

Subject Dog 00329466Dog Name: **Windy's Blue Female w/ Stripe**

Breed: French Bulldog

Phenotype: Blue

Registration:

Microchip: 99100300

Sex: Female

Sire

Sire Name:

Breed:

Registration:

Phenotype:

Dam

Dam Name:

Breed:

Registration:

Phenotype:

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/S	Dog has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

Coat Type Testing

X	Hair Length	I4/I4	Long Hair: Dog has two copies of the L4 long hair allele.
X	Hair Curl	n/n	Non-Curlly Coat: Dog does not carry the mutation for coat curl.
X	Furnishings	n/n	Dog is negative for the Furnishings mutation.
X	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.

Genetic Disorders

	CDDY		<i>Not Te:</i>
	CDPA		<i>Not Te:</i>
X	CMR1	n/n	Clear: I Type 1.
	cord1-PRA		<i>Not Te:</i>
X	DM	n/n	Clear: I Myelop
X	HUU	n/n	Clear: I
X	JHC	n/n	Clear: I mutatio

Genetic Marker Results

-	-	-	
AHT121	AHT137	AHT171	A
-	-	-	
CAN-AMEL	FH2054	FH2848	
-	-	-	
REN54P11	REN162C04	REN169D01	RE

Additional Comments

A-Panel: At/a - Dog is black-and-ta
 E-Panel: EM/E-Dog has one copy of
 not carry the recessive yellow allele