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Genetic Summary Report

Owner's details

Name: daniel troyer

Animal's Details

Registered Name : Legendary Spots Rhythmic River

Pet Name : River

Registration Number : WS86346603

Breed: : Bernese Mountain Dog

Microchip Number :

Sex: : Female

Date of Birth : 9th Aug 2024

Colour :

Sample Collection Details

Case Number : 25FB15509

Collected By :

Approved Collection : No

Sample Type : SWAB

Test Details

Test Requested : Bernese Mountain Dog - Full Breed Profile

Pet Name : River

Date of Test : 17th Sep 2025

Authorisation

Sample with Lab ID Number 25FB15509 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported:



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Health Tests Reported

Breed Sense	Diseases	Result
<input checked="" type="checkbox"/>	Degenerative Myelopathy	NORMAL (N/N) - [NO VARIANT DETECTED]
<input checked="" type="checkbox"/>	Degenerative Myelopathy (Bernese Mountain Dog Type)	NORMAL (N/N) - [NO VARIANT DETECTED]
<input checked="" type="checkbox"/>	Sex Determination - ZFX/Y	DOG IS FEMALE
<input checked="" type="checkbox"/>	von Willebrand's Disease Type I	NORMAL (N/N) - [NO VARIANT DETECTED]
	Black Hair Follicular Dysplasia	NEGATIVE - NOT SHOWING THE PHENOTYPE



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Health Tests Reported

Breed Sense	Traits	Result
✓	E Locus - (Cream/Red/Yellow)	E/E - DOMINANT BLACK DOES NOT CARRY YELLOW/RED/WHITE
✓	Brown TYRP1 [Lancashire Heeler Type] = Bl	B ^L /B ^L - DOES NOT CARRY BROWN/LIVER [TYRP1]
✓	K Locus (Dominant Black)	k ^y /k ^y - RECESSIVE NON- BLACK [COLOUR PATTERN DETERMINED BY A LOCUS]
✓	A Locus (Agouti)	a ^t /a ^t - TAN POINTS/BLACK & TAN or TRICOLOUR MAY BE BRINDLED [SEE K LOCUS]
✓	Shedding (MC5R)	shd/shd [HIGH SHEDDING] - TWO COPIES OF THE shd (MC5R) VARIANT DETECTED REFER TO R151W (IC) FOR LEVEL OF SHEDDING
✓	Curly Coat/Hair Curl (KRT71 R151W)	NEGATIVE FOR THE R151W (CU/CU) VARIANT - NOT SHOWING THE CURLY COAT PHENOTYPE
	Brown Deletion = Bd	B ^d /B ^d - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [DELETION]
	Brown Stop Codon = Bs	B ^s /B ^s - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [STOP CODON]
	Brown Insertion = Bc	B ^c /B ^c - DOES NOT CARRY BROWN/RED/LIVER or CHOCOLATE [INSERTION]
	Coat Composition CFA28 Gene (Double/Single Coat)	udc/udc - TWO COPIES OF THE DOUBLE COAT (DENSE UNDERCOAT) PHENOTYPE DETECTED