AnimalGenetics
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Tallahassee, FL 32308

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Canine Genetic Testing Report

Submitted By
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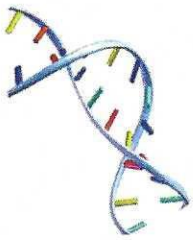

Subject Dog 00333767

Date Received: 1/18/2022

Dog Name: **Rocksey's Female "Rhonda"**
Breed: Miniature Poodle
Phenotype: Black & Tan

Registration:
Microchip: 0924
Sex: Female
Birth: 01/05/2022

Sire

Sire Name: Tri Star Jupiter
Breed: Miniature Poodle
Registration: PR23995101
Phenotype: Blue Merle

Dam

Dam Name: Mud Valley Rocksey
Breed: Miniature Poodle
Registration: PR20399004
Phenotype: Red & White

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 does not carry the brown allele, and can never pass on the gene for brown to future offspring
	Cocoa		Not Tested
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 has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
X	Merle	n/n	Dog has two copies of the recessive "m" allele and is negative for merle. The dog will always pass on a negative copy of the merle allele to all offspring.

Coat Type Testing

X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	C/C	Curly Coat: Dog has two copies of the coat curl mutation, and will always pass it on to any offspring.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.

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/n	Clear: Dog is negative for the causal prcd-PRA c.5G>A mutation.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

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