

## Canine Genetic Testing Report



Submitted By
Sara Dellorto
9140 Tom Costine Road Lakeland, FL 33809

<b>Subject Dog</b> 00061254	Date Received: 8/22/2016
Dog Name: <b>Sardi Should've Been A Cowboy</b> Breed: <b>Havanese</b> Phenotype: <b>Sable &amp; White</b>	Registration: <b>TS29515201</b> Sex: <b>Male</b> Birth: <b>02/25/2016</b>

<b>Sire</b>
Sire Name: <b>Nirvana's Chilli Pepper Coc</b> Breed: <b>Havanese</b> Registration: <b>TS090043/02</b> Phenotype: <b>Gold Sable</b>

<b>Dam</b>
Dam Name: <b>CH. Sunshine's She's A Heartbreaker</b> Breed: <b>Havanese</b> Registration: <b>TS08054002</b> Phenotype: <b>Silver &amp; White</b>

Coat Color Testing			
<b>X</b>	A Locus-Ay	<b>n/AY</b>	Dog has one copy of the gene responsible for fawn/sable coat color.
<b>X</b>	A Locus-At	<b>n/At</b>	Dog has one copy 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
<b>X</b>	D Locus	<b>D/D</b>	Dog is negative for the dilution gene.
<b>X</b>	E Locus- EM	<b>n/n</b>	Dog does not carry 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/S</b>	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

Coat Type Testing			
	Hair Length		<i>Not Tested</i>
	Hair Curl		<i>Not Tested</i>
	Furnishings		<i>Not Tested</i>
	Bobtail		<i>Not Tested</i>

Genetic Disorders			
	DM		<i>Not Tested</i>

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	<i>Not Tested</i>
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: Ay/At-Dog is fawn and carries black-and-tan.  
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.