

3382 Capital Circle NE
Tallahassee, FL 32308

Genetic Testing Report

Flying M's Modern Day Warrior

Submitted By

Owned By

Subject Dog

Name: Flying M's Modern Day Warrior
Breed: Miniature American Shepherd
Phenotype: Black Tri
Sex: Male
Birth: 04/20/2023

Lab Reference #: 875647
Sample Date: 12/23/2024
Research Date: 12/23/2024
Microchip: 956000015123517
American Kennel Club: DN76312101

Disorder Results(10 of 21)

CD	n/n	Clear: Dog is negative for the mutation associated with Cone Degeneration.
CDDY	N/N	Clear: Dog is negative for the mutation associated with CDDY.
CDPA	N/N	Clear: Dog is negative for the CDPA mutation.
CEA	n/n	Negative: Dog is negative for the mutation associated with Collie Eye Anomaly.
CMR1	n/n	Clear: Dog is negative for the mutation associated with CMR1.
DM	n/n	Clear: Dog is negative for mutation associated with Degenerative Myelopathy.
HC	n/n	Clear: Dog is negative for the HSF4-HC gene mutation associated with bilateral posterior cataracts.
HUU	n/n	Clear: Dog is negative for the mutation associated with Hyperuricosuria.
MDR1	n/n	Clear: Dog is negative for the mutation associated with MDR1.
PRA-prcd	n/n	Negative: Dog is negative for the mutation associated with prcd-PRA.

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Color Results(5 of 21)		
A-Locus	at/at	Dog has two copies of the gene causing tan points.
B-Locus	B/b	Dog carries one copy of the gene responsible for chocolate /brown coloration
D-Locus	D/D	Negative: Dog is negative for the mutation associated with a diluted coat color.
E-Locus	E/E	Dog is negative for cream/yellow and negative for mask.
K-Locus	n/n	Dog is negative for the KB allele, and the coat coloration will be based on the agouti genotype.
Pattern Results(2 of 21)		
Merle	n/n	Clear: Dog is negative for the mutation associated with merle.
S-Locus	n/n	Negative: Dog is negative for the S-Locus. No white spotting will be present.
Trait Results(4 of 21)		
Curl 1&2	n/n	The dog is negative for the hair curl allele. The dog will have non-curly hair, and will always pass on the allele responsible for non-curly hair to any offspring
Furnishings	n/n	Non-Furnished: Dog is negative for the furnishings mutation.
Hair Length (1-5)	l¹/l¹	Two copies of the long-hair allele, dog will have longer than average hair per the breed standard.
Shedding	SD/SD	Dog has two copies of the shedding allele. The dog will have a higher propensity towards shedding.

Animal Disease Diagnostic Laboratory
Purdue University, 406 S. University Street, West Lafayette, IN 47907-2065
Phone: (765)494-7440 Fax (765)494-9181 Email: addl@purdue.edu
Web: http://www.addl.purdue.edu

ADDL Case #: A24-12934

Other ID:

Date Received: 1/19/2024

Submitter

PURDUE CANINE GENETICS
LAB
625 HARRISON STREET
WEST LAFAYETTE, IN 47907

Premises

DOG INFO
FLYING M'S MODERN DAY
WARRIOR 04/20/2023
DN76312101 - AKC
956000015123517

Owner

FLYING M MINIATURE
AMERICANS

Vet Phone:

Species: Canine

Sex: Male

Vet Fax:

Breed: Miniature American Shepherd

Age: 8 Months

Premise ID: DOG INFO

Tests Requested in: CanineG

Test	Ordered	Status	Completed
Neuroaxonal Dystrophy	1/22/2024	Complete	1/22/2024
Non-HSF4 Hereditary	1/22/2024	Complete	1/22/2024
Cataracts			

Owner Report

1/22/2024 9:57:29 AM

Canine Genetics by Dr. Rebecca Wilkes, Section Head

The following tests were performed using PCR.

Animal ID	Specimen	Organism	Result
SAWYER	Cheek Swab	Neuroaxonal Dystrophy	Clear (N/N)
		Non-HSF4 Hereditary	Clear (N/N)
		Cataracts	