Animal Genetics

Generated on: 01/02/2025

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report
9320

Submitted By	Owned By
Reuben & Rosanna Hershberger 2240 Township Road 670 Dundee, OH 44624 USA	Reuben & Rosanna Hershberger 2240 Township Road 670 Dundee, OH 44624 USA

Subject Dog

Name: 9320
Breed: French Bulldog
Phenotype: Husky koi
Sex: Female
Birth: 11/14/2024

Lab Reference #: 877920
Sample Date: 12/26/2024
Research Date: 12/26/2024
Microchip: 9320

Disorder Results(4 of 17)

CMR1	**n/n**	Clear: Dog is negative for the mutation associated with CMR1.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
HUU	**n/n**	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
JHC	**n/n**	Clear: Dog is negative for the mutation associated with Juvenile Hereditary Cataracts.

Color Results(7 of 17)

A-Locus	**at/at**	Dog has two copies of the gene causing tan points.
Albinism	**n/n**	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	**b/b**	Dog has two copies of the brown/chocolate gene.
Cocoa	**n/co**	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
D-Locus	**d/d**	Homozygous: Dog has two copies of the d1 mutation associated with a diluted coat color. The dog's base coat will be diluted.
E-Locus	**EM/E**	Dog is negative for cream/yellow and has one copy of mask.
K-Locus	**n/n**	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

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Pattern Results(2 of 17)		
Merle	**n/M**	Heterozygous: Dog has one copy of the merle allele
S-Locus	**n/n**	Negative: Dog is negative for the S-Locus. No white spotting will be present.
Trait Results(4 of 17)		
Curl 1&2	**n/n**	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	**n/n**	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	**L/l^{4}**	Dog carries one copy of the l4 long hair allele.
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.