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Canine Genetic Testing Report

Submitted By
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Subject Dog 00271521

Date Received: 6/19/2021

Dog Name: **Journee**
Breed: Goldendoodle
Phenotype: Red
Registration:
Microchip:
Sex: Female
Birth: 04/03/2018

Sire

Sire Name: Sir Mavericks Crimson Journey
Breed: Standard Poodle
Registration:
Phenotype: Red

Dam

Dam Name: Annie
Breed: Goldendoodle
Registration:
Phenotype: Cream

Coat Color Testing

X	A Locus-Ay	n/n	Dog does not carry the gene responsible for fawn/sable coat color.
X	A Locus-Aw	n/n	Negative for wild-sable.
X	A Locus-At	n/n	Dog does not carry the tan points/tricolor gene.
X	A Locus-a	a/a	Dog has two copies of 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
	Cocoa		*Not Tested*
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	n/n	Dog does not have the dominant black gene, and the color pattern is determined by the Agouti gene.
X	Spotting	N/N	Negative: Dog is negative for the MITF variant associated with parti-color in some breeds.
	Harlequin		*Not Tested*
	Merle		*Not Tested*

Coat Type Testing

X	Hair Length	l/l	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	C/C	Curly Coat: 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
X	Shedding	n/n	Negative: Dog is unlikely to be a high shedding dog.

Genetic Disorders

	CDDY		*Not Tested*
	CDPA		*Not Tested*
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	prcd-PRA	n/n	Clear: Analysis indicates dog is negative/clear for the prcd-PRA mutation.
X	vWD1	n/n	Clear: Dog tested negative for the von Willebrand's Type I mutation.
	MDR1		*Not Tested*

Additional Comments

A-Panel: a/a - Homozygous for recessive black.
E-Panel: EM/e-Dog has one copy of the melanistic mask allele and one copy of the recessive yellow allele.