

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Charlie (Blue Merle wbb)

Submitted By	Owned By
Happy Tail Pets, LLC 4460 Township Road 617 Millersburg, OH 44654 USA	Happy Tail Pets, LLC 4460 Township Road 617 Millersburg, OH 44654 USA

Subject Dog	Lab Reference #:
Name: Charlie (Blue Merle wbb) Breed: French Bulldog Phenotype: Sex: Male Birth: 10/05/2022	824092 Sample Date: 10/18/2022 Research Date: 05/07/2024 Microchip: 0364

Disorder Results(4 of 15)		
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(6 of 15)		
A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	B/B	Dog does not carry the mutation for most forms of chocolate coloration.
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 carries one copy of 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(1 of 15)

S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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Trait Results(4 of 15)

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)	I ⁴ /I ⁴	Two copies of the I4 long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.