

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

chocolate & tan female 1

Submitted By	Owned By
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Carthage, MO 64836 USA	Carthage, MO 64836 USA

Subject Dog	Lab Reference #:
Name: chocolate & tan female 1 "Pebbles"	863632
Breed: Longhaired Miniature Dachshund	Sample Date: 10/31/2024
Phenotype: chocolate & tan	Research Date: 12/09/2024
Sex: Female	
Birth: 09/17/2024	

Disorder Results(3 of 15)		
DM	n/DM	Heterozygous: Dog carries one copy of the mutation associated with Degenerative Myelopathy. In some breeds, there is a low risk of the dog developing the disorder
OI	n/n	Clear: Dog is negative for mutation associated with OI.
cord1	n/P	Carrier: Dog carries one copy of the mutation associated with cord1-PRA. Dog will not be affected by cord1-PRA but may pass the mutation to offspring.

Color Results(7 of 15)		
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	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/e	Dog carries one copy of cream/yellow and is negative for mask.
I Locus	Int/Int	Dog has two copies the allele associated with lighter phaeomelanin pigment.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.

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Pattern Results(1 of 15)

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 15)

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)	l¹/l¹	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	n/n	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.