

Dog Information

Pink
NAME

Poodle
Breed with variety:
50.8% Poodle (Small)
49.2% Poodle (Standard)
BREED ANCESTRY

American Kennel Club (AKC)
REGISTRATION

Female
SEX

November 19th, 2021
DATE OF BIRTH

n/a
MICROCHIP

Laurel McComas
OWNER NAME

Canine Genetic Health Screen
TEST

January 30th, 2024
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Degenerative Myelopathy, DM	SOD1A	GG	Clear	
Neonatal Encephalopathy with Seizures, NEWS	ATF2	TT	Clear	
Osteochondrodysplasia, Skeletal Dwarfism	SLC13A1	NN	Clear	
Progressive Retinal Atrophy, prcd	PRCD Exon 1	GG	Clear	
Von Willebrand Disease Type I, Type I vWD	VWF	GG	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	N/N	Clear	
GM2 Gangliosidosis	HEXB (Exon 3)	NN	Clear	

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INBREEDING AND DIVERSITY

Genetic Diversity	RESULT	GENETIC RESULT
Coefficient Of Inbreeding		2%
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	GENETIC RESULT
E Locus (MC1R)	No dark hairs anywhere	ee
K Locus (CBD103)	Not expressed	K ^B k ^Y
Intensity Loci LINKAGE	Any pigmented hair likely yellow or tan	Intermediate Red Pigmentation
A Locus (ASIP)	Not expressed	a ⁺ 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	II
S Locus (MITF)	Likely solid colored, but may have small amounts of white	Ssp
M Locus (PMEL)	One merle allele; not expressed in coat	M*m
R Locus (USH2A) LINKAGE	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
Other Coat Traits	RESULT	GENETIC RESULT
Furnishings (RSP02) LINKAGE	Likely furnished (mustache, beard, and/or eyebrows)	FF
Coat Length (FGF5)	Likely long coat	TT
Shedding (MC5R)	Likely light shedding	TT
Coat Texture (KRT71)	Likely wavy coat	CT
Hairlessness (FOXI3) LINKAGE	Very unlikely to be hairless	NN
Hairlessness (SGK3)	Very unlikely to be hairless	NN
Oculocutaneous Albinism Type 2 (SLC45A2) LINKAGE	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
Hind Dewclaws (LMBR1)	Unlikely to have hind dew claws	CC

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TRAIT TESTS (3/3)

Other Body Features		RESULT	GENETIC RESULT
Chondrodysplasia (Chr. 18 FGF4 Retrogene)	Likely to have chondrodysplasia (intermediate leg length)		NI
Blue Eye Color (ALX4) LINKAGE	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)	Larger		GG
Body Size (STC2)	Larger		TT
Body Size (GHR - E191K)	Intermediate		GA
Body Size (GHR - P177L)	Larger		CC
Performance		RESULT	GENETIC RESULT
Altitude Adaptation (EPAS1)	Normal altitude tolerance		GG
Appetite (POMC) LINKAGE	Normal food motivation		NN