AnimalGenetics INCORPORATED
1336 Timberlane Road
Tallahassee, FL 32312-1766

Generated On: **10/3/2018**

Canine Genetic Testing Report

Submitted By
Laura Patton LaraLee Havanese 515 W Hullum St Breckenridge, TX 76424-4301 United States

Subject Dog 00133802

Date Received: 9/27/2018

Dog Name: **GCH Nirvana's Wild Berry Zinler**
Breed: Havanese
Phenotype: Apricot Parti

Registration: TS12436501
Sex: Male
Birth: 09/02/2012

Sire

Sire Name: On The Rocks Blue Temptation
Breed: Havanese
Registration: TR95358001
Phenotype: Red

Dam

Dam Name: CH Nirvana's TLC's Glowing Ember
Breed: Havanese
Registration: TS00376201
Phenotype: Red Parti

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 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 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		*Not Tested*
	Merle		*Not Tested*

Genetic Disorders

	DM		*Not Tested*

Coat Type Testing

	Hair Length		*Not Tested*
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Bobtail		*Not Tested*
	Shedding		*Not Tested*

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHTh171	AHTh260	AHTk211	AHTk253	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 does not carry the recessive yellow or melanistic mask alleles.

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Generated On: **10/3/2018**

Canine Genetic Testing Report

Submitted By
Laura Patton LaraLee Havanese 515 W Hullum St Breckenridge, TX 76424-4301 United States

Subject Dog 00133809

Date Received: 9/27/2018

Dog Name: **LaraLee's Shome**
Breed: Havanese
Phenotype: Black

Registration: TS31082104
Sex: Female
Birth: 08/06/2016

Sire

Sire Name: Seaspirit Remember The Day
Breed: Havanese
Registration: TS21954201
Phenotype: Light Apricot

Dam

Dam Name: LaraLee's A Pretty Penny
Breed: Havanese
Registration: TS20996201
Phenotype: Sable

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 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/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
X	Spotting	N/S	Dog carries one copy of the spotting or parti-color gene and can pass it on to any offspring.
	Harlequin		*Not Tested*
	Merle		*Not Tested*

Coat Type Testing

	Hair Length		*Not Tested*
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Bobtail		*Not Tested*
	Shedding		*Not Tested*

Genetic Disorders

	DM		*Not Tested*

Genetic Marker Results

Run Date: *Not Tested*

-	-	-	-	-	-	-
AHT121	AHT137	AHTh171	AHTh260	AHTk211	AHTk253	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.