

Submitted By

Rachel Harritt

Subject Dog

 Dog Name: **Odin**

Lab Reference #

 Breed: **Boston Terrier**

Registration.

 Phenotype: **Black & White**

 Sex: **Male**

 Birth: **Nov 16, 2020**
Disorder Results (4 of 14)

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 (5 of 14)

A-Locus	at/a	Dog has tan points and carries recessive black.
B-Locus	B/b	Dog carries one copy of the gene responsible for chocolate/brown coloration
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	EM/EM	Dog is negative for cream/yellow and has two copies of mask.
K-Locus	n/K ^B	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

Pattern Results (1 of 14)

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 14)

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.