

Canine Genetic Health Certificate™

Call Name: Fern
Registered Name: Discovery Tails Java Fern
Breed: Australian Labradoodle
Sex: Female
DOB: July 2021

Laboratory #: 256262
Registration #: WALA0068149
Microchip #: 933000320533803
Certificate Date: Sept. 8, 2021

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

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Exercise-Induced Collapse	<i>DNM1</i>	WT/WT	Normal (clear)
Hereditary Nasal Parakeratosis	<i>SUV39H2</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4	<i>RPGRIP1</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	<i>PRCD</i>	WT/WT	Normal (clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	<i>COL9A3</i>	WT/WT	Normal (clear)
Von Willebrand Disease I	<i>VWF</i>	WT/WT	Normal (clear)

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



Blake C Ballif, PhD
Laboratory & Scientific Director



Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics® performed the tests listed on this dog. 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. 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. Genetic counseling is available at Paw Print Genetics.

Coat Color and Trait Certificate

Call Name:	Fern	Laboratory #:	256262
Registered Name:	Discovery Tails Java Fern	Registration #:	WALA0068149
Breed:	Australian Labradoodle	Microchip #:	933000320533803
Sex:	Female	Certificate Date:	Sept. 8, 2021
DOB:	July 2021		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
A Locus (Agouti)	<i>ASIP</i>	a^t/a	Tricolor, black and tan (carries bicolor/solid)
B Locus (Brown)	<i>TYRP1</i>	B/b or b/b	Black or brown coat, nose and foot pads (carries at least one copy of brown)
E Locus (Apricot/Yellow/Red) - e (Common Variant Found in Many Breeds)	<i>MC1R</i>	E/E	Black
IC Locus (Improper Coat/Furnishings)	<i>RSPO2</i>	F/F	Furnishings
K Locus (Dominant Black)	<i>CBD103</i>	K^B/K^B	No agouti expression allowed
S Locus (White Spotting, Parti, or Piebald)	<i>MITF</i>	S/S^P	Limited white spotting, flash, parti, or piebald (carrier)

Interpretation:

This dog carries one copy of a^t and one copy of a which results in tan points and can also present as a black and tan or tricolor coat color. However, this dog's coat color is also dependent on the E, K, and B genes. The tan point coat color is only expressed if the dog is also E/E or E/e at the E locus and k^Y/k^Y at the K locus. This dog will pass on a^t to 50% of its offspring and a to 50% of its offspring.

This dog carries one or more copies of the four possible b mutations and has a B locus genotype of **B/b** or **b/b** that cannot be distinguished without additional testing of parental samples or by examining the coat, nose and footpad color of the dog. Dogs inherit two copies of the B locus, one from each parent. Because there are four different B locus mutations that can potentially be identified, as well as some limitations inherent to genetic testing methodologies currently available, a result of "B/b or b/b" means that it cannot be determined if the b mutations identified in this dog are present on the same copy of the B locus inherited from one parent or if they occur on separate copies of the B locus inherited from each of the parents. If the mutations identified are all present on the same copy of the B locus, this dog will have a **B/b** genotype and typically will have a black coat, nose and footpads. If the mutations identified are present on different copies of the B locus, this dog will have a **b/b** genotype and may have a brown coat, and will typically have a brown nose and footpads. Depending on the breed, b/b dogs may be referred to as brown, chocolate, liver or red. However, this dog's coat color is dependent on the genotypes of many other genes. The B locus genotype for this dog can be inferred without the need for parental testing by evaluating the color of this dog's nose. If this dog's nose is brown, the B locus genotype of this dog must be **b/b** and this dog will pass one copy of **b** to 100% of its offspring. If this dog's nose is black, the final B locus genotype of this dog must be **B/b** and this dog will pass one copy of **B** to 50% of its offspring and one copy of **b** to 50% of its offspring. In either case, this dog carries at least one copy of **b** and can produce b/b offspring if bred to a dog that is also a carrier of a b mutation (B/b or b/b).

This dog carries two copies of **E** which allows for the production of black pigment. However, this dog's coat color is also dependent on the K, A, and B genes. This dog will pass on **E** to 100% of its offspring.

