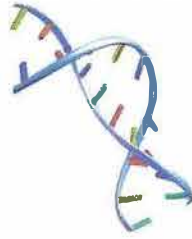


Canine Genetic Testing Report



Submitted By

Cavapoo 3:16

Subject Dog 00246350 Date Received: 3/22/2021

Dog Name: **Jill's Lilac Male "Jupiter"** Registration: AKC
 Breed: Miniature Poodle Microchip:
 Phenotype: Sex: Male Birth: 03/06/2021

Sire

Sire Name: Fortunate Gorge
 Breed: Miniature Poodle
 Registration:
 Phenotype: Tri

Dam

Dam Name: Jill
 Breed: Miniature Poodle
 Registration:
 Phenotype: Blue Merle Tri

Coat Color Testing			
X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
X	A Locus-a	n/a	Dog has one copy of 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.
	Cocoa		Not Tested
X	D Locus	D/d	Dog carries the dilution gene, but will appear full color.
X	E Locus- EM	n/EM	Dog has one copy of the 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	N/N	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
X	Merle	n/M	Dog has one copy of the "M" merle allele and one negative "m" copy of merle allele. The dog can pass either allele on to any offspring.

Genetic Disorders			
X	CDDY	N/N	Dog is negative for the CDDY mutation.
X	CDPA	N/N	Dog is negative for the CDPA mutation.
X	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
X	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
X	prcd-PRA	n/P	Carrier: Dog has one copy of the causal prcd-PRA c.5G>A mutation, and may pass on a copy of the mutation to any offspring.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Coat Type Testing			
X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	C/C2	Curly Coat: Dog has copy of each of the mutations responsible for curly coat.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/SD	Moderate: Dog has one copy of the shedding allele, and is likely to be a moderate shedder.

Genetic Marker Results							Run Date: Not Tested
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT280	AHTk211	AHTk253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Additional Comments

A-Panel: At/a - Dog is black-and-tan and carries recessive black.
 E-Panel: EM/E-Dog has one copy of the melanistic mask allele and does not carry the recessive yellow allele.