Subject Dog

00114391

Date Received: 3/12/2018

Dog Name: **Silas**
Breed: Toy Poodle
Phenotype: Tri Parti (Black/White/Tan)

Registration:
Sex: Male
Birth: 12/06/2016

Sire

Sire Name: Quasar
Breed: Toy Poodle
Registration: UKC
Phenotype:

Dam

Dam Name: Jahzira
Breed: Toy Poodle
Registration: CKC
Phenotype:

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	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.
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	S/S	Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all 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

X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
X	prcd-PRA	n/n	Clear:Linkage analysis indicates dog is negative/clear for the prcd-PRA 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.