

Canine Genetic Testing Report

Submitted By

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Subject Dog 00038045 Date Received: 8/17/2015

Dog Name: **Winston** Registration: 1700581
 Breed: **Goldendoodle** Sex: **Male**
 Phenotype: **Red** Birth: 06/16/2014

Sire	Dam
Sire Name: Breed: Registration: Phenotype:	Dam Name: Breed: Registration: Phenotype:

Coat Color Testing			
X	A Locus-Ay	n/Ay	Dog has one copy of 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

Coat Type Testing		
Hair Length		Not Tested
Hair Curl		Not Tested
Furnishings		Not Tested
Bobtail		Not Tested

Genetic Disorders			
	DM		Not Tested
	GR-PRA1		Not Tested
	GR-PRA2		Not Tested
X	Ich	n/n	Clear: Dog tested negative for the Ichthyosis mutation.
	MD		Not Tested
	NEwS		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: Ay/At-Dog is fawn 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.