

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Ocean Wave

Submitted By	Owned By
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Subject Dog	
<b>Name:</b> Ocean Wave <b>Breed:</b> English Bulldog <b>Phenotype:</b> Blue Trindle <b>Sex:</b> Female <b>Birth:</b> 09/01/2023	<b>Lab Reference #:</b> 851574 <b>Sample Date:</b> 11/12/2024 <b>Research Date:</b> 11/12/2024

Disorder Results(7 of 18)		
CDDY	<b>N/N</b>	Clear: Dog is negative for the mutation associated with CDDY.
CDPA	<b>N/N</b>	Clear: Dog is negative for the CDPA mutation.
CMR1	<b>n/n</b>	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	<b>CY/CY</b>	Dog has two copies of the variant linked to cystinuria in bulldogs, and may be affected based on gender and additional factors.
CY3- var. 3	<b>CY/CY</b>	Dog has two copies of the variant somewhat linked to cystinuria in bulldogs.
DM	<b>n/DM</b>	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
HUU	<b>n/HUU</b>	Carrier: Dog has one copy of the Hyperuricosuria mutation. The dog is not affected by HUU but may pass the gene to offspring.

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#### Color Results(6 of 18)

A-Locus	<b>AY/at</b>	Dog is fawn/sable and carries for tan point gene.
Albinism	<b>n/n</b>	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	<b>B/b</b>	Dog carries one copy of the gene responsible for chocolate /brown coloration
D-Locus	<b>d/d</b>	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	<b>E/E</b>	Dog is negative for cream/yellow and negative for mask.
K-Locus	<b>n/KB</b>	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

#### Pattern Results(1 of 18)

S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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#### Trait Results(4 of 18)

Curl 1&2	<b>n/n</b>	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	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>L/L</b>	Negative for long coat allele
Shedding	<b>n/n</b>	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.