AKC CH SKYFIRE'S MONSTER

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NONIO LRC NATIONA 2023 BEST OF BREED

Bred & owned by Stephanie Harris and Jessica Harris Lind

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AMERICAN KENNEL CLUB , FOUNDED 1884 Certified Pedigree

FOR LIVEWIRE RN

AKC DNA #V698990

GCHS CH NIPNTUCK STOCKING STUFFER SR48977001 (03-09) OFA24E OFEL24 BLK AKC DNA #V557170

SOMERSUN CLASSIE CHASSIE

SR36627901 (09-08) OFA35G OFEL35 BLK

GCHB CH SHALIMAR'S THE ANIMATOR SR74630802 (03-14) OFA24E OFEL24 BLK AKC

DNA #V705818

GCH CH HYSPIRE SHAHLI HOTTER THAN BLAZES SR30330101 (10-07) OFA26E OFEL26 BLK AKC DNA #V472679

CH BLACKWATERS NIPNTUCK CHEERLEADER SN86579102 (12-05) OFA26G OFEL26 BLK AKC DNA #V356283

SKYFIRE'S DANGEROUS COMPANY SR11106401 (02-05) OFA25G OFEL25 BLK AKC DNA #V362548

SHAMROCK ACRES LET IT SNOW II SN79394507 (11-03) OFA24G OFEL24 YLW

CH NIPNTUCK HYSPIRE UNFORGETTABLE SR30563004 (09-07) OFA26E OFEL26 BLK AKC DNA #V472682

SHALIMAR HYSPIRE BIDING MY TIME SR60000801 (01-13) OFA31G OFEL31 BLK

TRINITY'S TITUS SR02681901 (01-04) YLW AKC DNA #V332124

SKYFIRE'S KODIAK BOMBSHELL SR15242101 (06-06) OFA24G OFEL24 BLK

SKYFIRE'S MONSTER

SS12305301 LABRADOR RETRIEVER MALE YLW Microchip: 933000320085359 Date Whelped: 04/16/2019 Breeder: STEPHANIE HARRIS/JESSICA L HARRIS

Sire

SKYFIRE'S TROPHY WIFE Dam SR90164401 (09-19) YLW

AMERICAN KENNEL CLUB®

Executive Secretary

CH SOMERSUN SKYFIRE SIX SHOOTER

SR63262807 (05-12) OFA25G OFEL25 YLW

SR61280101 (07-14) OFA35G OFEL35 YLW

SKYFIRE'S GENTLEMEN PREFER BLONDES

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on September 28, 2019.



This electronic OFA certificate was generated on: 04/30/2021

This certification can be verified on the OFA website by entering the dog's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email CORRECTIONS@OFFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc. 2300 E. Nifong Blvd. Columbia, MO 65201-3806

OFA website: www.ofa.org E-mail address: ofa@offa.org Phone number: 573-442-0418 Fax number: 573-875-5073

Ż	ORTHOP	DIC FOUNDATION FOR ANIMA	ALS, INC.
	SKYFIRE'S MONSTER	SS1230530 registration no.	01
	LABRADOR RETRIEVER	M sex	
	film/test/lab #	04/16/2019 date of birth	, OFA
	983000320085359 tattoo/microchip/DNA profile	24 age at evaluation	on in months A Not-For-Profit Organization
	2136485 application number	LR-EL1028	347M24-VPI
	04/30/2021 date of report	O.F.A. NUMBEI This number iss	R sued with the right to correct or Orthopedic Foundation for Animals.
		, the consensus was that no evidence of	
	recognized.	NORMAL	
		NORMAL	1
	STEPHANIE HARRIS PO BOX 812		HA Kellensin
	ELLENSBURG WA 98926		G.G.KELLER. D.V.M., M.S., DACVR CHIEF OF VETERINARY SERVICES
		Verify certificate with QR scan	
$\langle \cdot \rangle$		www.ofa.org	

