

3382 Capital Circle NE  
Tallahassee, FL 32308

## Genetic Testing Report

Amanda

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

Subject Dog	
<b>Name:</b> Amanda <b>Breed:</b> Golden Retriever <b>Phenotype:</b> red <b>Sex:</b> Female <b>Birth:</b> 10/28/2021	<b>Lab Reference #:</b> 854014 <b>Sample Date:</b> 03/18/2025 <b>Research Date:</b> 03/18/2025 <b>Microchip:</b> 99100300669270

Disorder Results(8 of 18)		
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
GPRA1	n/n	Clear: Dog is negative for the mutation associated with GR-PRA1.
GPRA2	n/n	Clear: Dog is negative for the mutation associated with GR-PRA2.
GRMD	n/n	Clear: Dog is negative for the mutation associated with Muscular Dystrophy.
Ich (GR)	n/lch	Carrier: Dog has one copy of the Ichthyosis mutation. The dog is not affected by Ichthyosis but may pass the gene to offspring.
Ich-2	n/n	Dog is clear of the mutation associated with Ichthyosis 2.
NCL-GR	n/n	Clear: Dog is negative for mutation associated with NCL-GR.
PRA-prcd	n/n	Negative: Dog is negative for the mutation associated with prcd-PRA.

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### Color Results(5 of 18)

A-Locus	<b>at/at</b>	Dog has two copies of the gene causing tan points.
B-Locus	<b>B/B</b>	Dog does not carry the mutation for most forms of chocolate coloration.
D-Locus	<b>D/D</b>	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	<b>e/e</b>	Dog has two copies of cream/yellow.
K-Locus	<b>n/KB</b>	Both the KB and negative alleles detected; dog can be brindled or express only the base coat.

### Pattern Results(1 of 18)

S-Locus	<b>n/n</b>	Negative: Dog is negative for the S-Locus. No white spotting will be present.
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### Trait Results(4 of 18)

Curl 1&2	<b>n/n</b>	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	<b>n/n</b>	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	<b>l<sup>1</sup>/l<sup>1</sup></b>	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	<b>SD/SD</b>	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.