

## Canine Genetic Testing Report

Submitted By  
**David Faccini**



**Subject Dog** **00258967** **Date Received:** 5/6/2021

**Dog Name:** Lune Bleu's Merle Female (Yellow Collar)  
**Breed:** French Bulldog  
**Phenotype:** Merle

**Registration:** NP657525  
**Microchip:**  
**Sex:** Female **Birth:** 04/04/2021

**Sire**

**Sire Name:** Nyirsegi Rancos Kadi  
**Breed:** French Bulldog  
**Registration:** NP61403201  
**Phenotype:** Merle

**Dam**

**Dam Name:** Lune Bleu  
**Breed:** French Bulldog  
**Registration:** NP55257601  
**Phenotype:** Blue Fawn

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/n Dog does not carry the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/a Dog has one copy of 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
	CMR1	Not Tested
	cord1-PRA	Not Tested
	DM	Not Tested
	HUU	Not Tested
	JHC	Not Tested

Coat Type Testing		
	Hair Length	Not Tested
	Hair Curl	Not Tested
	Furnishings	Not Tested
	Shedding	Not Tested

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	REN169O18	REN247M23			

**Additional Comments**

A-Panel: Ay/a - Dog is fawn and carries recessive black.  
E-Panel: EM/E-Dog has one copy of the melanistic mask allele and does not carry the recessive yellow allele.