

AMERICAN KENNEL CLUB

NAME

M&R TAMMY

NUMBER

WS69123603

BREED

BERNESE MOUNTAIN DOG

COLOR

BLACK RUST & WHITE

SIRE

HEMI OF HIGH COUNTRY

WS51270802 (06/17) AKC DNA #V858815

DAM

MISTY FLORAL BREEZE

WS57555704 (02/20) OFA31G

BREEDER

MRS. REBEKAH R ZIMMERMAN

OWNER

ANGELA R MILLER

SEX

FEMALE

DATE OF BIRTH

JUNE 21, 2020



**AMERICAN
KENNEL CLUB®**

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.

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

REGISTRATION CERTIFICATE

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

Sire
HEMI OF HIGH COUNTRY
WS51270802 (06-17) BLK RST & WH AKC
DNA #V858815

M&R TAMMY

WS69123603
BERNESE MOUNTAIN DOG FEMALE BLK RST & WH
Date Whelped: 06/21/2020
Breeder: MRS. REBEKAH R ZIMMERMAN

Dam
MISTY FLORAL BREEZE
WS57555704 (02-20) OFA31G BLK RST &
WH



**AMERICAN
KENNEL CLUB®**

**CH BLACK MOUNTAIN BERNER
HANSEL**
WS45239904 (01-15) OFA26G OFEL26
BLK RST & WH AKC DNA #V735733

HEMINGWAYH KATIE LOU
WS35508001 (05-12) BLK RST & WH

BREEZY RIDGE BLAKE
WS45433604 (06-15) OFA31G OFEL31
BLK RST & WH AKC DNA #V794812

MAYLEE
WS40049701 (01-17) BLK RST & WH

**GCHB CH SNOWBIZ'S BLACKMOUNTAIN
BERNER SCHULTZ**
WS39106804 (01-13) OFA25G OFEL25 BLK
RST & WH AKC DNA #V670308

BLACKMOUNTAIN BERNERS LEAH
WS37414305 (01-14) OFA57G OFEL57 BLK
RST & WH

HEMINGWAYH VAN 'T PACHTHOF
WS30593101 (03-10) BLK TN & WH (BEL)
AKC DNA #V586333

KATIE LOU VALENTINE
WS09425301 (04-06) OFA29G BLK RST & WH

SKYVIEWS TINY BEAR
WS39253903 (10-13) BLK TN & WH AKC DNA
#V718379

MINI MOUNTAIN MOLLY
WS39178002 (02-14) BLK RST & WH

NORTH COUNTRY SNOWMAN
WS27084710 (10-09) BLK RST & WH AKC
DNA #V621567

WILLOWBROOKS SWISS GIRL
WS31565505 (04-11) BLK RST & WH

HIGHLANDER VAN'T PACHTHOF
WS31386801 (02-10) BLK RST & WH (BEL) AKC
DNA #V592867%14

GENEVA VAN 'T STOKERYBOS
WS26164302 (11-09) BLK RST & WH (BEL) AKC
DNA #V548509

HIGH COUNTRY CLYDE
WS31118204 (03-11) BLK RST & WH AKC DNA
#V636649

ROJO'S CHASSERAL JAIKI'
WS24986207 (06-10) BLK RST & WH

BATCH SANTY BAZALTIN
CMKU 2552/01

BERNICE VAN 'T BEERTJES HOF
UCS 0903118

BRUTUS BOAZ ELOHIM
WR07691502 (11-04) OFA40G BLK RST & WH AKC
DNA #V361587

ELLANORHA MAY VALENTINE
WS04293105 (11-04) BLK TN & WH

WHISPERING PINES CLYDE
WS33796511 (08-11) BLK RST & WH AKC DNA
#V691253

WHISPER WINDS WHITNEY
WS30672702 (08-11) BLK RST & WH

PAINT CREEK GENERAL
WS31678405 (04-11) BLK TN & WH AKC DNA
#V645479

BETZ
WS34734703 (10-11) BLK TN & WH

CHRIS SPOD HRADZE
WS11791501 (06-05) BLK RST & WH (SFR) AKC
DNA #V498117

IZA CSEPOOV DVOR
WR07194704 (06-05) BLK RST & WH (SFR)

TROYERS BUSTER
WS02889801 (11-04) BLK RST & WH AKC DNA
#V452493

TUJALIGETI BETTINA
WS10647301 (03-05) BLK RST & WH (HUN)

Gina Di Nardo
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 4, 2022.