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ORTHOPEDIC FOUNDATION FO	DR ANIMALS, INC.
SKYFIRE'S MONSTER registered name	SS12305301 registration no.
LABRADOR RETRIEVER	M sex
C204280915 film/test/lab #	04/16/2019 date of birth
983000320085359 tattoo/microchip/DNA profile	14 age at evaluation in months A Not-For-Profit Organization
2136485 application number	LR-ACA2259/14M-VPI O.F.A. NUMBER
10/09/2020 date of report	This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.
RESULTS: NORMAL: NO EVIDENCE OF CONGENITAL OR ADULT ONSET INHERITED (NOTE: THE CONGENITAL CLEARANCE IS CONSIDERED PERMANENT; A FROM TEST DATE 06/28/2020.) EXAMINER: CW05-J. A. WOODFIELD, DVM, DACVIM	
DFA eCert	G.G.KELLER. D.V.M., M.S., DACVR CHIEF OF VETERINARY SERVICES
www.ofa.org	

This electronic OFA certificate was generated on: 10/09/2020

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This electronic OFA certificate was generated on: 10/24/2023

This certification can be verified on the OFA website by entering the dog's registration number into the orange search box located at the top of the page or by scanning the QR code above.

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Canine Genetic Health Certificate™

Call Name: Registered Name: Breed: Sex: DOB: MoMo Skyfire's Monster Labrador Retriever Male April 2019
 Laboratory #:
 156941

 Registration #:
 SS12305301

 Microchip #:
 983000320085359

 Certificate Date:
 Dec. 9, 2023

This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	PTPLA	WT/WT	Normal (Clear)
Degenerative Myelopathy (Common Variant)	SOD1	WT/WT	Normal (Clear)
Exercise-Induced Collapse	DNM1	WT/WT	Normal (Clear)
Hereditary Nasal Parakeratosis (Labrador Retriever Type)	SUV39H2	WT/WT	Normal (Clear)
Macular Corneal Dystrophy (Labrador Retriever Type)	CHST6	WT/M	Carrier
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (Clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	COL9A3	WT/WT	Normal (Clear)
Skeletal Dysplasia 2	COL11A2	WT/WT	Normal (Clear)
Stargardt Disease	ABCA4	WT/WT	Normal (Clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Paw Print Genetics® performed the testing on the dog listed on this certificate. See the Laboratory Report for interpretation and recommendations based on these findings. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results. Genetic counseling is available at Paw Print Genetics.



4131 N. 48th St. Lincoln, NE 68504 www.pawprintgenetics.com (509) 483-5950

Laboratory Report

Laboratory #:	156941	Call Name:	МоМо
Order #:	193309	Registered Name:	Skyfire's Monster
Ordered By:	Stephanie Harris	Breed:	Labrador Retriever
Ordered:	Oct. 19, 2023	Sex:	Male
Received:	Nov. 22, 2023	DOB:	April 2019
Reported:	Dec. 9, 2023	Registration #:	SS12305301
		Microchip #:	983000320085359

Results:

Disease	Gene	Genotype	Interpretation
Stargardt Disease	ABCA4	WT/WT	Normal (Clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Interpretation:

Molecular genetic analysis was performed for a specific mutation reported to be associated with Stargardt Disease in dogs. We identified two normal copies of the DNA sequences in the *ABCA4* gene tested. Thus, this dog is not at an increased risk for Stargardt Disease.

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the disease caused by or associated with the mutation tested. Because this dog is "clear" of this mutation, this dog will only pass the normal gene on to its offspring. Normal results do not exclude inherited mutations not tested in this gene or other genes that may cause medical problems or may be passed on to offspring. Paw Print Genetics[®] has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

Paw Print Genetics® performed the tests listed on this dog. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think any results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results.



