

Canine Genetic Testing Report

Submitted By

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Subject Dog 00346208

Date Received: 2/23/2022

Dog Name: **Grace's 80438 Boy (Owl Creek Bingo)**
Breed: French Bulldog
Phenotype: Lilac & Tan

AKC# NP71237807

Registration:

Microchip:

Sex: Male

Birth: 11/19/2021

Sire	Dam
<p>Sire Name: Big Taker Peanut Breed: French Bulldog Registration: Phenotype: Lilac & Tan</p>	<p>Dam Name: Rainbow Ridge Grace Breed: French Bulldog Registration: Phenotype: Lilac & Tan</p>

Coat Color Testing		
<input checked="" type="checkbox"/>	A Locus-Ay	n/n Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	At/At Dog has two copies of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/n Dog does not carry the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring.
<input checked="" type="checkbox"/>	Cocoa	n/co Carrier. Dog has one copy of the cocoa mutation.
<input checked="" type="checkbox"/>	D Locus	d/d Dog is homozygous for the dilution gene. The dog will always pass on a copy of the dilution gene to any offspring.
<input checked="" type="checkbox"/>	E Locus- EM	n/EM Dog has one copy of the allele for melanistic mask.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	K Locus-KB	n/n Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<input checked="" type="checkbox"/>	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		
	CDDY	Not Tested
	CDPA	Not Tested
<input checked="" type="checkbox"/>	CMR1	n/n Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1
	cord1-PRA	Not Tested
<input checked="" type="checkbox"/>	DM	n/n Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
<input checked="" type="checkbox"/>	HUU	n/n Clear: Dog tested negative for the Hyperuricosuria.
<input checked="" type="checkbox"/>	JHC	n/n Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

Genetic Marker Results							Run Date: Not Tested
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Coat Type Testing		
<input checked="" type="checkbox"/>	Hair Length	L/L4 Short Hair: Dog has one copy of the L4 long hair allele.
<input checked="" type="checkbox"/>	Hair Curl	n/n Non-Curl Coat: Dog does not carry the mutation for coat curl.
<input checked="" type="checkbox"/>	Furnishings	n/n Dog is negative for the Furnishings mutation.
<input checked="" type="checkbox"/>	Shedding	n/n Negative: Dog is unlikely to be a high shedding dog.

Additional Comments:
A-Panel: At/At - Homozygous for black-and-tan.
E-Panel: EM/E - Dog has one copy of the melanistic mask allele and does not carry the recessive yellow allele.