Demographic Information

Call Name	Rowdy	DOB	Apr 2019
Registered Name	Grace's Star Of The Parti	Registration Number	PR22101801933
Breed	Poodle	Tattoo	
Sex	M	Microchip	933041000039844
Owner	Vicki Volby	Laboratory #	AN-19-000505
		Report Date	June 12, 2020

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	Genotype	Interpretation
Degenerative Myelopathy	**WT/WT**	Normal (Clear)
Degenerative Myelopathy (Common Variant)	0	
Degenerative Myelopathy (Bernese Mountain Dog Variant)	0	
Ehlers-Danlos Syndrome	**WT/WT**	Normal (Clear)
Ehlers-Danlos Syndrome (Variant 1)	0	
Ehlers-Danlos Syndrome (Variant 2)	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	Genotype	Interpretation
A Locus Agouti	**a^t/a**	**Tricolor, black and tan (carries bicolor/solid)**
A^s Locus Saddle Tan	**A^s/A^s**	**Saddle tan/creeping tan**
B Locus Brown	**B/B**	**Black coat, nose and foot pads**
B Locus (Brown) - b^c	0	
B Locus (Brown) - b^s	0	

B Locus (Brown) - b^d	0	
B Locus (Brown) - b^a	0	
Brachycephaly	**BR/br**	**Likely medium to long muzzle (short muzzle carrier)**
Chondrodysplasia CDPA	**cd/cd**	**Likely typical leg length**
Cu Locus Curly Hair	**Cu/Cu^C**	**Curly/wavy coat (carrier)**
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/E^m**	**Melanistic mask**
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**
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/Lh**	**Longhaired**
L Locus (Long Hair/Fluffy) - Lh^1	2	
L Locus (Long Hair/Fluffy) - Lh^2	0	
M Locus Merle	**m/m**	**Non merle**
Polydactyly	**pd/pd**	**Normal (typical) toes (likely no hind dewclaws)**

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/Y	Male
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.