

## Canine Genetic Testing Report



Submitted By

Pet Couture Unleashed

United States

**Subject Dog** 00179371

Dog Name: **Zeppelin**  
Breed: **French Bulldog**  
Phenotype: **Blue Tri Merle**

Registration:  
Microchip:  
Sex: **Male**

Date Received: 2/13/2020  
Birth: 06/01/2019

**Sire**

Sire Name: **Pet Couture Swagger**  
Breed: **French Bulldog**  
Registration:  
Phenotype:

**Dam**

Dam Name: **Goodfellasbulldogs Luna**  
Breed: **French Bulldog**  
Registration:  
Phenotype:

Coat Color Testing			
<b>X</b>	A Locus-Ay	<b>n/n</b>	Dog does not carry the gene responsible for fawn/sable coat color.
<b>X</b>	A Locus-Aw	<b>n/n</b>	Negative for wild-sable.
<b>X</b>	A Locus-At	<b>At/At</b>	Dog has two copies of the tan points/tricolor gene.
<b>X</b>	A Locus-a	<b>n/n</b>	Dog does not carry the gene responsible for recessive black coat color.
<b>X</b>	B Locus	<b>B/B</b>	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
<b>X</b>	D Locus	<b>d/d</b>	Dog is homozygous for the dilution gene. The dog will always pass on a copy of the dilution gene to any offspring.
<b>X</b>	E Locus- EM	<b>n/EM</b>	Dog has one copy of the allele for melanistic mask
<b>X</b>	E Locus- e	<b>E/e</b>	Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
<b>X</b>	K Locus-KB	<b>n/n</b>	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<b>X</b>	Spotting	<b>N/N</b>	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
	Merle		Not Tested

Coat Type Testing			
<b>X</b>	Hair Length	<b>L/L</b>	Short Hair: Dog does not have the long-hair allele.
<b>X</b>	Hair Curl	<b>n/n</b>	Non-Curly Coat: Dog does not carry the mutation for coat curl.
<b>X</b>	Furnishings	<b>n/n</b>	Dog is negative for the Furnishings mutation.
	Bobtail		Not Tested
<b>X</b>	Shedding	<b>n/n</b>	Negative: Dog is unlikely to be a high shedding dog.

Genetic Disorders			
	CDDY		Not Tested
	CDPA		Not Tested
<b>X</b>	CMR1	<b>n/n</b>	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
	cord1-PRA		Not Tested
<b>X</b>	DM	<b>n/n</b>	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<b>X</b>	HUU	<b>n/n</b>	Clear: Dog tested negative for the Hyperuricosuria.
<b>X</b>	JHC	<b>n/n</b>	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

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	REN169O18i	REN247M23				

**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 one copy of the recessive yellow allele.