This dog does not carry the mutation for weak furnishings or improper coat and will therefore have furnishings (proper 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 **F** (furnishings, proper coat) to 100% of its offspring.

The K locus genotype for this dog is **K^B/K^B** which prevents expression of the agouti gene (A locus) and allows for solid eumelanin (black pigment) production in pigmented areas of the dog. However, this dog's coat color is also dependent on its genotypes at the E and B loci. This dog will pass on **K^B** to 100% of its offspring.

This dog carries one copy of **S** and one copy of **s^P** which results in limited white spotting, flash, parti, or piebald coat color due to the co-dominance of **S** and **s^P**. This dog will pass on one copy of **S** to 50% of its offspring and one copy of **s^P** to 50% 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.



Blake C Ballif, PhD
Laboratory & Scientific Director



Christina J Ramirez, PhD, DVM, DACVP
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.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

DISCOVERY TAILS JAVA FERN
registered name

AUSTRALIAN LABRADOODLE
breed

23D6E8
film/test/lab #

933000320533803
tattoo/microchip/DNA profile

2372291
application number

12/21/2023
date of report

RESULTS:

Based upon the exam dated 12/18/2023, 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.

WALA00068149
registration no.

F
sex

07/02/2021
date of birth

29
age at evaluation in months



A Not-For-Profit Organization



LD-EYE5228/29F-VPI
O.F.A. NUMBER

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

NORMAL

owner
VICKI MCCORMACK
DISCOVERY TAILS LABRADOODLES LLC
81 EASTGATE PL
SEQUIM WA 98382

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: 12/21/2023

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.

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
Hip Dysplasia Evaluation Report



A Not-for-Profit
Organization

DISCOVERY TAILS JAVA FERN
registered name

WALA00068149
registration no.

AUSTRALIAN LABRADOODLE
breed

F
sex

film/test/lab #

07/02/2021
date of birth

933000320533803
tattoo/microchip/DNA profile

11
age at evaluation in months

2372291
application number

06/28/2022
date of report

Owner

VICKI MCCORMACK
81 EASTGATE PL
SEQUIM WA 98382

Veterinarian

HURRICANE RIDGE VETERINARY HOSPITAL
660 N 7TH AVE
SEQUIM WA 98382

Preliminary Hip Dysplasia Evaluation Report

EXCELLENT HIP JOINT CONFORMATION

superior hip joint conformation as compared with other individuals of the same breed and age

BORDERLINE HIP JOINT CONFORMATION

marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

✓ **GOOD HIP JOINT CONFORMATION**

well formed hip joint conformation as compared with other individuals of the same breed and age

MILD HIP DYSPLASIA

radiographic evidence of minor dysplastic changes of the hip joints

FAIR HIP JOINT CONFORMATION

minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

MODERATE HIP DYSPLASIA

well defined radiographic evidence of dysplastic changes of the hip joints

SEVERE HIP DYSPLASIA

radiographic evidence of marked dysplastic changes of the hip joints

RADIOGRAPHIC FINDINGS

- subluxation
 remodeling of femoral head/neck
 osteoarthritis/degenerative joint disease
 shallow acetabula
 acetabular rim/edge change

- unilateral pathology left right
 transitional vertebra
 spondylosis
 panosteitis

G.G. Keller, DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

Orthopedic Foundation for Animals
Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

DISCOVERY TAILS JAVA FERN
registered name

WALA00068149
registration no.

