

Canine Genetic Testing Report

Submitted By
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Subject Dog 00080188 Date Received: 3/30/2017

Dog Name: **CH Honor Yukon Mist** Registration: TS300469/02
 Breed: **Havanese** Sex: **Male**
 Phenotype: **Chocolate & White** Birth: 03/02/2016

Sire

Sire Name: **CH Honor Key Kats Dressed For Success**
 Breed: **Havanese**
 Registration: **TS176187/04**
 Phenotype: **Black & White**

Dam

Dam Name: **CH Honor Muy Bonita**
 Breed: **Havanese**
 Registration: **TR904238/03**
 Phenotype: **Black & Tan**

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 has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
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	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 has one copy of the recessive yellow allele and does not carry the melanistic mask allele.