



# Genetic Testing Report

Sophia's Little Penny

## Submitted By

Puppy Lodge

## Subject Dog

Dog Name: **Sophia's Little Penny**

Lab Reference #: **738742**

Breed: **Dachshund**

Phenotype: **Red**

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.
OI	n/n	Clear: Dog is negative for mutation associated with OI.

## Color Results (5 of 14)

A-Locus	AY/at	Dog is fawn/sable and carries for tan point gene.
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	E/E	Dog is negative for cream/yellow and 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/S	Heterozygous: Dog has one copy of S-Locus. Results vary according to breed, with some limited white spotting in some breeds.

## 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.