AUSTRALIAN LABRADOODLE
breed

F
sex

film/test/lab #

07/02/2021
date of birth

933000320533803
tattoo/microchip/DNA profile

11
age at evaluation in months

2372291
application number

06/28/2022
date of report

Owner

VICKI MCCORMACK
81 EASTGATE PL
SEQUIM WA 98382

Veterinarian

HURRICANE RIDGE VETERINARY HOSPITAL
660 N 7TH AVE
SEQUIM WA 98382

Preliminary Elbow Dysplasia Evaluation Report

ELBOW JOINTS -- FLEXED LATERAL VIEW

 ✓ negative for elbow dysplasia L ✓ R ✓

ELBOW DYSPLASIA

GRADE I L _____ R _____
GRADE II L _____ R _____
GRADE III L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD) L _____ R _____
united anconeal process (UAP) L _____ R _____
fragmented coronoid process (FCP) L _____ R _____
osteochondrosis L _____ R _____

G.G. Keller, DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

Office Use Only
 APPL _____
 RAD _____
 CK _____
 226BNA



Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201
 Phone (573) 442-0418 | Fax (573) 875-5073
 Email ofa@ofa.org | www.ofa.org
 A Not-for-Profit Organization

Office
Use
Only

Application for Patellar Luxation Database

Registered name: DISCOVERY TAILS JAVA FERN "FERN"			AKC registration number:		Other registry name: WALA	
Breed: AUSTRALIAN LABRADOODLE			Sex: F	Date of birth (MM/DD/YY): 07/02/2021		
Microchip/tattoo: 933000320533803			Registration number of sire: WALA00023239		Registration number of dam: WALA00009342	
Owner name: VICKI MCCORMACK			Date of evaluation (MM/DD/YY): 06/22/2022			
Co-owner name:			Examining veterinary clinic: HURRICANE RIDGE VETERINARY HOSPITAL			
Mailing address: 81 EASTGATE PL			Mailing address: 660 N 7TH AVE			
City: SEQUIM	State: WA	Zip/postal code: 98382	City: SEQUIM	State: WA	Zip/postal code: 98382	
Phone: (360) 808-9800	E-mail: DISCOVERYTAILS@GMAIL.COM		Phone: (360) 681-0117	E-mail: TECHNICIAN@HURRICANERIDGEVET.COM		

I hereby certify that the information submitted is of the animal described on this application. I understand that by submitting these results to the OFA, if the animal was 12 months or older at the time of the exam, the results will be released to the public. Exams on animals under 12 months of age are considered preliminary, are not eligible for OFA certification numbers, and the results will be not be released to the public.

Signature of owner or authorized representative *Vicki McCormack*

Patellar Examination Results

1. Normal

right left

2. Patellar Luxation

bilateral
 unilateral: right left
 luxated: medial lateral
 luxation is: intermittent permanent
 age of onset: < 2 months 2-6 months
 6-12 months > 12 months

3. Classification of luxation

Grade 1—The patella easily luxates manually at full extension of the stifle joint, but returns to the trochlea when released.
 Grade 2—There is frequent patellar luxation which, in some cases, becomes more or less permanent.
 Grade 3—The patella is permanently luxated with torsion of the tibia and deviation of the tibial crest of between 30 degrees and 50 degrees from the cranial/caudal plane.
 Grade 4—The tibia is medially twisted and the tibial crest may show further deviation medially with the result that it lies 50 degrees to 90 degrees from the cranial/caudal plane.

I certify that the examination was performed according to the OFA procedure.
 I DID verify microchip/tattoo on this dog I DID NOT verify microchip/tattoo on this dog

Veterinarian Signature: *[Signature]* Specialty: Practitioner Specialist Date: 06/22/2022

Fees Animals over 12 months \$15.00 each
 A litter of 3 or more submitted together \$30.00 total
Kennel rate: Individuals submitted as a group, owned/co-owned by the same person
 Minimum of 5 individuals \$10.00 each

Exams on animals under 12 months of age are considered preliminary evaluations and are not eligible for OFA numbers

Payments can be made by Visa, Mastercard, check or money order (U.S. funds drawn on a U.S. bank) payable to the Orthopedic Foundation for Animals.

