N/N | Negative: Dog is negative for the spotting or parti-color gene. |
| | Harlequin | | Not Tested |
| | Merle | | Not Tested |

Coat Type Testing

| | | | |
|---|-------------|-----|--|
| | Hair Length | | Not Tested |
| X | Hair Curl | C/C | Dog has two copies of the coat curl mutation, and will always pass it on to any offspring. |
| X | Furnishings | F/F | Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings |
| | Bobtail | | Not Tested |

Genetic Disorders

| | | | |
|---|------|-----|--|
| X | DM | n/n | Clear: Dog is negative for the Degenerative Myelopathy mutation. |
| X | NEwS | n/n | Clear: Dog tested negative for the NEwS mutation. |
| X | vWD1 | n/n | Clear: Dog tested negative for the von Willebrand's Type I mutation. |
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Genetic Marker Results

Run Date: Not Tested

| | | | | | | |
|----------|-----------|-----------|-----------|-----------|---------|---------|
| - | - | - | - | - | - | - |
| AHT121 | AHT137 | AHT171 | AHT260 | AHTk211 | AHTk253 | 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.