

## Laboratory Report

<b>Laboratory #:</b>	247355	<b>Call Name:</b>	Miller's Lexie
<b>Order #:</b>	112428	<b>Registered Name:</b>	-
<b>Ordered By:</b>	Kevin Miller	<b>Breed:</b>	Bernese Mountain Dog
<b>Ordered:</b>	July 6, 2021	<b>Sex:</b>	Female
<b>Received:</b>	July 16, 2021	<b>DOB:</b>	Aug. 2020
<b>Reported:</b>	July 26, 2021	<b>Registration #:</b>	-

### Results:

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Degenerative Myelopathy (Bernese Mountain Dog Type)	<i>SOD1</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)

### Interpretation:

Molecular genetic analysis was performed for three specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in three mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these three mutations.

### 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.



**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.

## Canine Genetic Health Certificate™

<b>Call Name:</b>	Miller's Lexie	<b>Laboratory #:</b>	247355
<b>Registered Name:</b>	-	<b>Registration #:</b>	-
<b>Breed:</b>	Bernese Mountain Dog	<b>Certificate Date:</b>	July 26, 2021
<b>Sex:</b>	Female		
<b>DOB:</b>	Aug. 2020		

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

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</i>	WT/WT	Normal (clear)
Degenerative Myelopathy (Bernese Mountain Dog Type)	<i>SOD1</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.

# AMERICAN KENNEL CLUB

NAME

MILLERS LEXIE

NUMBER

QW00424203

BREED

BERNESE MOUNTAIN DOG

SEX

FEMALE

COLOR

BLACK RUST & WHITE

DATE OF BIRTH

AUGUST 28, 2020

SIRE

ROCKY XXVII

WS59224405 05-19 (OFA25E OFEL25 AKC DNA #V913208)

DAM

ROSE HAMMER

QW00355102 07-20 (AKC DNA #V919669)

BREEDER

REBECCA HAMMER

OWNER

KEITH MILLER

1649 STATE HIGHWAY 133

ARTHUR IL 61911-6014



AMERICAN  
KENNEL CLUB®

CERTIFICATE ISSUED

MAY 26, 2021

*This certificate invalidates all previous certificates issued.*

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

**For Transfer Instructions, see back of Certificate.**

*This Certificate issued with the right to correct or revoke by the American Kennel Club.*

## CONDITIONAL REGISTRATION CERTIFICATE

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

MILLERS LEXIE  
*registered name*

BERNESE MOUNTAIN DOG  
*breed*

*film/test/lab #*

*tattoo/microchip/DNA profile*

2463557  
*application number*

06/12/2023  
*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:

QW00424203  
*registration no.*

F  
*sex*

08/28/2020  
*date of birth*

32  
*age at evaluation in months*



A Not-For-Profit Organization

BMD-26595G32F-P-NOPI  
*O.F.A. NUMBER*

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



GOOD

*owner* STEVEN JESS  
324 E CR 300 N  
ARTHUR IL 61911

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: 06/12/2023

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](mailto: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](http://www.ofa.org)  
E-mail address: [ofa@offa.org](mailto:ofa@offa.org)  
Phone number: 573-442-0418  
Fax number: 573-875-5073

**ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.**

**MILLERS LEXIE**  
*registered name*

**BERNESE MOUNTAIN DOG**  
*breed*

**898695**  
*film/test/lab #*

*tattoo/microchip/DNA profile*

**2463557**  
*application number*

**08/23/2023**  
*date of report*

**RESULTS:**

Based upon the exam dated 05/19/2023, 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.

**owner**

**STEVEN JESS**  
324 E CR 300 N  
ARTHUR IL 61911

**QW00424203**  
*registration no.*

**F**  
*sex*

**08/28/2020**  
*date of birth*

**32**  
*age at evaluation in months*



A Not-For-Profit Organization



**BMD-EYE4183/32F-NOPI**  
*O.F.A. NUMBER*

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

**NORMAL**

OFA eCert



Verify QR scan

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

[www.ofa.org](http://www.ofa.org)

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Columbia, MO 65201-3806

OFA website: [www.ofa.org](http://www.ofa.org)  
E-mail address: [ofa@offa.org](mailto:ofa@offa.org)  
Phone number: 573-442-0418  
Fax number: 573-875-5073