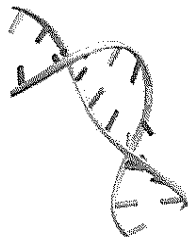


Canine Genetic Testing Report



Submitted By
Laurie Rahn
LSR French Bulldogs
9635 N 1700 Ave
Osco, IL 61274
United States

Subject Dog 00113487 **Date Received:** 3/3/2018

Dog Name: LSR The Incredible Sadie Mae **Registration:** 7E10162033
Breed: French Bulldog **Sex:** Female
Phenotype: Blue **Birth:** 06/06/2017

Sire
Sire Name:
Breed:
Registration:
Phenotype:

Dam
Dam Name:
Breed:
Registration:
Phenotype:

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-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	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	EM/EM	Dog has two copies of 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/KB	Dog has one copy of the dominant black gene. Dog is self-colored, and can pass on that gene to any offspring.
X	Spotting	N/S	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Harlequin		Not Tested
	Merle		Not Tested

Genetic Disorders			
X	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
	cord1-PRA		Not Tested
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	HUU	n/n	Clear: Dog tested negative for the Hyperuricosuria.
X	JHC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.

Sadie bred to tan points could make 25% puppies tan points, 25% ^{sable} carriers = 50% not express

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

*Kyⁿ/KB Brindle
Bred to At/At
25% 50% 25% sable
tan points
50% not express*

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	Not Tested
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INUC30	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Additional Comments
A-Panel: Ay/At-Dog is fawn and carries black-and-tan.
E-Panel: EM/EM-Dog has two copies of the melanistic mask allele and does not carry the recessive yellow allele.