DO NOT SEND THE FORM TO OFA - JUST GIVE VICKI A COPY OF THE FORM SIGNED BY DR JENSEN

Card number

Exp MM/YY

CVV



CASE: 226BNA

Office Use Only
 APPL _____
 RAD _____
 CK _____



Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201
 Phone (573) 442-0418; Fax (573) 875-5073
 email: ofa@offa.org | website: www.ofa.org
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 v010122

Application for Basic Cardiac Database

Registered name: DISCOVERY TAILS JAVA FERN "FERN"			AKC registration number:		Other registry name: WALA	
Breed: AUSTRALIAN LABRADOODLE			Sex: F		Date of birth (MM/DD/YY): 07/02/2021	
Microchip/tattoo: 933000320533803			Registration number of sire: WALA00023239		Registration number of dam: WALA00009342	
Owner name: VICKI MCCORMACK		Co-Owner name:		Examining veterinary clinic: HURRICANE RIDGE VETERINARY HOSPITAL		Date of evaluation (MM/DD/YY): 06/22/2022
Mailing address: 81 EASTGATE PL				Mailing address: 660 N 7TH AVE		
City: SEQUIM		State: WA	Zip/postal code: 98382	City: SEQUIM		State: WA
Phone: (360) 808-9800		E-mail: DISCOVERYTAILS@GMAIL.COM		Phone: (360) 681-0117		E-mail: TECHNICIAN@HURRICANERIDGEVET.COM

I hereby certify that the animal examined is the animal described on this application. I understand that by submitting these results to the OFA, if the animal was 12 months or older at the time of the exam, the results will be released to the public. Exams on animals under 12 months of age are considered preliminary, are not eligible for OFA certification numbers, and the results will not be released to the public.

Signature of owner or authorized representative *Vicki McCormack*

Veterinary Exam Results

Clinical findings based on cardiac auscultation is required. (see page 2)

AUSCULTATION (REQUIRED)					
Normal	<input checked="" type="checkbox"/>	Abnormal	<input type="checkbox"/>	Arrhythmia	<input type="checkbox"/>
Murmur Grade:	I <input type="checkbox"/>	II <input type="checkbox"/>	III <input type="checkbox"/>	IV <input type="checkbox"/>	V <input type="checkbox"/>
PMI:	Left <input type="checkbox"/>	Right <input type="checkbox"/>	Base <input type="checkbox"/>	Apex <input type="checkbox"/>	
Timing:	Systolic <input type="checkbox"/>	Diastolic <input type="checkbox"/>	Continuous	<input type="checkbox"/>	
Extra Sounds:	Click <input type="checkbox"/>	Gallop <input type="checkbox"/>	Split S1 <input type="checkbox"/>	Split S2 <input type="checkbox"/>	

Summary evaluation and opinion of the examiner:

- Normal cardiovascular examination—heart disease is not evident
- Equivocal cardiovascular examination—heart disease cannot be diagnosed nor excluded; status uncertain for breeding.
- Abnormal cardiovascular examination indicative of heart disease; indicate suspected diagnosis below:

I certify that the standards for cardiac examination as set forth by the OFA were carefully followed in performing this examination.
 I DID verify microchip/tattoo on this dog I DID NOT verify microchip/tattoo on this dog

Veterinarian Signature *Dr. Jensen* Check one box: Practitioner, Specialist, Cardiologist Date 06/22/2022

Fees Animals Over 12 Months \$15.00 **Kennel Rate**—Individuals submitted as a group, owned/co-owned by same person.
 Litter of 3 or more submitted together \$30.00 Minimum of 5 individuals \$10.00 each

Exams on animals under 12 months of age are considered preliminary evaluations and are not eligible for OFA numbers

Payments can be made by Visa, Mastercard, check or money order (U.S. funds drawn on a U.S. bank) payable to the Orthopedic Foundation for Animals.

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Card number _____ Cardholder name _____ Exp date MM/YY _____ CVV _____



CASE: 226BNA

Paw Print DNA Profiling™ Certificate

Call Name: Fern
Registered Name: Discovery Tails Java Fern
Breed: Australian Labradoodle
Sex: Female
DOB: July 2021

Laboratory #: 256262
Registration #: WALA0068149
Microchip #: 933000320533803
Certificate Date: Sept. 8, 2021



This certificate displays a graphical representation of your dog's unique DNA profile



Blake C Ballif, PhD
Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics® performed testing on the dog(s) listed on this certificate. Because this test is a DNA-based method, rare genomic variations may occur 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.