AnimalGenetics INCORPORATED
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Tallahassee, FL 32308

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Canine Genetic Testing Report

Submitted By
Mandy Pilgrim Pinerock French Bulldogs

Subject Dog 00196181 Date Received: 7/10/2020

Dog Name: **Jager Punk** Registration:
Breed: French Bulldog Microchip:
Phenotype: Sex: Male Birth:

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	At/At	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	Cocoa	co/co	Cocoa: Dog has two copies 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/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
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*

Coat Type Testing

X	Hair Length	l4/l4	Long Hair: Dog has two copies of the L4 long hair allele.
	Hair Curl		*Not Tested*
	Furnishings		*Not Tested*
	Shedding		*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*

Genetic Marker Results

Run Date: 10/1/2020

96/98 AHT121	149/151 AHT137	219/225 AHTh171	238/252 AHTh260	87 AHTk211	290/292 AHTk253	120/126 C22-279
189/224 CAN-AME1	156/168 FH2054	238/240 FH2848	95 INRA21	126/130 INU005	150/152 INU030	210/218 INU055
226 REN54P11	202 REN162C04	216 REN169D01	168 REN169O18	268 REN247M23		

Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.

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