AKC DNA Profile

DNA Profile#: **V10108580**

Sex: **Female**

Date of Birth: **06/21/2020**

ID #: **956000010243427**

Date of Analysis: **06/22/2026**

AKC #: **WS69123603**

Breed: **Bernese Mountain Dog**

AKC Name: **M&R Tammy**

Owner(s): **Angela Miller**

AA	AG	AA	GG	GG	AA	GG	AA	AG	AA	GG	AA	GG	AA	AA	AA	AG	AC	AA	CG	GG	AG	AA	AA	GG
AKC001	AKC002	AKC003	AKC004	AKC005	AKC006	AKC007	AKC008	AKC009	AKC010	AKC011	AKC012	AKC013	AKC014	AKC015	AKC016	AKC017	AKC018	AKC019	AKC020	AKC021	AKC022	AKC023	AKC024	AKC025
AG	GG	AA	AG	AA	GG	AA	AG	AA	GG	AG	AG	AA	AG	AA	AA	AG	AG	AG	GG	AA	GG	AA	AA	GG
AKC026	AKC027	AKC028	AKC029	AKC030	AKC031	AKC032	AKC033	AKC034	AKC035	AKC036	AKC037	AKC038	AKC039	AKC040	AKC041	AKC042	AKC043	AKC044	AKC045	AKC046	AKC047	AKC048	AKC049	AKC050
GG	AA	AG	GG	GG	GG	AG	AA	GG		GG	GG	CC	AA	AG	AA	GG	AA	AA	AG	GG	GG	GG	AG	GG
AKC051	AKC052	AKC053	AKC054	AKC055	AKC056	AKC057	AKC058	AKC059	AKC060	AKC061	AKC062	AKC063	AKC064	AKC065	AKC066	AKC067	AKC068	AKC069	AKC070	AKC071	AKC072	AKC073	AKC074	AKC075
CC	AA	AA	AA	AG	AA	GG	AT	AC	GG	CC	CC	AG	CC	GG	GG	AC	AG	AG	GG	CC	AG	CC	AA	AG
AKC076	AKC077	AKC078	AKC079	AKC080	AKC081	AKC082	AKC083	AKC084	AKC085	AKC086	AKC087	AKC088	AKC089	AKC090	AKC091	AKC092	AKC093	AKC094	AKC095	AKC096	AKC097	AKC098	AKC099	AKC100
AA	GG	TT	AA	AG	AG	GG	GG	AC	AG	AG	CC	AA	AC	AA	CC	AA	AG	AA	GG	AA	AC	AA	AA	AA
AKC101	AKC102	AKC103	AKC104	AKC105	AKC106	AKC107	AKC108	AKC109	AKC110	AKC111	AKC112	AKC113	AKC114	AKC115	AKC116	AKC117	AKC118	AKC119	AKC120	AKC121	AKC122	AKC123	AKC124	AKC125
AA	AG	GG	AG	AG	AA	AG	AA	GG	GG	AG	AA	CC	CC	GG	AG	GG	AG	CC	AA	AA	AG	AC	CC	GG
AKC126	AKC127	AKC128	AKC129	AKC130	AKC131	AKC132	AKC133	AKC134	AKC135	AKC136	AKC137	AKC138	AKC139	AKC140	AKC141	AKC142	AKC143	AKC144	AKC145	AKC146	AKC147	AKC148	AKC149	AKC150
AG	AA	AC	AG	AA	AA	AA	GG	AA	AA	AA	AC	AG	AA	AA	AA	AG	GG	AG	AA	GG	AT	AC	GG	GG
AKC151	AKC152	AKC153	AKC154	AKC155	AKC156	AKC157	AKC158	AKC159	AKC160	AKC161	AKC162	AKC163	AKC164	AKC165	AKC166	AKC167	AKC168	AKC169	AKC170	AKC171	AKC172	AKC173	AKC174	AKC175
AA	AA	AA	AA	AG	AA	GG	GG	GG	AG	GG	GG	CC	AG	GG	GG	AG	AG	GG	AA	CG	AA	GG	GG	CC
AKC176	AKC177	AKC178	AKC179	AKC180	AKC181	AKC182	AKC183	AKC184	AKC185	AKC186	AKC187	AKC188	AKC189	AKC190	AKC191	AKC192	AKC193	AKC194	AKC195	AKC196	AKC197	AKC198	AKC199	AKC200

XX

AKC201

Dr. Jerry Klein, DVM, Chief Veterinary Officer
American Kennel Club

Dr. Jiansheng Qiu, Directory of Quality
Neogen Corporation

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

OFA eCert



Verify QR scan

G.G. Keller, DVM

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

www.ofa.org

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Phone number: 573-442-0418
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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

07/01/2025
date of report

RESULTS:

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

WS69123603
registration no.

F
sex

06/21/2020
date of birth

60
age at evaluation in months



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BMD-PA1516/60F/P-VPI
O.F.A. NUMBER

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NORMAL - PRACTITIONER

owner
ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. Keller, DVM

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

www.ofa.org

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Fax number: 573-875-5073

Orthopedic Foundation for Animals
Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

M&R TAMMY
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

956000010243427

tattoo/microchip/DNA profile

2627216

application number

11/06/2025

date of report

WS69123603
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 _____

G.G. Keller, DVM

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

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

11/06/2025
date of report

RESULTS:

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

owner ANGELA MILLER
6237 CR 203
MILLERSBURG OH 44654

WS69123603
registration no.

F
sex

06/21/2020
date of birth

64
age at evaluation in months



A Not-For-Profit Organization

BMD-28658G64F-C-VPI
O.F.A. NUMBER

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OFA eCert



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

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OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

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.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

M&R TAMMY
registered name

BERNESE MOUNTAIN DOG
breed

266147
film/test/lab #

956000010243427
tattoo/microchip/DNA profile

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



A Not-For-Profit Organization

BMD-DM3733/17F-PI-CAR
O.F.A. NUMBER

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G.G. Keller DVM

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CHIEF OF VETERINARY SERVICES

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BERNESE MOUNTAIN DOG
breed

266147
film/test/lab #

956000010243427
tattoo/microchip/DNA profile

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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6237 CR 203
MILLERSBURG OH 44654

WS69123603
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registered name

BERNESE MOUNTAIN DOG
breed

266147
film/test/lab #

956000010243427
tattoo/microchip/DNA profile

2627216
application number

05/28/2026
date of report

RESULTS:

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

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

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