ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S SHINE LIKE A STAR
registered name

SS32139903
registration no.

LABRADOR RETRIEVER
breed

F
sex

film/test/lab #

12/02/2021
date of birth

992001001221804
tattoo/microchip/DNA profile

24
age at evaluation in months

2507451
application number

A Not-For-Profit Organization

LR-274216E24F-P-VPI
O.F.A. NUMBER

This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

03/29/2024
date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

EXCELLENT

owner

OFA eCert

Verify QR scan

G.G.KELLER. D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 03/29/2024

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

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S SHINE LIKE A STAR
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

992001001221804
tattoo/microchip/DNA profile

2507451
application number

03/29/2024
date of report

SS32139903
registration no.

F
sex

12/02/2021
date of birth

24
age at evaluation in months

A Not-For-Profit Organization

LR-EL121266F24-P-VPI
O.F.A. NUMBER

This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

NORMAL

owner

OFA eCert

Verify QR scan

G.G.KELLER. D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLACKFORK'S SHINE LIKE A STAR
registered name

LABRADOR RETRIEVER
breed

891611
film/test/lab #

992001001221794
tattoo/microchip/DNA profile

2507451
application number

12/08/2023
date of report

SS321399903
registration no.

F
sex

12/02/2021
date of birth

24
age at evaluation in months

A Not-For-Profit Organization

LR-EYE29535/24F-VPI
O.F.A. NUMBER

This number issued with the right to correct or revoke by the Orthopedic Foundation for Animals.

RESULTS:

Based upon the exam dated 12/05/2023, this dog has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

NORMAL

owner

OFA eCert

Verify QR scan

G.G.KELLER. D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 12/08/2023

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Phone number: 573-442-0418
Fax number: 573-875-5073

Orivet

Genetic Summary Report

Scan to authenticate this Report online

Owner's details

Name:	Audry Steelman

Animal's Details

Registered Name :	Blackfork's Shine Like A Star
Pet Name :	Lyra
Registration Number :	SS32139903
Breed :	Labrador Retriever
Microchip Number :	992001001221804
Sex :	Female
Date of Birth :	2nd Dec 2021
Colour :	Yellow

Sample Collection Details

Case Number :	23A104622
Collected By :	
Approved Collection :	No
Sample Type :	SWAB

Test Details

Test Requested :	Labrador Retriever – Full Breed Profile
Pet Name :	Lyra
Date of Test :	18th Jan 2024

Authorisation

Sample with Lab ID Number 23A104622 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

.....

George Sofronidis BSc (Hons)

.....

Dr Noam Pik BVSc, MAVS

Orivet

Genetic Summary Report

Scan to authenticate this Report online

Animal's Details

Registered Name :	Blackfork's Shine Like A Star
Pet Name :	Lyra
Registration Number :	SS32139903
Breed :	Labrador Retriever
Microchip Number :	992001001221804
Sex :	Female
Date of Birth :	2nd Dec 2021
Colour :	Yellow

Tests Reported

Diseases	Result
Achromatopsia (Labrador Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Centronuclear Myopathy (Labrador Retriever Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Congenital Macrothrombocytopenia	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Congenital Myasthenic Syndrome (Labrador Retriever Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Copper Toxicosis (ATP7B & ATP7A) (Labrador Retriever Type)	NEGATIVE FOR BOTH THE ATP7B AND ATP7A VARIANT
Cystinuria (SLC3A1) Labrador Retriever Type	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Orivet

Genetic Summary Report

Scan to authenticate this Report online

Tests Reported

Diseases	Result
Degenerative Myelopathy	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Ehlers-Danlos Syndrome (Labrador Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Elliptocytosis B-spectrin (Labrador Retriever/Poodle Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Exercise Induced Collapse (Retriever Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Hereditary Nasal Parakeratosis/Dry Nose (Labrador Retriever Type)	CARRIER [ONE COPY OF THE VARIANT DETECTED]
Hyperuricosuria	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Macular Corneal Dystrophy (Labrador Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Malignant Hyperthermia	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Myotubular Myopathy X-Linked (Labrador Retriever Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Narcolepsy (Labrador)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Progressive Rod Cone Degeneration (prcd) – PRA	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Owner's Name : Audry Steelman **Pet Name :** Lyra

