Animal Genetics

Generated on: 11/23/2026

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Petunia 4558

Submitted By	Owned By
Puppy Lodge 33600 TR 219 Fresno, OH 43824 USA	Puppy Lodge 33600 TR 219 Fresno, OH 43824 USA

Subject Dog

Name: Petunia 4558
Breed: Miniature Smooth Dachshund
Phenotype: sable
Sex: Female
Birth: 11/09/2024

Lab Reference #: 974778
Sample Date: 05/11/2026
Research Date: 05/11/2026
Microchip: 9002550001214558

Disorder Results(3 of 14)		
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.
cord1	**n/n**	Clear: Dog is negative for the mutation associated with cord1-PRA.
Color Results(6 of 14)		
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 has two copies of the brown/chocolate gene.
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, EM, eA, eW, e)	**E/e**	Dog carries one copy of cream/yellow and is negative for ancient red and 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(1 of 14)		
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.

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