

Customer & Pet Information

Call Name Diana
Registered Name Faksas SomethingRoyal
Breed Standard Poodle
Sex Female
Ordered By Christina Howard

DOB Nov. 30, 2024
Registration # PR29043602
Tattoo -
Microchip
Laboratory #
Report Date

WT: ☐ wild type (normal) M: ☐ mutant Y: ☐ Y chromosome (male)

Breed Profile

Disease Name

Degenerative Myelopathy

Degenerative Myelopathy (Bernese Mountain Dog Variant)
 Degenerative Myelopathy (Common Variant)

Ehlers-Danlos Syndrome (Poodle Type, Variants 1 and 2)

Ehlers-Danlos Syndrome (Poodle Type), Variant 1
 Ehlers-Danlos Syndrome (Poodle Type), Variant 2

GM2 Gangliosidosis (Poodle Type)

Hereditary Cataracts

Intervertebral Disc Disease Risk Factor and Chondrodystrophy (CDDY with IVDD)

Multidrug Resistance 1

Neonatal Encephalopathy with Seizures

Osteochondrodysplasia

Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration (prcd)

Progressive Retinal Atrophy, Rod-Cone Dysplasia 4

Genotype

WT/WT

0

0

WT/WT

0

0

WT/WT

WT/WT

WT/WT

WT/WT

WT/WT

WT/WT

WT/WT

WT/WT

Interpretation

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

Normal (Clear)

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Coat Colors & Traits

Trait Name	Genotype	Interpretation
A Locus (Agouti)	a ^t /a	Tricolor, black and tan (carries bicolor/solid)
A ^s Locus (Saddle Tan)	N/A ^s	Saddle tan/creeping tan (non saddle tan carrier)
B Locus (Brown)	B/B	Black coat, nose and foot pads (does not carry brown)
B Locus (Brown) - b ^a	0	
B Locus (Brown) - b ^c	0	
B Locus (Brown) - b ^d	0	
B Locus (Brown) - b ^h	0	
B Locus (Brown) - b ^e	0	
B Locus (Brown) - b ^s	0	
Brachycephaly	BR/BR	Likely medium to long muzzle
Chondrodysplasia (CDPA)	cd/cd	Likely typical leg length
Co Locus (Cocoa, French Bulldog Type)	CO/CO	Black coat, nose and foot pads (does not carry cocoa)
Cu Locus (Curly Hair)	Cu ^C /Cu ^C	Curly coat
D Locus (Dilute)	D/D	Non-dilute (does not carry dilute)
D Locus (Dilute) - d ¹	0	
D Locus (Dilute) - d ²	0	
D Locus (Dilute) - d ³	0	

E Locus	E/e¹	Black - Carrier (Yellow/Red)
E Locus - E ^m (Melanistic Mask)	0	
E Locus - E ^B (Grizzle, Afghan Hound Type)	0	
E Locus - E ^h (Sable, Cocker Spaniel Type)	0	
E Locus - e ^A (Ancient Red, Spitz and Scent Hound Type)	0	
E Locus - e ¹ (Yellow/Red)	1	
E Locus - e ² (Cream, Australian Cattle Dog Type)	0	
E Locus - e ³ (White, Alaskan and Siberian Husky Type)	0	
H Locus (Harlequin, Great Dane Type)	h/h	No harlequin
Hairlessness	Rh/Rh	Coated
Hairlessness (American Hairless Terrier Type) - rh ¹	0	
Hairlessness (Scottish Deerhound Type) - rh ²	0	
Hr Locus (FOXI3 Hairless Gene Test, Mexican Hairless, Peruvian Hairless and Chinese Crested Type)	hr/hr	Coated
I Locus (Intensity)	I/i	Normal intensity (carrier)
IC Locus (Improper Coat/Furnishings)	F/F	Furnishings
K Locus (Dominant Black)	K^B/K^B	No agouti expression allowed
L Locus (Long Hair/Fluffy)	Lh¹/Lh¹	Longhaired (carries two copies of long hair)
L Locus (Long Hair/Fluffy) - Lh ¹	2	
L Locus (Long Hair/Fluffy) - Lh ²	0	
L Locus (Long Hair/Fluffy) - Lh ³	0	
L Locus (Long Hair/Fluffy) - Lh ⁴	0	
Merle)	m/m	Non merle

Polydactyly (Common Variant)	pd/pd	Normal (typical) toes (likely no hind dewclaws)
Polydactyly (Great Pyrenees Type)	WT/WT	Normal (Clear)
R Locus (Roan/Ticked)	R ^{Ti} /r	Ticked (carries non-roan)
R Locus (Roan/Ticked) - R ^{Ti}	1	
R Locus (Roan/Ticked) - R	0	
S Locus (White Spotting, Parti, or Piebald)	S/s ^P	Limited white spotting, flash, parti, or piebald (carrier)
SD Locus (Shedding)	SD/SD	High shedding
Sex Determination	X/X	Female
Social Behavior	M/M; WT/WT	May demonstrate more social behavior
Social Behavior, Variant 1	2	
Social Behavior, Variant 2	0	
T Locus (Natural Bobtail)	t/t	Normal tail

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Determinants of coat colors and traits are complex. Many of these variants are known and many of the genes screened in the Canine HealthCheck interact. In addition, not all the genetic factors that contribute to a dog's coat color and traits are known. Because of the complexities in gene-gene interactions, the coat colors and traits reported in your Canine HealthCheck results may vary from your dog's actual appearance. Individual differences in genes throughout the canine genome, not tested in this genetic screen, may also affect the final coat color or traits seen in your dog.

Explanation of Results

- Normal** A 'Normal' result means that your dog does not have the mutation that causes the associated genetic disease.
- Carrier** A 'Carrier' result indicates that your dog has inherited one copy of the mutation that has been reported to cause this genetic disease. Your dog may not be clinically affected by this mutation because two copies of the mutation are usually required to cause disease.