AnimalGenetics
INCORPORATED
3382 Capital Circle NE
Tallahassee, FL 32308

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Canine Genetic Testing Report

Submitted By

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Preferred Frenchies
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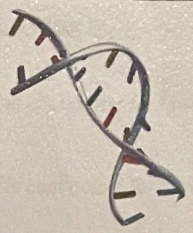

Subject Dog 00212954

Date Received: 10/17/2020

Dog Name: **Lego**
Breed: French Bulldog
Phenotype: Blue Merle
Registration:
Microchip:
Sex: Male
Birth: 05/15/2020

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/n	Dog does not carry the tan points/tricolor gene.
X	A Locus-a	a/a	Dog has two copies 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	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/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		*Not Tested*
	Merle		*Not Tested*

Coat Type Testing

	Hair Length		*Not Tested*
	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: *Not Tested*

- AHT121	- AHT137	- AHTh171	- AHTh260	- AHTk211	- AHTk253	- C22-279
- CAN-AMEL	- FH2054	- FH2848	- INRA21	- INU005	- INU030	- INU055
- REN54P11	- REN162C04	- REN169D01	- REN169O18	- REN247M23		

Additional Comments

A-Panel: a/a - Homozygous for recessive black.
E-Panel: EM/EM-Dog has two copies of the melanistic mask allele and does not carry the recessive yellow allele.