

AMERICAN KENNEL CLUB

NAME
HIGH COUNTRY HALLIE

NUMBER
WS48729807

BREED
BERNESE MOUNTAIN DOG

SEX
FEMALE

COLOR
BLACK RUST & WHITE

DATE OF BIRTH
OCTOBER 21, 2014

SIRE
HEMINGWAYH HENRY
WS32279804 07-11 AKC DNA #V636648

DAM
HAVENROCK HEIDI
WS36229601 07-13 OFEL39 AKC DNA #V689608 (CAN)

BREEDER
ADA M KAUFMAN

OWNER

ADA M KAUFMAN
180 GREAT TWINS RD
LIVERMORE CO 80536-8937



AMERICAN
KENNEL CLUB®

CERTIFICATE ISSUED
MARCH 16, 2015

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.

REGISTRATION CERTIFICATE

AMERICAN KENNEL CLUB · FOUNDED 1884

Certified Pedigree

Sire **HEMINGWAYH HENRY**
WS32279804 (07-11) BLK RST & WH AKC
DNA #V636648

HIGH COUNTRY HALLIE

WS48729807
BERNESE MOUNTAIN DOG FEMALE BLK RST & WH
Date Whelped: 10/21/2014
Breeder: ADA M KAUFMAN

Dam **HAVENROCK HEIDI**
WS36229601 (07-13) OFEL39 BLK RST & WH
(CAN) AKC DNA #V689608



AMERICAN
KENNEL CLUB®


Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 16, 2015.

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

HARLAN'S SWEET TONYA
WS06009905 (03-07) OFA24G OFEL24
BLK RST & WH

REHNBY'S OPTIMAL DREAM
WS25687503 BLK RST & WH

BLOEMCO'S KOKO HAVENROCK
CKC TJ166976

BATCH SANTY BAZALTIN
CMKU 2552/01

BERNICE VAN 'T BEERTJES HOF
UCS 0903118

BLUE HEAVEN SILVER LINING
WP91646907 (10-02) OFA24G BLK RST & WH
AKC DNA #V259339

HARLAN'S GRACE BERNESE
WR02344205 (06-03) BLK TN & WH

SNOCREST SAMAICA
WS19649608 (02-08) BLK RST & WH AKC
DNA #V500363

FROSTY MEADOWS CANDY
WS01919204 (11-04) OFA55G BLK RST & WH

BLOEMCO'S OLAF V BEARCREEK
CKC RG008050

BLOEMCO'S ARLETTE OTTAS
CKC NL881612

WEKERLEI-NAGYMEDVE JOKER
MET BSH.8539/96

EMA Z GEMERSKEJ POLOMY
CMKU BSP/1159/97/97

XONEL VAN'T PACHTHOF
LOSH 0835580

XIBELLE V. 'T BEERTJES HOF
LOSH 0832479

SILVERS HAPPY TRAILS TO DIAN
WP79689902 (12-01) BLK RST & WH AKC DNA
#V148246

BEACON'S BRITE STAR HANNAH
WP54536303 (08-96) OFA28F OFEL28 BLK RST &
WH

ARTUR Z LOUCCKE KOTLINY
WR02111801 (07-01) OFA87G BLK TN & WH (CZR)
AKC DNA #V241708

BERNA BENINO VASKO
WR00233101 (07-01) BLK TN & WH (SFR)

SNOCREST MARTY
WS08940803 (12-06) BLK RST & WH AKC DNA
#V438733

ROLLING H'S COOKIE CRISP
WS06399504 (05-06) BLK RST & WH

HAVENWOOD'S DONNER V LINDENHOF
WP99498210 (11-02) BLK RST & WH AKC DNA
#V258059

M.M.H. WENDY
WP88968409 (12-01) OFA27E BLK RST & WH

BASOO V. HOFACHER
CKC 1084846

LARA V BEARCREEK
CKC MY842611

BLOEMCO'S OTTO V.D. HOGE VELUWE
CKC 1073291 (NET)

BLOEMCO'S ASTRID BEAU NICO
CKC KS689074

Referring Veterinarian:
DR. GREG BURNS
SOUTH MESA VETERINARY HOSPITAL
3801 S MASON STREET
FORT COLLINS, CO 80525
UNITED STATES

Patient ID: 56936
Radiography Date: 15 Dec 2015

Owner/Responsible Person:
ADA KAUFMAN

Patient:	
Patient Name: HALLIE	Species: CANINE
Reg. Name:	Breed: BERNESE MOUNTAIN DOG
Reg. #: Tattoo:	Date of Birth: 21 Oct 2014 Age: 14 mo.
Microchip: 020618852	Gender: F Weight: 91 lbs.

