

## Canine Genetic Testing Report



Submitted By
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<b>Subject Dog</b> 00196746	Date Received: 7/16/2020
Dog Name: <b>Milly's Puppy</b> Breed: <b>Havanese</b> Phenotype: <b>Sable w/White Markings</b>	Registration: Microchip: Sex: <b>Female</b> Birth: <b>07/03/2020</b>

<b>Sire</b>
Sire Name: <b>Sardi Love The One You're With</b> Breed: <b>Havanese</b> Registration: Phenotype: <b>Black</b>

<b>Dam</b>
Dam Name: <b>Milly</b> Breed: <b>Havanese</b> Registration: Phenotype: <b>Sable &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-Aw	<b>n/n</b>	Negative for wild-sable.
<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 carries a copy of the allele responsible for brown color and can potentially pass on that allele to future offspring.
	Cocoa		<i>Not Tested</i>
<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 does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<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 has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

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

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

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	<i>Not Tested</i>
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/At - Dog is fawn and carries black-and-tan.  
E-Panel: E/E-Dog does not carry the recessive yellow or melanistic mask alleles.