

Dog Information

SK's Keepin the Faith ML (Faith)
NAME

Female
SEX

Dachshund
BREED ANCESTRY

February 24th, 2024
DATE OF BIRTH

American Kennel Club (AKC) HP70212704
REGISTRATION

956-000-018-014-520
MICROCHIP

Sharon Krotzer
OWNER NAME

Canine Genetic Health Screen
TEST

May 20th, 2025
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA	SGSH	NN	Clear	
Narcolepsy	HCRT2	GG	Clear	
Neuronal Ceroid Lipofuscinosis 1, NCL 1	PPT1 (Exon 8)	NN	Clear	
Neuronal Ceroid Lipofuscinosis 2, NCL 2	TPP1 (Exon 4)	NN	Clear	
Progressive Retinal Atrophy, crd4/cord1	RPGRIP1 (Exon 2)	NN	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	I/I	2 Variants	
Limb-Girdle Muscular Dystrophy 2D	SGCA Exon 3	GG	Clear	
Osteogenesis Imperfecta, Brittle Bone Disease	SERPINH1 (Exon 5)	CC	Clear	
Progressive Retinal Atrophy 5, PRA5	NECAP1 Exon 6	GG	Clear	

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TRAIT TESTS (1/3)

Coat Color	RESULT	GENETIC RESULT
E Locus (MC1R)	No dark mask or grizzle	EE
K Locus (CBD103)	More likely to have a patterned haircoat	k ^Y k ^Y
Intensity Loci	Any light hair likely yellow or tan	Intermediate Red Pigmentation
A Locus (ASIP)	Black/Brown and tan coat color pattern	a ^t a ^t
D Locus (MLPH)	Dark areas of hair and skin are not lightened	Dd
Cocoa (HPS3)		NN
B Locus (TYRP1)	Black or grey or brown hair and skin	Bb or bb
Saddle Tan (RALY)	Not saddle tan patterned	II
S Locus (MITF)	Likely to have little to no white in coat	SS
M Locus (PMEL)	One merle allele; may express merle	M*m
R Locus (USH2A)	Likely no impact on coat pattern	RR

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TRAIT TESTS (2/3)

Coat Color	RESULT	GENETIC RESULT
H Locus (Harlequin)	No harlequin alleles	hh
Panda White Spotting	Not expected to display Panda pattern	NN

Other Coat Traits	RESULT	GENETIC RESULT
Furnishings (RSP02)	Likely unfurnished (no mustache, beard, and/or eyebrows)	II
Coat Length (FGF5)	Likely long coat	LhLh
Shedding (MC5R)	Likely light shedding	TT
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	GENETIC 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	GENETIC RESULT
Hind Dewclaws (LMBR1)	Unlikely to have hind dew claws	CC
Chondrodysplasia (Chr. 18 FGF4 Retrogene)	Likely to have chondrodysplasia (short legs)	II
Blue Eye Color (ALX4)	Less likely to have blue eyes	NN
Back Muscling & Bulk, Large Breed (ACSL4)	Likely normal muscling	CC
Body Size	RESULT	GENETIC RESULT
Body Size (IGF1)	Intermediate	NI
Body Size (IGFR1)	Intermediate	GA
Body Size (STC2)	Intermediate	TA
Body Size (GHR - E191K)	Smaller	AA
Body Size (GHR - P177L)	Larger	CC
Performance	RESULT	GENETIC RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance	GG
Appetite (POMC)	Normal food motivation	NN