

# Genetic Testing Report

**Paisley 4762****Submitted By**

Puppy Lodge

**Subject Dog**Dog Name: **Paisley 4762**Lab Reference #: **995649**Breed: **Miniature Dachshund**Phenotype: **chocolate tan**Sex: **Female**Birth: **Aug 14, 2024****Disorder Results (3 of 13)**

|       |     |                                                                              |
|-------|-----|------------------------------------------------------------------------------|
| 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 13)**

|                            |       |                                                                                                                                    |
|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------|
| A-Locus                    | at/at | Dog has two copies of the gene causing tan points.                                                                                 |
| B-Locus                    | b/b   | Dog has two copies of the brown/chocolate gene.                                                                                    |
| 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) | E/E   | Dog is negative for cream/yellow, mask, and ancient red.                                                                           |
| K-Locus                    | n/n   | Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.                                   |

**Pattern Results (1 of 13)**

|         |     |                                                                               |
|---------|-----|-------------------------------------------------------------------------------|
| S-Locus | n/n | Negative: Dog is negative for the S-Locus. No white spotting will be present. |
|---------|-----|-------------------------------------------------------------------------------|

**Trait Results (4 of 13)**

|                   |      |                                                                                                                                                                    |
|-------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                             |