

Millersburg, OH 44654



Subject Dog 00159887

Date Received: 7/9/2019

Dog Name: ~~Yellow~~ **Ashton**
 Breed: French Bulldog
 Phenotype:

Registration:
 Microchip:
 Sex: Male Birth: 05/26/2019

Sire

Sire Name: World Class King Charleston
 Breed: French Bulldog
 Registration: NP48733909
 Phenotype: Lilac

Dam

Dam Name: Rosie's Annabelle
 Breed: French Bulldog
 Registration: NP49195203
 Phenotype: Blue

Coat Color Testing

<input checked="" type="checkbox"/>	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n	Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/a	Dog has one copy of the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	E Locus- EM	EM/EM	Dog has two copies of allele for melanistic mask.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	K Locus-KB	n/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
<input checked="" type="checkbox"/>	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

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

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHTn171	AHTn260	AHTk211	AHTk253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-		
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		

Additional Comments

King Ashton Charles

Status: Finished

Cheek (Buccal) Swab received on Jun 10, 2022.

French Bulldog Disorder Panel

Canine Multifocal Retinopathy Type 1 (CMR1)

n/n

Clear: Dog is negative for the mutation associated with CMR1.

Degenerative Myelopathy (DM)

n/n

Clear: Dog is negative for mutation associated with Degenerative Myelopathy.

Hyperuricosuria (HUU)

n/n

Clear: Dog is negative for the mutation associated with Hyperuricosuria.

Juvenile Hereditary Cataracts (JHC)

n/n

Clear: Dog is negative for the mutation associated with Juvenile Hereditary Cataracts.