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## Genetic Summary Report

### Owner's details

Name:	daniel troyer
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### Animal's Details

Registered Name :	Three Springs Panda Marie
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Pet Name :	Panda
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Registration Number :	WS83917401
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Breed: :	Bernese Mountain Dog
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Microchip Number :	933000320877621
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Sex: :	Female
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Date of Birth :	2nd Apr 2024
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Colour :	
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### Sample Collection Details

Case Number :	26FB20723
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Collected By :	
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Approved Collection :	No
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Sample Type :	SWAB
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### Test Details

Test Requested :	Bernese Mountain Dog – Full Breed Profile
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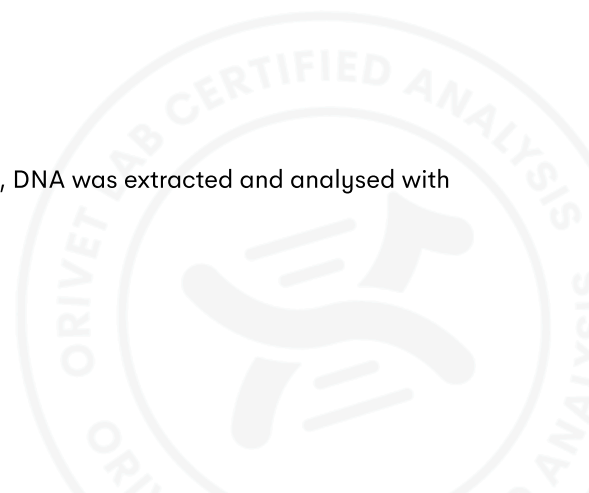
Pet Name :	Panda
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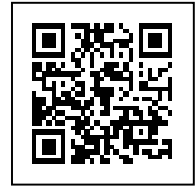
Date of Test :	6th Feb 2026
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### Authorisation

Sample with Lab ID Number 26FB20723 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:

Orivet Genetic Analyst





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## Genetic Summary Report

### Health Tests Reported

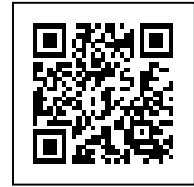
Breed Sense	Diseases	Result
✓	Degenerative Myelopathy	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Degenerative Myelopathy (Bernese Mountain Dog Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
✓	Sex Determination - ZFX/Y	DOG IS FEMALE
✓	von Willebrand's Disease Type I	NORMAL (N/N) - [NO VARIANT DETECTED]
	Black Hair Follicular Dysplasia	NEGATIVE - NO COPIES, NOT SHOWING THE PHENOTYPE

**Owner's Name :** daniel troyer

**Pet Name :** Panda

**Microchip Number** 933000320877621

**Approved Collection Method :** No



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## Genetic Summary Report

### Health Tests Reported

Breed Sense	Traits	Result
✓	A Locus (Agouti)	$a^t/a^t$ - TAN POINTS/BLACK & TAN or TRICOLOUR MAY BE BRINDLED [SEE K LOCUS]
✓	B Locus - Bd, Bs, Bc [Various Breeds]	BB [BcBc BdBd BsBs] - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE
✓	Curly Coat/Hair Variant 1	NEGATIVE FOR THE R151W (C1) VARIANT - NOT SHOWING THE CURLY COAT PHENOTYPE
✓	E Locus - (Cream/Red/Yellow)	E/E - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE
✓	K Locus (Dominant Black)	$k^y/k^y$ - RECESSIVE NON- BLACK [COLOUR PATTERN DETERMINED BY A LOCUS]
✓	Shedding (MC5R)	SHD/shd [MODERATE SHEDDING] - ONE COPY OF THE SHD (MC5R) VARIANT DETECTED [REFER TO FURNISHINGS (IC) FOR LEVEL]
	Brown TYRP1 [Lancashire Heeler Type] = Bl	$B^L/B^L$ - DOES NOT CARRY BROWN/LIVER [TYRP1]
	Coat Composition CFA28 Gene (Double/Single Coat)	udc/udc - TWO COPIES OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED

Owner's Name : daniel troyer

Pet Name : Panda

Microchip Number 933000320877621

Approved Collection Method : No





**Orthopedic Foundation for Animals**  
**Preliminary Elbow Dysplasia Evaluation Report**



A Not-for-Profit  
Organization

**THREE SPRINGS PANDA MARIE**  
*registered name*

**BERNESE MOUNTAIN DOG**  
*breed*

*film/test/lab #*

**933000320877621**  
*tattoo/microchip/DNA profile*

**2638039**  
*application number*

**07/01/2025**  
*date of report*

**WS83917401**  
*registration no.*

**F**  
*sex*

**04/02/2024**  
*date of birth*

**14**  
*age at evaluation in months*

**Veterinarian**  
**SINN VETERINARY SERVICES**  
**55854 703 RD**  
**MAHASKA KS 66955**

**Preliminary Elbow Dysplasia Evaluation Report**

✓ negative for elbow dysplasia

L ✓ R ✓

**ELBOW DYSPLASIA**

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**  
**Preliminary Hip Dysplasia Evaluation Report**



A Not-for-Profit  
Organization

**THREE SPRINGS PANDA MARIE**  
*registered name*

**BERNESE MOUNTAIN DOG**  
*breed*

*film/test/lab #*

**933000320877621**  
*tattoo/microchip/DNA profile*

**2638039**  
*application number*

**07/01/2025**  
*date of report*

**WS83917401**  
*registration no.*

**F**  
*sex*

**04/02/2024**  
*date of birth*

**14**  
*age at evaluation in months*

**Veterinarian**  
**SINN VETERINARY SERVICES**  
**55854 703 RD**  
**MAHASKA KS 66955**

**Preliminary Hip Dysplasia Evaluation Report**

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

**EXCELLENT HIP JOINT CONFORMATION**

superior hip joint conformation as compared with other individuals of the same breed and age

**GOOD HIP JOINT CONFORMATION**

well formed hip joint conformation as compared with other individuals of the same breed and age

**FAIR HIP JOINT CONFORMATION**

minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

**BORDERLINE HIP JOINT CONFORMATION**

marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

**MILD HIP DYSPLASIA**

radiographic evidence of minor dysplastic changes of the hip joints

**MODERATE HIP DYSPLASIA**

well defined radiographic evidence of dysplastic changes of the hip joints

**SEVERE HIP DYSPLASIA**

radiographic evidence of marked dysplastic changes of the hip joints

**RADIOGRAPHIC FINDINGS**

☐ subluxation  
☐ remodeling of femoral head/neck  
☐ osteoarthritis/degenerative joint disease  
☐ shallow acetabula  
☐ acetabular rim/edge change

☐ unilateral ☐ left ☐ right  
☐ transitional vertebra  
☐ spondylolysis  
☐ panosteitis

  
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