

## Canine Genetic Testing Report



Submitted By
Kathy Fretz
37 Maxham Rd. Woodstock, VT 05091

<b>Subject Dog</b> 00051443	Date Received: 4/18/2016
Dog Name: <b>Sunpiper's By A Landslide</b> Breed: Australian Shepherd Phenotype: Black Tri	Registration: DN34496801 Sex: Male Birth: 08/11/2012

<b>Sire</b>
Sire Name: Sazbrat Badlands Breed: Australian Shepherd Registration: DN22715503 Phenotype: Red Merle

<b>Dam</b>
Dam Name: Sunpiper's Tears On A River Breed: Australian Shepherd Registration: DN22015701 Phenotype: Black Tri

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-At		Not Tested
A Locus-a		Not Tested
B Locus		Not Tested
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			
X	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
X	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
X	CMR1	n/n	Clear: Dog tested negative for Canine Multifocal Retinopathy Type 1.
X	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
X	HC	n/n	Clear: Dog tested negative for the HSF-4 Hereditary Cataracts mutation.
	HUU		Not Tested
X	MDR1	n/M1	Carrier: Dog carries one copy of the mutation and may pass it on to offspring. May experience some sensitivity to ivermectin or other associated drugs

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			

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

<b>Additional Comments</b>
None