

Canine Genetic Testing Report



Submitted By

Robin Knox
Keepsake Goldendoodles
3327 Grenfall Rd
Norton, OH 44203

Subject Dog 00059206

Date Received: 7/26/2016

Dog Name: **Schommer N Keepsakes Lil Temptation**

Registration:

Breed: Goldendoodle

Sex: Female

Phenotype: Chocolate

Birth: 05/23/2016

Sire

Keepsake's Lil Temptation
By Schommer

Sire Name: Schommer Loki

Breed: Goldendoodle

Registration:

Phenotype:

Dam

Dam Name: Schommer Lacey

Breed: Goldendoodle

Registration:

Phenotype:

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/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.
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	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		<i>Not Tested</i>
	Merle		<i>Not Tested</i>

Genetic Disorders

X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	GR-PRA1	n/n	Clear: Dog tested negative for the GR-PRA1 mutation.
X	GR-PRA2	n/n	Clear: Dog tested negative for the GR-PRA2 mutation.
X	Ich	n/n	Clear: Dog tested negative for the Ichthyosis mutation.
X	MD	n/n	Clear: Dog tested negative for the Muscular Dystrophy mutation.
X	NEwS	n/n	Clear: Dog tested negative for the NEwS mutation.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.

Coat Type Testing

	Hair Length		<i>Not Tested</i>
X	Hair Curl	C/C	Dog has two copies of the coat curl mutation, and will always 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
	Bobtail		<i>Not Tested</i>

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.