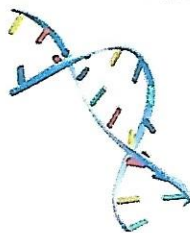


Canine Genetic Testing Report



Submitted By
David Faccini
Broward Frenchies, LLC

Subject Dog 00355258 Date Received: 3/21/2022

Dog Name: Girl 2 Yellow **Registration:** NP729763
Breed: French Bulldog **Microchip:**
Phenotype: **Sex:** Female **Birth:** 02/24/2022

<p>Sire</p> <p>Sire Name: Junior Polar Breed: French Bulldog Registration: NP60279404 Phenotype: Platinum</p>	<p>Dam</p> <p>Dam Name: Ella De La Vita Breed: French Bulldog Registration: NP61907707 Phenotype: Lilac Merle</p>
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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/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		
<input checked="" type="checkbox"/>	Merle	n/M	Dog has one copy of the "M" merle allele and one negative "m" copy of merle allele. The dog can pass either allele on to any 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.

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.

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT200	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CANAME1	FH2054	FH2048	INRA21	INU005	INU080	INU055	
-	-	-	-	-	-	-	
REN4P11	REN162004	REN169001	REN163010	REN247M28			

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.