

**Disorder Results(6 of 20)**

CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
CY3- var. 2	CY/CY	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	n/n	Dog is negative for variant somewhat linked to cystinuria in bulldogs.
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.

# Arlo

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**Animal Genetics**

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**3382 Capital Circle NE  
Tallahassee, FL 32308**
**Genetic Testing Report  
Arlo**
**Color Results(8 of 20)**

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
Cocoa	n/co	Dog carries one copy of the mutation associated with chocolate coat color in the French Bulldog.
D-Locus	D/d	Heterozygous: Dog carries one copy of the d1 mutation associated with a diluted coat color and may pass the mutation to offspring.
E-Locus (E, EM, eA, eW, e)	EM/EM	Dog is negative for cream/yellow and ancient red, and has two copies of mask.
I Locus	n/n	Dog is negative for the allele associated with lighter phaeomelanin pigment.
K-Locus	n/KB	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

**Pattern Results(2 of 20)**

Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
S-Locus	S/S	Homozygous: Dog has two copies of S-Locus resulting in a nearly solid white, parti, or piebald coat color.

**Trait Results(4 of 20)**

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 <sup>4</sup>	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.