

## Canine Genetic Testing Report



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| Submitted By                                |
| Sara Dellorto                               |
| 9140 Tom Costine Road<br>Lakeland, FL 33809 |

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| <b>Subject Dog</b> 00150829  | Date Received: 4/4/2019   |
| Dog Name: <b>Sardi I've Got The Music In Me Puppy 3</b><br>Breed: Havanese<br>Phenotype: Sable Parti | Registration:<br>Microchip:<br>Sex: Female<br>Birth: 03/30/2019 |

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| <b>Sire</b>   |
| Sire Name: CH Nirvana Sardi You Had Me From Hello<br>Breed: Havanese<br>Registration:<br>Phenotype: Red Sable & White |

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| <b>Dam</b>   |
| Dam Name: GCH Sardi I've Got The Music In Me<br>Breed: Havanese<br>Registration:<br>Phenotype: Black & White |

| Coat Color Testing |             |       |  |
|--------------------|-------------|-------|--|
| X                  | A Locus-Ay  | AY/AY | Dog has two copies of the gene responsible for fawn/sable coat color.  |
| X                  | A Locus-Aw  | n/n   | Negative for wild-sable.   |
| X                  | A Locus-At  | n/n   | Dog does not carry 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 does not carry the brown allele, and can never pass on the gene for brown to future offspring              |
| X                  | D Locus     | D/d   | Dog carries the dilution gene, but will appear full color.   |
| X                  | E Locus- EM | n/n   | Dog does not carry 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/S   | Dog has one copy of the MITF variant associated with parti-color in some breeds.                               |
|                    | Harlequin   |       | Not Tested   |
|                    | Merle       |       | Not Tested   |

| Genetic Disorders |    |  |            |
|-------------------|----|--|------------|
|                   | DM |  | Not Tested |
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|                   |    |  |            |

| Coat Type Testing |             |  |            |
|-------------------|-------------|--|------------|
|                   | Hair Length |  | Not Tested |
|                   | Hair Curl   |  | Not Tested |
|                   | Furnishings |  | Not Tested |
|                   | Bobtail     |  | Not Tested |
|                   | Shedding    |  | Not Tested |

| 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: Ay/Ay - Homozygous for fawn/ sable.  
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.