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Animal Genetics

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Flash

Submitted By	Owned By
Amos Zook Jr. [redacted] USA	Amos Zook Jr.

Subject Dog

Dog Name: **Flash**
Breed: **Miniature Goldendoodle**
Phenotype: **Red & White**
Sex: **Male**
Birth: **11-4-24**

Lab Reference #: **877493**

Disorder Results (12 of 22)

CDPA	**N/N**	Clear: Dog is negative for the CDPA mutation.
CDDY	**N/N**	Clear: Dog is negative for the mutation associated with CDDY.
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.
NEwS	**n/n**	Clear: Dog is negative for mutation associated with NEwS.
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.
vWD1	**n/n**	Clear: Dog is negative for the mutation associated with von Willebrand's Disease Type I.

Color Results (5 of 22)

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	**KB/KB**	Dog has two copies of the KB allele, and will not express the agouti phenotype.

Pattern Results (1 of 22)

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.

Trait Results (4 of 22)

Curl 1&2	**C^1/C^1**	The dog has two copies of the hair curl allele. The dog will have curly hair, and will always pass on a copy of the hair curl allele to any offspring. All offspring of this dog will have curly hair.
Furnishings	**F/F**	Furnished: Dog has two copies of the furnishings mutation and will always produce offspring with a furnished coat.
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.

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Trait Results Continued

Shedding	**n/n**	Dog has no copies of the shedding allele. The dog will have a low propensity towards shedding.