

Canine Genetic Testing Report



Submitted By

Robin Knox
Keepsake Goldendoodles
3327 Grenfall Rd
Norton, OH 44203

Subject Dog 00041530

Date Received: 10/26/2015

Dog Name: **GSGreenM081415**

Breed: Goldendoodle

Phenotype: Light Golden

Registration:

Sex: Male

Birth: 08/14/2015

Sire

Sire Name: Rosaline N Monarchs Twist N Shout "Sprout"

Breed: Miniature Poodle

Registration: UKC K112-127

Phenotype: Red/White Parti

Dam

Dam Name: Dejon N Monarch's Peaches N Cream "Ginger"

Breed: Golden Retriever

Registration: AKC SR75152903

Phenotype: Light Golden

Coat Color Testing

X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-At	n/At	Dog has one copy of the tan points/tricolor gene.
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring
X	D Locus	D/D	Dog is negative for the dilution gene.
X	E Locus- EM	n/n	Dog does not carry allele for melanistic mask.
X	E Locus- e	e/e	The dog is yellow-based, and will always pass on a copy of the yellow allele to any offspring.
X	K Locus-KB	KB/KB	Dog has two copies of the dominant black gene, and will be self-colored. Dog will always have self-colored offspring.
X	Spotting	N/S	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.
	Harlequin		Not Tested
	Merle		Not Tested

Genetic Disorders

X	DM	n/DM	Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.
	GR-PRA1		Not Tested
	GR-PRA2		Not Tested
	Ich		Not Tested
	MD		Not Tested
	NEwS		Not Tested
	vWFD1		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: Aw/At-Dog is wild-sable and carries black-and-tan.
E-Panel: e/e-Dog has two copies of the recessive yellow allele and will express the yellow phenotype. Dog does not carry the melanistic mask allele.

Coat Type Testing

	Hair Length		Not Tested
	Hair Curl	-/+	Not Tested By Parentage
X	Furnishings	n/F	Dog has 1 copy of the Furnishings mutation, and has a 50% chance of passing on the Furnishings allele to any offspring.
	Bobtail		Not Tested