

## Canine Genetic Testing Report



Submitted By
Jennifer Sacco
1126 N. Coronado Peoria, IL 61604 United States

<b>Subject Dog</b> 00161292	Date Received: 7/25/2019
Dog Name: <b>Aspyn Sunstonesaga's Driving Rain</b> Breed: Miniature American Shepherd Phenotype: Blue Merle	Registration: DN57550105 Microchip: Sex: Female Birth: 03/25/2019

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-Aw		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			
<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/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<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/P	Carrier: Linkage analysis indicates dog is a carrier of the prcd-PRA mutation and may pass on a copy of the mutation to any offspring
	CDDY		Not Tested
	CDPA		Not Tested

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

## Canine Genetic Testing Report



Submitted By
Jennifer Sacco
1126 N. Coronado Peoria, IL 61604 United States

<b>Subject Dog</b> 00161293	Date Received: 7/25/2019
Dog Name: <b>Ahnica</b> Breed: <b>Miniature American Shepherd</b> Phenotype: <b>Blue Merle</b>	Registration: <b>DN57550101</b> Microchip: Sex: <b>Female</b> Birth: <b>03/25/2019</b>

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-Aw		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

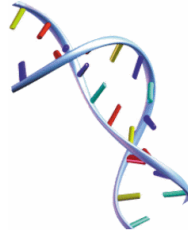
Genetic Disorders			
<b>X</b>	Cone Deg.	n/n	Clear: Dog tested negative for the Cone Degeneration mutation.
<b>X</b>	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
<b>X</b>	CMR1	n/CMR1	Carrier: Dog carries one copy of the Canine Multifocal Retinopathy Type 1 mutation and may pass it on to any offspring.
<b>X</b>	DM	n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<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.
	CDDY		Not Tested
	CDPA		Not Tested

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

## Canine Genetic Testing Report



Submitted By
Jennifer Sacco
1126 N. Coronado Peoria, IL 61604 United States

<b>Subject Dog</b> 00161294	Date Received: 7/25/2019
Dog Name: <b>Lowdyn FHF's Locked and Loaded</b> Breed: <b>Miniature American Shepherd</b> Phenotype: <b>Blue Merle</b>	Registration: <b>DN44456601</b> Microchip: Sex: <b>Female</b> Birth: <b>07/24/2014</b>

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing		
A Locus-Ay		Not Tested
A Locus-Aw		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			
<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/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
<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/P	Carrier: Linkage analysis indicates dog is a carrier of the prcd-PRA mutation and may pass on a copy of the mutation to any offspring
	CDDY		Not Tested
	CDPA		Not Tested

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	AHTk211	AHTk253	C22-279	
-	-	-	-	-	-	-	
CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055	
-	-	-	-	-			
REN54P11	REN162C04	REN169D01	REN169O18	REN247M23			

<b>Additional Comments</b>
None

## Canine Genetic Testing Report



Submitted By
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1126 N. Coronado Peoria, IL 61604 United States

<b>Subject Dog</b> 00161295	Date Received: 7/25/2019
Dog Name: <b>Chilsyn FHF's Shoot Me Straight</b> Breed: Border Collie Phenotype: Red Tri	Registration: DN53714602 Microchip: Sex: Male Birth: 03/29/2018

<b>Sire</b>
Sire Name: Breed: Registration: Phenotype:

<b>Dam</b>
Dam Name: Breed: Registration: Phenotype:

Coat Color Testing			
A Locus-Ay			Not Tested
A Locus-Aw			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			
<b>X</b>	CEA	n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
	CN		Not Tested
<b>X</b>	DH	n/n	Clear: Dog tested negative for the mutation associated with Dental Hypomineralization.
	DM		Not Tested
<b>X</b>	Glau	n/n	Clear: Dog tested negative for the mutation associated with goniodysgenesis and glaucoma.
	HUU		Not Tested
<b>X</b>	IGS	n/n	Clear: Dog tested negative for the IGS mutation.
<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>	NCL5	n/n	Clear: Dog tested negative for the NCL mutation.
	PLL		Not Tested
<b>X</b>	SN	n/n	Clear: Dog tested negative for the Sensory Neuropathy mutation.
<b>X</b>	TNS	n/n	Clear: Dog tested negative for the TNS mutation.

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

<b>Additional Comments</b>
None