220 E. Rowan, Suite 220 Spokane, Washington 99207 www.pawprintgenetics.com (509) 483-5950

Laboratory Report

Laboratory #:	156941	Call Name:	MoMo Slatizala Manatar
Order #:	85956	Registered Name:	Skyfire's Monster
Ordered By:	Stephanie Harris	Breed:	Labrador Retriever
Ordered:	Aug. 18, 2020	Sex:	Male
Received:	Aug. 18, 2020	DOB:	April 2019
Reported:	Aug. 31, 2020	Registration #:	SS12305301
		Microchip #:	983000320085359

Results:

Disease	Gene	Genotype	Interpretation
Macular Corneal Dystrophy (Labrador Retriever Type)	CHST6	WT/M	Carrier

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Interpretation:

Molecular genetic analysis was performed for a specific mutation reported to be associated with Macular Corneal Dystrophy (Labrador Retriever Type) in dogs. We identified one normal copy and one mutant copy of the DNA sequences for *CHST6*. Thus, this dog is a carrier of Macular Corneal Dystrophy (Labrador Retriever Type).

Recommendations:

Macular Corneal Dystrophy (Labrador Retriever Type) is inherited in an autosomal recessive fashion. Based on this, and the fact that this dog showed a mutation in one copy of the *CHST6* gene, this dog is a carrier of this disease. Although dogs that carry only one copy of this mutation will not be clinically affected, if bred with another carrier, the pairing could produce affected offspring. To avoid producing affected offspring, this dog should be bred with dogs that are normal (WT/WT) for this gene. Dogs related to this dog have an increased risk to be affected by or carry the mutated gene. Additional testing for this mutation is indicated for related dogs.

Paw Print Genetics[®] has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

kM

Christina J Ramirez, PhD, DVM, DACVP Medical Director

Casey R Carl, DVM Associate Medical Director

Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. These tests were developed and their performance determined by Paw Print Genetics[®]. This laboratory has established and verified the tests' accuracy and precision. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think these results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results.



Coat Color and Trait Certificate

Call Name:	МоМо	Laboratory #:	156941
Registered Name:	Skyfire's Monster	Registration #:	SS12305301
Breed:	Labrador Retriever	Microchip #:	983000320085359
Sex:	Male	Certificate Date:	April 22, 2020
DOB:	April 2019		

This canine's DNA showed the following genotype(s):

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	TYRP1	B/b	Black coat, nose and foot pads (carries brown)
Cu Locus (Curly Hair)	KRT71	Cu/Cu	Straight coat
D Locus (Dilute)	MLPH	D/D	Non dilute
L Locus (Long Hair/Fluffy)	FGF5	Sh/Sh	Shorthaired

Interpretation:

This dog carries one copy of **B** and at least one copy of **b** at the b^c, b^d or b^s locus making the overall B locus genotype of this dog **B/b**. The overall B locus genotype for a dog is determined by the combination of the genotypes at the b^c, b^d, and b^s loci. The b^c, b^d, and b^s variants confer brown coat, nose, and foot pads when at least one of these DNA changes is present on both genes of the dog at the B locus. If the dog has one or no copies of **b** then the dog will have a black coat, nose, and foot pads. However, this dog's coat color is also dependent on the E, K, and A genes. This dog will pass on **B** to 50% of its offspring and **b** to 50% of its offspring.

This dog carries two copies of **Cu** which results in a straight coat. However, the overall coat type of this dog is dependent on the combination of this dog's genotypes at the L, Cu, and IC loci. This dog will pass **Cu** on to 100% of its offspring.

This dog carries two copies of **D** which does not result in the "dilution" or lightening of the black and yellow/red pigments that produce the dog's coat color. The base coat color of this dog will be primarily determined by the E, K, A, and B genes. This dog will pass on **D** to 100% of its offspring.

This dog carries two copies of **Sh** which results in short hair. However, the overall coat type of this dog is dependent on the combination of this dog's genotypes at the L, Cu, and IC loci. This dog will pass **Sh** on to 100% of its offspring.

Paw Print Genetics[®] has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.



NO MICROCHIP/TATTOO PRESENT

I certify that I have performed this ophthalmic examination using pharmacological mydriasis, ophthalmoscopy, and biomicroscopy.

DR NATHAN KICE 360 10/23/2021





Companion Animal Eye Registry (CAER)



LEFT EYE

geographic

□ folds

detached

X





