

Canine Genetic Testing Report



Submitted By
Constance Tedford Nirvana Havanese 2285 Citico Road Vonore, TN 37885 United States

Subject Dog 00071585	Date Received: 1/4/2017
Dog Name: Nirvana's Cirico Forest Ranger Breed: Havanese Phenotype: Red	Registration: TS31729701 Sex: Male Birth: 08/24/2016

Sire
Sire Name: Breed: Registration: Phenotype:

Dam
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing			
X	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.
X	A Locus-At	n/n	Dog does not carry 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 does not carry the brown allele, and can never pass on the gene for brown 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 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	N/S	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 one copy of the recessive yellow allele and does not carry the melanistic mask allele.**