

Genetic Testing Report

Blueberry Pie Crumb

Submitted By

Puppy Lodge

Subject Dog

 Dog Name: **Blueberry Pie Crumb**

 Lab Reference #: **738741**

 Breed: **Dachshund**

 Phenotype: **Blue & Tan**

 Sex: **Female**

Birth:

Disorder Results (3 of 14)

cord1	n/n	Clear: Dog is negative for the mutation associated with cord1-PRA.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
Ol	n/n	Clear: Dog is negative for mutation associated with Ol.

Color Results (5 of 14)

A-Locus	at/at	Dog has two copies of the gene causing tan points.
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	E/e	Dog carries one copy of cream/yellow and is negative for 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 14)

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 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/SD	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.