

OFA CANINE HEALTH INFORMATION CENTER

M&R TAMMY
registered name

BERNESE MOUNTAIN DOG
breed

956000010243427 V10108580
tattoo/microchip/DNA profile

CHIC#: 221286

DEGENERATIVE MYELOPATHY
DEGENERATIVE MYELOPATHY B
VON WILLEBRANDS
EYES
HIPS
ELBOW
BASIC CARDIAC

WS69123603
registration no.

F 06/21/2020
sex date of birth

07/10/2026
date of report

REQUIRED TESTS

OFA	BMD-DM3733/17F-PI-CAR	11/24/2021
OFA	BMD-DMB598/17F-PI	11/24/2021
OFA	BMD-VW1763/17F-PI	11/24/2021
OFA	BMD-EYE4866/58F-VPI	05/09/2025
OFA	BMD-28658G64F-C-VPI	10/26/2025
OFA	DJD I	10/26/2025
OFA	BMD-BCA2639/70F/C-VPI	05/09/2026

OTHER TESTS

PATELLA	OFA	BMD-PA1516/60F/P-VPI	06/25/2025
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owner

ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

OFA eCert



with QR scan

G.G. Keller DVM

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

www.ofa.org

This electronic OFA certificate was generated on: 07/10/2026

This certification can be verified on the OFA website by entering the animal'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@OFA.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@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

M&R TAMMY
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

956000010243427
tattoo/microchip/DNA profile

2627216
application number

05/13/2026
date of report

RESULTS:

Normal cardiovascular examination via auscultation - No evidence of congenital or acquired heart disease was noted. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.

WS69123603
registration no.

F
sex

06/21/2020
date of birth

70
age at evaluation in months



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BMD-BCA2639/70F/C-VPI
O.F.A. NUMBER

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NORMAL/CLEAR - CARDIOLOGIST

owner
ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

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RESULTS:

The results of the examination submitted to OFA indicate that no evidence of patellar luxation was recognized.

WS69123603
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F
sex

06/21/2020
date of birth

60
age at evaluation in months



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BMD-PA1516/60F/P-VPI
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NORMAL - PRACTITIONER

owner
ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

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Orthopedic Foundation for Animals
Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

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date of report

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registration no.

F
sex

06/21/2020
date of birth

64
age at evaluation in months

Owner

ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

Veterinarian

HYLL VU VETERINARY SERVICES
P.O. BOX 184
BERLIN OH 44610

RADIOGRAPHIC EVALUATION OF PHENOTYPE WITH RESPECT TO ELBOW DYSPLASIA

ELBOW DYSPLASIA

Radiographic evidence of elbow dysplasia is present in both elbows. The consensus is Grade 1 Degenerative Joint Disease.

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 _____

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RESULTS:

No radiographic evidence of hip dysplasia is present. The consensus evaluation is: GOOD

owner ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

WS69123603
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64
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Laboratory Report

Laboratory #:	266147	Call Name:	Cleo Lee
Order #:	121117	Registered Name:	-
Ordered By:	Angela Miller	Breed:	Bernese Mountain Dog
Ordered:	Oct. 23, 2021	Sex:	Female
Received:	Nov. 16, 2021	DOB:	June 2020
Reported:	Nov. 24, 2021	Registration #:	-

Results:

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</i>	WT/M	Carrier
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 two of the mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these two mutations. However, we identified one normal copy and one mutant copy of the DNA sequences for *SOD1*. Thus, this dog is a carrier of Degenerative Myelopathy.

Recommendations:

Degenerative Myelopathy is inherited in an autosomal recessive fashion. Based on this, and the fact that this dog showed a mutation in one copy of the *SOD1* 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.



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.

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266147
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2627216
application number

05/28/2026
date of report

RESULTS:

DEGENERATIVE MYELOPATHY (DM): A/N, HETEROZYGOUS CARRIER, 1 COPY OF THE DM MUTATION

These results are based on the PAW PRINT GENETICS laboratory report and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

owner
ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

WS69123603
registration no.

F
sex

06/21/2020
date of birth

17
age at evaluation in months



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2627216
application number

05/28/2026
date of report

RESULTS:

Degenerative Myelopathy B (DMB): Clear/Normal for the SOD1B Mutation

These results are based on the PAW PRINT GENETICS laboratory report and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

owner
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2627216
application number

05/28/2026
date of report

RESULTS:

VON WILLEBRAND'S (VWD): N/N CLEAR

WS69123603
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F
sex

06/21/2020
date of birth

17
age at evaluation in months



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