

## Canine Genetic Testing Report

Submitted By

**Subject Dog** 00154122 Date Received: 5/1/2019

Dog Name: **Pepper** Registration:  
Breed: **Goldendoodle** Microchip:  
Phenotype: **Black & White** Sex: **Female** Birth: **04/23/2019**

**Sire**

Sire Name: **Guinness**  
Breed: **Goldendoodle**  
Registration:  
Phenotype: **Chocolate**

**Dam**

Dam Name: **Lilly**  
Breed: **Goldendoodle**  
Registration:  
Phenotype: **Sable**

Coat Color Testing			
<input checked="" type="checkbox"/>	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
<input checked="" type="checkbox"/>	A Locus-Aw	n/n	Negative for wild-sable.
<input checked="" type="checkbox"/>	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
<input checked="" type="checkbox"/>	A Locus-a	n/a	Dog has one copy of the gene responsible for recessive black coat color.
<input checked="" type="checkbox"/>	B Locus	B/b	Dog carries a copy of the allele responsible for brown color and can potentially pass on that allele to future offspring.
<input checked="" type="checkbox"/>	D Locus	D/d	Dog carries the dilution gene, but will appear full color.
<input checked="" type="checkbox"/>	E Locus- EM	EM/EM	Dog has two copies of allele for melanistic mask.
<input checked="" type="checkbox"/>	E Locus- e	E/E	Dog does not carry the gene responsible for yellow coat color. This dog will never pass on the allele for yellow coat color.
<input checked="" type="checkbox"/>	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.
<input checked="" type="checkbox"/>	Spotting	S/S	Dog has two copies of the MITF variant associated with partial in some breeds.
	Harlequin		Not Tested
	Merle		Not Tested

Coat Type Testing			
<input checked="" type="checkbox"/>	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
<input checked="" type="checkbox"/>	Hair Curl	n/n	Dog does not carry the mutation for coat curl.
<input checked="" type="checkbox"/>	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
	Bobtail		Not Tested
<input checked="" type="checkbox"/>	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.

Genetic Disorders		
DM		Not Tested
GR-PRA1		Not Tested
GR-PRA2		Not Tested
Ich		Not Tested
MD		Not Tested
NEwS		Not Tested
prcd-PRA		Not Tested
vWD1		Not Tested

Genetic Marker Results							Run Date:
-	-	-	-	-	-	-	Not Tested
AHT121	AHT137	AHT171	AHT260	AHTk211	AHTk253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-	-	-	
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

**Additional Comments**

A-Panel: At/a - Dog is black-and-tan and carries recessive black.  
E-Panel: EM/EM-Dog has two copies of the melanistic mask allele and does not carry the recessive yellow allele.