AnimalGenetics INCORPORATED
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Canine Genetic Testing Report

Submitted By
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Subject Dog 00105125

Date Received: 12/7/2017

Dog Name: **GCH Sunshine's September Morn**
Breed: Havanese
Phenotype: Black & Tan

Registration: TR906630/01
Sex: Male
Birth: 09/03/2009

Sire

Sire Name: CH Los Perritos Mario
Breed: Havanese
Registration: TR216880/01
Phenotype: Black & White

Dam

Dam Name: CH Estrella's Miracle Of Luv
Breed: Havanese
Registration: TR047187/04
Phenotype: Black

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 carries a copy of the allele responsible for brown color, and can potentially pass on that allele 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		*Not Tested*
	Merle		*Not Tested*

Coat Type Testing

	Hair Length		*Not Tested*
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Bobtail		*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: 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.