AnimalGenetics
INCORPORATED
3382 Capital Circle NE
Tallahassee, FL 32308

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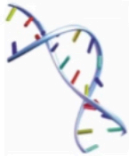
Canine Genetic Testing Report

Submitted By



Arlo

Subject Dog 00325127

Date Received: 12/18/2021

Dog Name: [redacted]
Breed: Miniature Bernedoodle
Phenotype: Tri

Registration:
Microchip:
Sex: Male
Birth: 09/17/2021

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-Aw	n/n	Negative for wild-sable.
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	Cocoa	n/n	Negative: Dog does not carry the cocoa mutation.
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	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/S	Dog has one copy of the MITF variant associated with parti-color in some breeds.
	Harlequin		Not Tested
	Merle		Not Tested

Coat Type Testing

X	Hair Length	I/I	Long Hair: Dog has two copies of the long hair allele.
X	Hair Curl	n/n	Non-Curly Coat: Dog does not carry the mutation for coat curl.
X	Furnishings	F/F	Dog has 2 copies of the Furnishings mutation, and will always produce offspring with Furnishings
X	Shedding	n/SD	Moderate: Dog has one copy of the shedding allele, and is likely to be a moderate shedder.

Genetic Disorders

X	DM	n/n	Clear: Dog is negative for the SOD1A Degenerative Myelopathy mutation.
	vWD1		Not Tested
X	CDDY	N/N	Dog is negative for the CDDY mutation.
X	CDPA	N/N	Dog is negative for the CDPA mutation.
	NEwS		Not Tested
	prcd-PRA		Not Tested

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT121	AHT137	AHTh171	AHTh260	AHTk211	AHTk253	C22-279
-	-	-	-	-	-	-
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
-	-	-	-	-		
REN54P11	REN162C04	REN169D01	REN169O18I	REN247M23		

Additional Comments

A-Panel: At/At - Homozygous for black-and-tan.
E-Panel: E/e-Dog has one copy of the recessive yellow allele and does not carry the melanistic mask allele.