

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

### Stoney Hill Alexander

Submitted By	Owned By
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Subject Dog	Lab Reference #:
<b>Name:</b> Stoney Hill Alexander <b>Breed:</b> French Bulldog <b>Phenotype:</b> Blue/Tan <b>Sex:</b> Male <b>Birth:</b> 01/09/2020	<b>773851</b> <b>Sample Date:</b> 11/21/2023 <b>Research Date:</b> 11/21/2023 <b>Microchip:</b> 900215000348348 <b>American Kennel Club:</b> NP58055301

Disorder Results(6 of 19)		
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	n/n	Dog is negative for the variant linked to cystinuria in bulldogs.
CY3- var. 3	n/n	Dog is negative for variant somewhat linked to cystinuria in bulldogs.
DM	n/DM	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	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.

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#### Color Results(7 of 19)

A-Locus	<b>at/at</b>	Dog has two copies of the gene causing tan points.
Albinism	<b>n/n</b>	Dog is negative for the allele causing albinism in some small breeds.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
Cocoa	<b>n/n</b>	Dog is negative for the mutation associated with chocolate in French Bulldogs.
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>EM/E</b>	Dog is negative for cream/yellow and has one copy of mask.
K-Locus	<b>n/n</b>	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

#### Pattern Results(2 of 19)

Merle	<b>n/n</b>	Clear: Dog is negative for the mutation associated with merle.
S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.

#### Trait Results(4 of 19)

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.