

Canine Genetic Testing Report

Submitted By
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Subject Dog 00071584	Date Received: 1/4/2017
Dog Name: Nirvana's Painted Veil Breed: Havanese Phenotype: Black & White	Registration: TS20917201 Sex: Female Birth:

Sire
Sire Name: Breed: Registration: Phenotype:

Dam
Dam Name: Breed: Registration: Phenotype:

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/n Dog does not carry allele for melanistic mask.
X	E Locus- e	E/E Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
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	S/S Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all 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: At/At-Homozygous for black-and-tan.
E-Panel: E/E-Dog does not carry the recessive yellow or melanistic mask alleles.