

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Twinkling Twinkie 3733**Submitted By**

Puppy Lodge

Subject DogDog Name: **Twinkling Twinkie 3733**Breed: **Golden Retriever**Phenotype: **golden**Sex: **Female**Birth: **Jun 25, 2021**Lab Reference #: **996526**Registration: **SS27506708**Microchip: **991003001243733****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.
Ich (GR)	n/n	Clear: Dog is negative for the mutation associated with Ichthyosis.
Ich-2	n/n	Dog is clear of the mutation associated with Ichthyosis 2.
GRMD	n/n	Clear: Dog is negative for the mutation associated with Muscular Dystrophy.
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.

Color Results (5 of 18)

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

Pattern Results (1 of 18)

S-Locus	n/n	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	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 ¹ /l ¹	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	n/SD	Dog carries one copy of the shedding allele. The dog will have an average propensity towards shedding.