

## Canine Genetic Testing Report

Submitted By

Puppy Lodge



**Subject Dog** 00356493 Date Received: 3/24/2022

Dog Name: **Susuki** Registration: AKC  
 Breed: **Miniature Poodle** Microchip: 3874  
 Phenotype: **Merle** Sex: Female Birth: 3/13/2022

Sire	Dam
Sire Name: <b>Jupiter</b> Breed: <b>Miniature Poodle</b> Registration: <b>AKC</b> Phenotype: <b>Blue Merle Tri</b>	Dam Name: <b>HV's Little Lady Simone</b> Breed: <b>Miniature Poodle</b> Registration: <b>AKC</b> Phenotype: <b>Black Tri</b>

Coat Color Testing		
	A Locus-Ay	Not Tested
<b>X</b>	A Locus-Aw	n/n Negative for wild-sable.
<b>X</b>	A Locus-At	At/At Dog has two copies of the tan points/tricolor gene.
<b>X</b>	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
<b>X</b>	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.
	Cocoa	Not Tested
<b>X</b>	D Locus	D/D Dog is negative for the dilution gene.
<b>X</b>	E Locus- EM	n/EM Dog has one copy of the allele for melanistic mask
<b>X</b>	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.
<b>X</b>	K Locus-KB	n/n Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<b>X</b>	Spotting	N/N Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin	Not Tested
	Merle	Not Tested

Genetic Disorders			
<b>X</b>	CDDY	N/N	Dog is negative for the CDDY mutation.
<b>X</b>	CDPA	N/N	Dog is negative for the CDPA mutation.
<b>X</b>	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<b>X</b>	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
<b>X</b>	prcd-PRA	n/n	Clear: Dog is negative for the causal prcd-PRA c.5G>A mutation.
<b>X</b>	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Coat Type Testing		
<b>X</b>	Hair Length	I/I Long Hair: Dog has two copies of the long hair allele.
<b>X</b>	Hair Curl	C/C2 Curly Coat: Dog has copy of each of the mutations responsible for curly coat.
<b>X</b>	Furnishings	F/F2 Dog has 1 copy of the furnishings allele, and one copy of the F2 furnishings allele.
<b>X</b>	Shedding	SD/SD High: Dog has two copies of the shedding allele, and is more likely to be a high shedder.

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**

E-Panel: EM/E-Dog has one copy of the melanistic mask allele and does not carry the recessive yellow allele.