

Canine Genetic Testing Report



Submitted By
David Faccini

Subject Dog 00258966	Date Received: 5/6/2021
Dog Name: Lune Bleu's Merle Female (Pink 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			
X	A Locus-Ay	n/n	Dog does not carry 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/a	Dog has one copy of 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	n/co	Carrier: Dog has one copy 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/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: At/a - Dog is black-and-tan 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.