

Subject Dog 00120206

Date Received: 5/14/2018

Dog Name: Blue Ribbon Frenchies Mr. Riggs
Breed: French Bulldog
Phenotype: Chocolate & Tan

Registration: NP49667105
Sex: Male
Birth: 03/04/2018

Sire

Sire Name: Jelly Bean Johnson
Breed: French Bulldog
Registration: NP40972301
Phenotype: Lilac & Tan

Dam

Dam Name: H&H Macy of Northern Bullies
Breed: French Bulldog
Registration: NP36867501
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-AI	AI/AI	Dog has two copies 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	Did	Dog carries the dilution gene, but will appear full color.
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 carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Harlequin		
	Merle		

Genetic Disorders

X	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
	cord1-PRA		
X	DM	n/n	Clear: Dog is negative for the Degenerative Myopathy mutation.
X	HUU	n/n	Clear: Dog tested negative for the Hyperuricemia.
X	JHC	n/n	Clear: Dog tested negative for the HSP-4 Hereditary Cataracts mutation.

Coat Type Testing

Hair Length	n/n
Hair Curl	n/n
Furnishings	n/n
Bobtail	n/n
Shedding	n/n

Genetic Marker Results

Run Date: 05/14/2018

-	-	-	-	-	-	-
AHT121	AHT131	AHT171	AHT200	AHT211	AHT212	CD227N
-	-	-	-	-	-	-
CAN-ANK1	FNDR4	FNDR5	FNDR11	FNDR5	FNDR10	FNDR11
-	-	-	-	-	-	-
RENR4F11	RENR4F12	RENR4F13	RENR4F14	RENR4F15	RENR4F16	RENR4F17

Additional Comments

A-Panel: AI/AI-Homozygous for black-and-tan.
 E-Panel: EME-Dog has one copy of the melanistic mask allele, and does not carry the recessive yellow allele.