

## Canine Genetic Testing Report

Submitted By
Callie Brown Goldendoodles Forever 14987 Budd Rd Dubuque, IA 52002

<b>Subject Dog</b> 00222213	Date Received: 12/1/2020
Dog Name: <b>Macey's Blue Collar</b> (Sadie) Breed: Goldendoodle Phenotype: Chocolate	Registration: Microchip: Sex: Female Birth: 10/28/2020

<b>Sire</b>
Sire Name: Vinny Breed: Goldendoodle Registration: Phenotype: Chocolate

<b>Dam</b>
Dam Name: Macey Breed: Goldendoodle Registration: Phenotype: Black

Coat Color Testing		
X	A Locus-Ay	n/n Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n Negative for wild-sable.
X	A Locus-At	n/At Dog has one copy of the tan points/tricolor gene.
X	A Locus-a	n/a Dog has one copy of the gene responsible for recessive black coat color.
X	B Locus	b/b Dog has two copies of the brown/chocolate gene. All black pigment will be modified to brown/chocolate pigmentation.
	Cocoa	Not Tested
X	D Locus	D/D Dog is negative for the dilution gene.
X	E Locus- EM	n/EM Dog has one copy of the allele for melanistic mask
X	E Locus- e	E/e Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.
X	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.
X	Spotting	N/S Dog has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin	Not Tested
	Merle	Not Tested

Genetic Disorders		
X	CDDY	N/N Dog is negative for the CDDY mutation.
X	CDPA	N/N Dog is negative for the CDPA mutation.
	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

Coat Type Testing		
X	Hair Length	l/l Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	n/C Curly Coat: Dog has one copy of the coat curl mutation, and could pass it on to any offspring.
X	Furnishings	F/F Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/n Negative: Dog is unlikely to be a high shedding dog.

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/e-Dog has one copy of the melanistic mask allele and one copy of the recessive yellow allele.