

Canine Genetic Testing Report



Submitted By

Robin Knox
Keepsake Goldendoodles
3327 Grenfall Rd
Norton, OH 44203

Subject Dog 00042563

Date Received: 11/13/2015

Dog Name: **Farmer N Keepsake's Penny From Heaven**

Registration:

Breed: Goldendoodle

Sex: Female

Phenotype: Red

Birth: 11/06/2014

Sire

Sire Name:

Breed:

Registration:

Phenotype:

Dam

Dam Name:

Breed:

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/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	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/N	Negative: Dog is negative for the spotting or parti-color gene.
	Harlequin		Not Tested
	Merle		Not Tested

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.

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.