

Canine Genetic Testing Report

Submitted By
David Faccini



Subject Dog **00258970** **Date Received:** 5/6/2021

Dog Name: Lune Bleu's Merle Male (Red Collar) **Registration:** NP657525
Breed: French Bulldog **Microchip:**
Phenotype: Merle **Sex:** Male **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			
X	A Locus-Ay	n/AY	Dog has one copy of the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
X	Cocoa	co/co	Cocoa: Dog has two copies of the cocoa mutation.
X	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.
X	E Locus- EM	n/EM	Dog has one copy of the allele for melanistic mask
X	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.
X	K Locus-KB	n/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
X	Spotting	N/S	Dog has one copy of 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	REN169O18i	REN247M23			

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 does not carry the recessive yellow allele.