

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



SHAR-JAM ZAC POSEN  
*registered name*

SR96605101  
*registration no.*

LABRADOR RETRIEVER  
*breed*

M  
*sex*



A Not-For-Profit Organization

956000005207771 DNA:V847492  
*tattoo/microchip/DNA profile*

12/16/2016  
*date of birth*

25  
*age at evaluation in months*

1942220  
*application number*

LR-238549G25M-VPI  
*O.F.A. NUMBER*

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

2/18/2019  
*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:

GOOD

owner

SHARON & JAMES CELENTANO  
9 MOONLIGHT DR  
WALLKILL, NY 12589

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

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



SHAR-JAM ZAC POSEN  
*registered name*

SR96605101  
*registration no.*

LABRADOR RETRIEVER  
*breed*

M  
*sex*



A Not-For-Profit Organization

956000005207771 DNA:V847492  
*tattoo/microchip/DNA profile*

12/16/2016  
*date of birth*

25  
*age at evaluation in months*

1942220  
*application number*

LR-EL88155M25-VPI  
*O.F.A. NUMBER*

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

2/18/2019  
*date of report*

**RESULTS:**

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

NORMAL

owner

SHARON & JAMES CELENTANO  
9 MOONLIGHT DR  
WALLKILL, NY 12589

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

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



SHAR-JAM ZAC POSEN  
*registered name*

SR96605101  
*registration no.*

LABRADOR RETRIEVER  
*breed*

M  
*sex*

C033701  
*film/test/lab #*

12/16/2016  
*date of birth*

956000005207771  
*tattoo/microchip/DNA profile*

13  
*age at evaluation in months*



A Not-For-Profit Organization

1942220  
*application number*

LR-ACA700/13M-VPI  
*O.F.A. NUMBER*

2/15/2018  
*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 HEART DISEASE --  
AUSCULTATION & ECHO (NOTE: THE CONGENITAL CLEARANCE IS CONSIDERED PERMANENT;  
ADULT ONSET CLEARANCE VALID FOR 1 YEAR FROM TEST DATE 1/28/2018.)  
EXAMINER: CS23-CARL SAMMARCO, BVSC, DACVIM

owner

SHARON & JAMES CELENTANO  
9 MOONLIGHT DR  
WALLKILL, NY 12589

*G.G. Keller DVM*

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

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

SHAR-JAM ZAC POSEN, CH  
*registered name*

SR96605101  
*registration no.*

LABRADOR RETRIEVER  
*sex/breed*

M

728737  
*film/test/lab #*

12/16/2016  
*date of birth*

956000005207771  
*tattoo/microchip/DNA profile*

61  
*age at evaluation in months*



A Not-For-Profit Organization

1942220  
*application number*

LR-EYE13944/61M-VPI  
*O.F.A. NUMBER*

01/13/2023  
*date of report*

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

RESULTS:

Based upon the exam dated 01/30/2022, 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

SHARON CELENTANO  
JAMES CELENTANO  
9 MOONLIGHT DR  
WALLKILL NY 12589



*G.G. Keller DVM*

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

## Laboratory Report

**Laboratory #:** 45404  
**Order #:** 34970  
**Ordered By:** Sharon Celentano  
**Ordered:** Jan. 29, 2018  
**Received:** Jan. 29, 2018  
**Reported:** Feb. 7, 2018

**Call Name:** Zac  
**Registered Name:** Shar-Jam Zac Posen  
**Breed:** Labrador Retriever  
**Sex:** Male  
**DOB:** Dec. 2016  
**Registration #:** SR96605101  
**Microchip #:** 956000005207771

### Results:

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	PTPLA	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Exercise-Induced Collapse	DNM1	WT/WT	Normal (clear)
Hereditary Nasal Parakeratosis	SUV39H2	WT/WT	Normal (clear)
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)

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

### Interpretation:

Molecular genetic analysis was performed for seven specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in the mutations tested.

### Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the diseases caused by or associated with the mutations tested. Because this dog is "clear" of these mutations, this dog will only pass the normal genes on to its offspring. 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. 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.



**Helen F Smith, PhD**  
 Assistant Laboratory 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

<b>Call Name:</b>	Zac	<b>Laboratory #:</b>	45404
<b>Registered Name:</b>	Shar-Jam Zac Posen	<b>Registration #:</b>	SR96605101
<b>Breed:</b>	Labrador Retriever	<b>Microchip #:</b>	956000005207771
<b>Sex:</b>	Male	<b>Certificate Date:</b>	Feb. 14, 2020
<b>DOB:</b>	Dec. 2016		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	<i>TYRP1</i>	B/B	Black coat, nose and foot pads
D Locus (Dilute)	<i>MLPH</i>	D/D	Non dilute
L Locus (Long Hair/Fluffy)	<i>FGF5</i>	Sh/Sh	Shorthaired

**Interpretation:**

This dog carries two copies of **B** at all three of the  $b^c$ ,  $b^d$  and  $b^s$  loci 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 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.



**Helen F Smith, PhD**  
Assistant Laboratory 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.