

## Canine Genetic Testing Report



Submitted By
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<b>Subject Dog</b> 00134300	Date Received: 10/1/2018
Dog Name: <b>Red Forrest's Beach Babe</b> Breed: Australian Shepherd Phenotype: Blue Merle	Registration: DN45643302 Sex: Female Birth: 03/16/2016

<b>Sire</b>
Sire Name: Bayoulands Titan of Eaglecrest Breed: Australian Shepherd Registration: Phenotype: Blue Merle

<b>Dam</b>
Dam Name: Haulin A's In A Summer Haze Breed: Australian Shepherd Registration: Phenotype: Red Tri

Coat Color Testing			
	A Locus-Ay		Not Tested
	A Locus-At		Not Tested
	A Locus-a		Not Tested
<b>X</b>	B Locus	<b>B/b</b>	Dog carries a copy of the allele responsible for brown color and can potentially pass on that allele to future offspring.
	D Locus		Not Tested
	E Locus- EM		Not Tested
	E Locus- e		Not Tested
	K Locus-KB		Not Tested
	Spotting		Not Tested
	Harlequin		Not Tested
	Merle		Not Tested

Genetic Disorders			
<b>X</b>	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
<b>X</b>	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
<b>X</b>	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
<b>X</b>	DM	n/DM	Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.
<b>X</b>	HC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
	HUU		Not Tested
<b>X</b>	MDR1	n/n	Clear: Only normal unaltered allele detected. Dog should not exhibit any sensitivity to ivermectin or other drugs associated with this disorder.
<b>X</b>	prcd-PRA	n/n	Clear: Linkage analysis indicates dog is negative/clear for the prcd-PRA mutation.

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

<b>Additional Comments</b>
None