AnimalGenetics INCORPORATED
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Canine Genetic Testing Report

Submitted By	AG116077
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Subject Dog

Date Received: 7/1/2013

Dog Name: **GCH Sunshine's She's A Heartbreaker**
Breed: Havanese
Phenotype: Grey, White Parti Color
Registration: TS080540/02
Sex: Female
Birth: 11/28/2011

Sire

Sire Name: CH That's White Hot In Atlanta
Breed: Havanese
Registration: TR292296/02
Phenotype: White With Cream

Dam

Dam Name: Sunshine's Shining Star
Breed: Havanese
Registration: TR844075/06
Phenotype: Black With White

Coat Color/Type 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 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/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	S/S	Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all offspring.
	Hair Length		*Not Tested*
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Bobtail		*Not Tested*

Genetic Disorders

	DM		*Not Tested*
	PLL		*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		

DM = Degenerative Myelopathy
PLL = Primary Lens Luxation

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.

*Thank you for choosing **Animal Genetics Inc.***