

## Canine Genetic Testing Report

Submitted By
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<b>Subject Dog</b> 00069771	Date Received: 12/13/2016
Dog Name: <b>Nirvana's Snowbird</b> Breed: <b>Havanese</b> Phenotype: <b>White</b>	Registration: <b>TS17763801</b> Sex: <b>Female</b> Birth: <b>07/07/2013</b>

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing			
<b>X</b>	A Locus-Ay	<b>AY/AY</b>	Dog has two copies of the gene responsible for fawn/sable coat color.
<b>X</b>	A Locus-At	<b>n/n</b>	Dog does not carry 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>	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
<b>X</b>	K Locus-KB	<b>n/KB</b>	Dog has one copy of the dominant black gene. Dog is self-colored, and can pass on that gene to any offspring.
<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>

Genetic Disorders			
	DM		<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 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/Ay-Homozygous for fawn/ sable.  
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.