

Canine Genetic Testing Report



Submitted By

Constance Tedford
Nirvana Havanese
2285 Citico Road
Vonore, TN 37885

Subject Dog 00144127

Date Received: 1/25/2019

Dog Name: **Zinn**
Breed: **Havanese**
Phenotype: **Black & White**

Registration: **TS40652401**
Microchip:
Sex: **Male**

Birth: 10/22/2018

Sire

Sire Name: **Gch Sunsation Easy Like Sunday Morning**
Breed: **Havanese**
Registration: **TS30750003**
Phenotype: **Black & White**

Dam

Dam Name: **Gch. Nirvana's Dixie Queen**
Breed: **Havanese**
Registration: **TS29757004**
Phenotype: **Sable**

Coat Color Testing

<input checked="" type="checkbox"/>	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n	Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	At/At	Dog has two copies of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
<input checked="" type="checkbox"/>	D Locus	D/d	Dog carries the dilution gene, but will appear full color.
<input checked="" type="checkbox"/>	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	S/S	Dog has two copies 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>

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
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: At/At - Homozygous for black-and-tan.
E-Panel: E/E-Dog does not carry the recessive yellow or melanistic mask alleles.

Coat Type Testing

	Hair Length		<i>Not Tested</i>
<input checked="" type="checkbox"/>	Hair Curl	n/C	Dog has one copy of the coat curl mutation, and could pass it on to any offspring.
	Furnishings		<i>Not Tested</i>
	Bobtail		<i>Not Tested</i>
	Shedding		<i>Not Tested</i>