Microchip Number 992001001221804 **Approved Collection Method :** No

Orivet

Genetic Summary Report

Scan to authenticate this Report online

Tests Reported

Diseases	Result
Pyruvate Kinase Deficiency (Labrador Type)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Skeletal Dysplasia 2 (Mild Disproportionate Dwarfism)	NEGATIVE / CLEAR [NO VARIANT DETECTED]
Stargardt Disease (Retinal Degeneration)	NEGATIVE / CLEAR [NO VARIANT DETECTED]

Traits	Result
E Locus – (Cream/Red/Yellow)	e/e – HOMOZYGOUS FOR NON-EXTENSION [WHITE/YELLOW/APRICOT/WHEATEN]
I Locus Colour Intensity	I/I – NO COPY OF MFSD12 INTENSITY ALLELE (NOT LIKELY TO SHOW EXTREME DILUTION)
Brown Deletion = Bd	B^d/B^d – DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [DELETION]
Brown Stop Codon = Bs	B^s/B^s – DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [STOP CODON]
Brown Insertion = Bc	B^c/B^c – DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [INSERTION]
Brown TYRP1 [Lancashire Heeler Type] = Bl	B^L/B^L – DOES NOT CARRY BROWN/LIVER [TYRP1]
D (Dilute) Locus	D/D – NO COPY OF MLPH-D ALLELE (DILUTE) – PIGMENT IS NORMAL
Dilute D2 Variant (Chow Chow Type)	D^2/D^2 – NO COPY OF d2 ALLELE (DILUTE) – PIGMENT IS NORMAL

Owner's Name : Audry Steelman

Pet Name : Lyra

Microchip Number 992001001221804

Approved Collection Method : No

Glossary of Genetic Terms (Results)

I accept terms of service and privacy policy!

PARENTAGE VERIFICATION/ QUALIFIES/CONFIRMED OR DOES NOT QUALIFY/EXCLUDED

Parentage is determined by examining the markers on the DNA profile. A result is generated and stated for all DNA parentage requests.Parentage confirmation reports can only be generated if a DNA profile has been carried out for Dam, Offspring and possible Sire/s.

PENDING

PENDING

TRAIT (PHENOTYPE)

A feature that an animal is born with (a genetically determined characteristic).Traits are a visual phenotype that range from colour to hair length, and also includes certain features such as tail length. If an individual is AFFECTED for a trait then it will show that characteristic eg.AFFECTED for the B (Brown) Locus or bb will be brown/chocolate.

POSITIVE – SHOWING THE PHENOTYPE

The animal is showing the trait or phenotype tested.

CLARIFICATION OF GENETIC TESTING

The goal of genetic testing is to provide breeders with relevant information to improve breeding practices in the interest of animal health.However, genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

The goal of genetic testing is to provide breeders with relevant information to improve breeding practices in the interest of animal health.However, genetic inheritance is not a simple process, and may be complicated by several factors. Below is some information to help clarify these factors.

1) Some diseases may demonstrate signs of what Geneticists call "genetic heterogeneity". This is a term to describe an apparently single condition that may be caused by more than one mutation and/or gene

2) It is possible that there exists more than one disease that presents in a similar fashion and segregates in a single breed. These conditions -although phenotypically similar - may be caused by separate mutations and/or genes.

3) It is possible that the disease affecting your breed may be what Geneticists call an "oligogenic disease". This is a term to describe the existence of additional genes that may modify the action of a dominant gene associated with a disease. These modifier genes may for example give rise to a variable age of onset for a particular condition, or affect the penetrance of a particular mutation such that some animals may never develop the condition.

The range of hereditary diseases continues to increase and we see some that are relatively benign and others that can cause severe and/or fatal disease. Diagnosis of any disease should be based on pedigree history, clinical signs, history (incidence) of the disease and the specific genetic test for the disease. Penetrance of a disease will always vary not only from breed to breed but within a breed, and will vary with different diseases. Factors that influence penetrance are genetics, nutrition and environment. Although genetic testing should be a priority for breeders, we strongly recommend that temperament and phenotype also be considered when breeding.

Orivet Genetic Pet Care aims to frequently update breeders with the latest research from the scientific literature. If breeders have any questions regarding a particular condition, please contact us on (03) 9534 1544 or admin@orivet.com and we will be happy to work with you to answer any relevant questions.