Animal Genetics

Generated on: 10/21/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Alvin Blank's Bella

Submitted By

Jonas Stoltzfus

238 Cut Road
Kinzers, PA 17535
USA

Owned By

Subject Dog

Name: Alvin Blank's Bella
Breed: English Bulldog
Phenotype: Blue Merle Tri
Sex: Female
Birth: 01/04/2022

Lab Reference #: 881301
Sample Date: 01/15/2025
Research Date: 01/15/2025

Disorder Results(5 of 17)

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/CY**	Dog has one copy of the variant somewhat linked to cystinuria in bulldogs.
DM	**n/n**	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
HUU	**n/HUU**	Carrier: Dog has one copy of the Hyperuricosuria mutation. The dog is not affected by HUU but may pass the gene to offspring.

Animal Genetics

Generated on: 10/21/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Alvin Blank's Bella

Color Results(6 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 carries one copy of the gene responsible for chocolate /brown coloration
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/EM**	Dog is negative for cream/yellow and has two copies of mask.
K-Locus	**n/n**	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.
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**	Negative for long coat allele
Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.