

Dog Information

Banshee of Moro (Banshee) NAME	Female SEX
White Shepherd BREED ANCESTRY	August 19th, 2025 DATE OF BIRTH
Fédération Cynologique Internationale (FCI) FCPR HD25.480 REGISTRATION	900 263 003 098 512 MICROCHIP

Sydney Garfias, Skylar Copeland
OWNER NAMES

Canine Genetic Health Screen
TEST

October 2nd, 2025
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Canine Leukocyte Adhesion Deficiency Type III, CLAD III	FERMT3	NN	Clear	
Degenerative Myelopathy, DM	SOD1A	GG	Clear	
MDR1 Drug Sensitivity	ABCB1	NN	Clear	
Achromatopsia	CNGA3 (Exon 7 SNP)	CC	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 1	GG	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 11	GG	Clear	
Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU	SLC2A9 (Exon 5)	GG	Clear	
Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII	GUSB	GG	Clear	
Platelet Factor X Receptor Deficiency, Scott Syndrome	TMEM16F	GG	Clear	
Renal Cystadenocarcinoma and Nodular Dermatofibrosis, RCND	FLCN	GG	Clear	
X-linked Ectodermal Dysplasia, Anhidrotic Ectodermal Dysplasia, XHED	EDA	GG	Clear	

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INBREEDING AND DIVERSITY

Genetic Diversity	RESULT
Coefficient Of Inbreeding	30%
MHC Class II - DLA DRB1	High Diversity
MHC Class II - DLA DQA1 and DQB1	High Diversity

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TRAIT TESTS (1/3)

Coat Color	RESULT
E Locus (MC1R)	No dark hairs anywhere (ee)
K Locus (CBD103)	Not expressed (k ^y k ^y)
Intensity Loci	Any pigmented hair likely white or cream (Dilute Red Pigmentation)
A Locus (ASIP)	Not expressed (a ^t a)
D Locus (MLPH)	Not expressed (DD)
Cocoa (HPS3)	No co alleles, not expressed (NN)
B Locus (TYRP1)	Likely black colored nose/feet (BB)
Saddle Tan (RALY)	Not expressed (NN)
S Locus (MITF)	Likely to have little to no white in coat (SS)
M Locus (PMEL)	No merle alleles (mm)
R Locus (USH2A)	Likely no impact on coat pattern (Rr)

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TRAIT TESTS (2/3)

Coat Color	RESULT
H Locus (Harlequin)	No harlequin alleles (hh)
Panda White Spotting	Not expected to display Panda pattern (NN)
Other Coat Traits	RESULT
Furnishings (RSP02)	Likely unfurnished (no mustache, beard, and/or eyebrows) (II)
Coat Length (FGF5)	Likely long coat (LhLh)
Shedding (MC5R)	Likely heavy/seasonal shedding (CC)
Coat Texture (KRT71)	Likely straight coat (CC)
Hairlessness (FOXI3)	Very unlikely to be hairless (NN)
Hairlessness (SGK3)	Very unlikely to be hairless (NN)
Oculocutaneous Albinism Type 2 (SLC45A2)	Likely not albino (NN)
Other Body Features	RESULT
Muzzle Length (BMP3)	Likely medium or long muzzle (CC)
Tail Length (T)	Likely normal-length tail (CC)

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TRAIT TESTS (3/3)

Other Body Features		RESULT
Hind Dewclaws (LMBR1)	Unlikely to have hind dew claws (CC)	
Chondrodysplasia (Chr. 18 FGF4 Retrogene)	Not indicative of chondrodysplasia (normal leg length) (NN)	
Blue Eye Color (ALX4)	Less likely to have blue eyes (NN)	
Back Muscling & Bulk, Large Breed (ACSL4)	Likely normal muscling (CC)	
Body Size		RESULT
Body Size (IGF1)	Larger (NN)	
Body Size (IGFR1)	Larger (GG)	
Body Size (STC2)	Larger (TT)	
Body Size (GHR - E191K)	Larger (GG)	
Body Size (GHR - P177L)	Larger (CC)	
Performance		RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance (GG)	
Appetite (POMC)	Normal food motivation (NN)	