Canine HealthCheck

Demographic Information

Call Name	Raven	**DOB**	May 2, 2022
Registered Name	Jaset Sharbelle Queen of The Underground	**Registration Nı**	
Breed	Standard Poodle	**Tattoo**	
Sex	F	**Microchip**	
Owner	Christina Howard	**Laboratory #**	
Co-Owner	Chris Bailey	**Report Date**	November 3, 2022

These tests were developed and performed by Paw Print Genetics®, Spokane WA.

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.

Carrier / At-Risk A 'Carrier / At-Risk' result indicates that your dog inherited one copy of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one mutant copy of the gene may result in the disease. Dogs with one copy of the mutation may have a milder phenotype as compared to dogs with two copies of this mutation.

At-Risk / Affected An 'At-Risk / Affected' result indicates that your dog inherited one or two copies of the mutation that has been reported to cause this genetic disease. Based on the mode of genetic inheritance for this particular disease, inheriting one or two mutant copies of the gene may result in the disease.

No Result 'No Result' indicates that we were unable to obtain a genotype for your dog for this specific disease or trait and does not mean that your dog is a carrier or at-risk for this disease. There are a variety of reasons why a specific test may not provide a reportable result. Unique variations in the genetic code of some individuals may exist and cause certain regions of the genome to not perform properly with a specific test. In addition, suboptimal sampling of the dog's cheek cells could also result in poor sample performance due to inadequate cell counts, bacterial and fungal growth, or the presence of other test inhibitors. An acceptable level of tests with no results has been determined by Paw Print Genetics. Dogs with at least 90% of the test results are determined to be acceptable and reportable. If your dog has an

unacceptable level of tests with no results, you will be contacted for a new sample to repeat the testing.

Please review our testing terms and disclaimers regarding your results.

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

Breed Profile

Disease Name	Geno.	Interpretation
Degenerative Myelopathy	WT/WT	Normal (Clear)
Degenerative Myelopathy (Bernese Mountain Dog Variant)	0	
Degenerative Myelopathy (Common Variant)	0	
GM2 Gangliosidosis Poodle Type	WT/WT	Normal (Clear)
Hereditary Cataracts	WT/WT	Normal (Clear)
Intervertebral Disc Disease Risk Factor and Chondrodystrophy CDDY with IVDD	WT/WT	Normal (Clear)
Multidrug Resistance 1	WT/WT	Normal (Clear)
Neonatal Encephalopathy with Seizures	WT/WT	Normal (Clear)
Osteochondrodysplasia	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration prcd	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	WT/WT	Normal (Clear)
Von Willebrand Disease I	WT/WT	Normal (Clear)

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Coat Colors & Traits

Trait Name	Geno.	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
B Locus (Brown) - b^a	0	
B Locus (Brown) - b^c	0	

B Locus (Brown) - b^d	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
D Locus (Dilute) - d^1	0	
D Locus (Dilute) - d^2	0	
E Locus Yellow/Red	E/E	Black
E^g Locus Grizzle, Afghan Hound Type	N/N	No grizzle
E^h Locus Sable, Cocker Spaniel Type	N/N	No sable
E^m Locus Melanistic Mask	E^m/N	Melanistic mask (carrier)
H Locus Harlequin, Great Dane Type	h/h	No harlequin
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^y	No agouti expression allowed (carrier)
L Locus Long Hair/Fluffy - Lh^1, Lh^2, Lh^4	Lh/Lh	Longhaired
L Locus (Long Hair/Fluffy) - Lh^1	2	
L Locus (Long Hair/Fluffy) - Lh^2	0	
L Locus (Long Hair/Fluffy) - Lh^4	0	
M Locus	m/m	Non merle

Merle		
Polydactyly	pd/pd	Normal (typical) toes (likely no hind dewclaws)
S Locus White Spotting, Parti, or Piebald	S/S	No white spotting, flash, parti, or piebald
SD Locus Shedding	SD/SD	High shedding
Sex Determination - ZFXY	X/X	Female
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 interact. In addition, not all the genetic factors that contribute to a dog's coat color and traits are known. Because of the