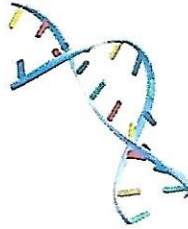


Canine Genetic Testing Report

Submitted By

David Faccini
Broward Frenchies, LLC



Subject Dog 00355259

Date Received: 3/21/2022

Dog Name: Girl 3 Coral
Breed: French Bulldog
Phenotype:

Registration: NP729763
Microchip:
Sex: Female

Birth: 02/24/2022

Sire

Sire Name: Junior Polar
Breed: French Bulldog
Registration: NP60279404
Phenotype: Platinum

Dam

Dam Name: Ella De La Vita
Breed: French Bulldog
Registration: NP61907707
Phenotype: Lilac Merle

Coat Color Testing

<input checked="" type="checkbox"/>	A Locus-Ay	n/AY	Dog has one copy of 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	n/At	Dog has one copy 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	co/co	Cocoa: Dog has two copies 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 carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
<input checked="" type="checkbox"/>	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	N/N	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		
<input checked="" type="checkbox"/>	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.

Genetic Disorders

	CDDY		
	CDPA		
<input checked="" type="checkbox"/>	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
	cord1-PRA		
<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:

-	-	-	-	-	-	-
AHT121	AHT197	AHT171	AHT160	AHT1211	AHT1253	C12-273
-	-	-	-	-	-	-
CAN-AME1	FH2054	FH2048	INRA21	INU005	INU000	INU055
-	-	-	-	-	-	-
REN14P11	REN162104	REN100001	REN100118	REN147M28		

Additional Comments

A-Panel: Ay/At - Dog is fawn and carries black-and-tan.
E-Panel: EM/e-Dog has one copy of the melanistic mask allele and one copy of the recessive yellow allele.

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-Curly 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.