RESULTS			
LEFT	Distraction Index (DI)	0.29	DI is less than or equal to 0.30, with no radiographic evidence of OA.
	Osteoarthritis (OA)	None	
	Cavitation	No	
	Other Findings	Not Applicable	
RIGHT	Distraction Index (DI)	0.34	DI is greater than 0.30 with no radiographic evidence of OA. There is an increasing risk of developing OA as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
	Osteoarthritis (OA)	None	
	Cavitation	No	
	Other Findings	Not Applicable	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

LAXITY PROFILE RANKING									
The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 2,153 CANINE animals of the BERNESE MOUNTAIN DOG breed. The median DI for this group is 0.52.									
Percentiles									
	90th	80th	70th	60th	50th	40th	30th	20th	10th
> 90th					Median				< 10th
	↑								
The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the BERNESE MOUNTAIN DOG breed in our database. This result means that 1) your animal's hips are tighter than approximately 90% of this group of animals (alternatively, 10% of the group has tighter hips than your animal), and 2) your animal's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.									

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.
NOTE: As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation.

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.



CERTIFICATE OF RESULTS

OWNER'S NAME: ADA M. KAUFMAN
PET'S NAME:** HIGH COUNTRY HALLIE

PET'S REGISTRATION #: WS48729807
PET'S BREED: BERNESE MOUNTAIN DOG
TEST: DEGENERATIVE MYELOPATHY (DM)
DATE: 4/17/2017

Explanation of Results:

<u>SCORE</u>	<u>RECESSIVE</u>	<u>DOMINANT</u>
A	Clear/Normal	Clear/Normal
B	Carrier/Not Affected	Carrier/Affected
C	At Risk/Affected	At Risk/Affected

TEST SCORE*:

A

SAMPLE ID #:

57929

For detailed result explanation
please visit our website:

www.GenSolDx.com

*All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

**GenSol warrants its test results to be accurate for the sample obtained from the above dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GEN SOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**Please consult a licensed veterinarian
to discuss the implications of the above test results.**

125 North Main Street Unit 1846, Clayton, GA 30525

(407) 530-3788 - info@Gensoldx.com

WWW.GENSOLDX.COM

VetGen DNA Analysis Report

3278 Plaza Drive Suite One Ann Arbor MI 48108 USA
vetgen@vetgen.com 800-483-8436 US & Canada

Vetgen ID	25487				
Animal Name	High Country Hallie				
Registration	WS48729807				
Breed	Bernese Mountain Dog	Gender	F	Date of Birth	10/21/2014
Color-Coat	Not Provided	Nose	Not Provided		

Ada Kaufman
180 Great Twins Road
Livermore, CO 80536
USA

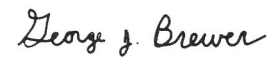
DISEASE TEST RESULTS

<u>Report Number</u>	<u>Report Date</u>	<u>Test</u>	<u>Results</u>
114243	1/11/2016	DM-SOD1-B	Clear-not carrying the mutation
110958	12/23/2015	Type I von Willebrand's Disease	Clear

This DNA testing is for the mutation typically found to cause the disease in this breed.

Date 01/11/2016

Findings reviewed and approved by:



Dr. George J. Brewer

Within twenty (20) calendar days after receipt of these test results, Customer must notify VetGen in writing of any nonconformity of the testing services, describing the nonconformity in detail, otherwise all testing services and data shall be deemed as accepted by Customer without qualification. Customer's sole and exclusive remedy under VetGen's limited warranty shall be to re-perform the testing at no cost and/or to provide Customer with a full refund for the purchase price of the test. The entire VetGen, LLC Terms and Conditions may be viewed online at <http://www.vetgen.com/about-business.html>.