

## Canine Genetic Testing Report

Submitted By
Robin Knox Keepsake Goldendoodles 3327 Grenfall Rd Norton, OH 44203



Subject Dog	00051767	Date Received: 4/21/2016
Dog Name: <b>BS Red Female</b> Breed: <b>Miniature Poodle</b> Phenotype: <b>Red/White</b>	Registration: Sex: <b>Female</b> Birth: <b>04/15/2016</b>	

Sire	Dam
Sire Name: <b>Sprout</b> Breed: <b>Miniature Poodle</b> Registration: Phenotype: <b>Red/White Parti</b>	Dam Name: <b>Bean</b> Breed: <b>Miniature Poodle</b> Registration: Phenotype: <b>Black/Tan Phantom</b>

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	At/At	Dog has two copies 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/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
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	C/C	Not Tested Cleared by parentage
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
	Bobtail		Not Tested

Genetic Disorders			
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
	NEwS		Not Tested
	vWD1		Not Tested

Genetic Marker Results							Run Date: Not Tested
-	-	-	-	-	-	-	
AHT121	AHT137	AHT171	AHT260	AHT211	AHT253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-			
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

Additional Comments
A-Panel: At/At-Homozygous for 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.