



## Demographic Information

Call Name	<i>Maxie</i>	Parker	<i>Ranger</i>
Registered Name			
Breed		Miniature Poodle	
Sex		Male	
Owner		Ivan Weaver	
DOB		June 8, 2023	
Registration Number			
Tattoo			
Microchip		7215	
Laboratory #		427799	
Report Date		January 15, 2024	

These tests were developed and performed by Paw Print Genetics®, Lincoln, NE.

## Explanation of Results

<b>Normal</b>	A 'Normal' result means that your dog does not have the mutation that causes the associated genetic disease.
<b>Carrier</b>	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.
<b>Carrier / At-Risk</b>	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.
<b>At-Risk / Affected</b>	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.
<b>No Result</b>	'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

<u>A Locus (Agouti)</u>	a <sup>t</sup> /a <sup>t</sup>	Tricolor, black and tan
<u>A<sup>s</sup> Locus (Saddle Tan)</u>	N/N	No saddle tan/creeping tan
<u>B Locus (Brown)</u>	B/B	Black coat, nose and foot pads (does not carry brown)
B Locus (Brown) - b <sup>a</sup>	0	
B Locus (Brown) - b <sup>c</sup>	0	
B Locus (Brown) - b <sup>d</sup>	0	
B Locus (Brown) - b <sup>h</sup>	0	
B Locus (Brown) - b <sup>e</sup>	0	
B Locus (Brown) - b <sup>s</sup>	0	
<u>Brachycephaly</u>	BR/BR	Likely medium to long muzzle
<u>Chondrodysplasia (CDPA)</u>	No Result	No Result
<u>Co Locus (Cocoa, French Bulldog Type)</u>	CO/CO	Black coat, nose and foot pads (does not carry cocoa)
<u>Cu Locus (Curly Hair)</u>	Cu <sup>C</sup> /Cu <sup>C</sup>	Curly coat
<u>D Locus (Dilute)</u>	D/D	Non-dilute (does not carry dilute)
D Locus (Dilute) - d <sup>1</sup>	0	
D Locus (Dilute) - d <sup>2</sup>	0	
D Locus (Dilute) - d <sup>3</sup>	0	
<u>E Locus</u>	e <sup>1</sup> /e <sup>1</sup>	Yellow/Red
E Locus - E <sup>m</sup> (Melanistic Mask)	0	
E Locus - E <sup>g</sup> (Grizzle, Afghan Hound Type)	0	
E Locus - E <sup>h</sup> (Sable, Cocker Spaniel Type)	0	
E Locus - e <sup>A</sup> (Ancient Red, Spitz and Scent Hound Type)	0	
E Locus - e <sup>1</sup> (Yellow/Red)	2	
E Locus - e <sup>2</sup> (Cream, Australian Cattle Dog Type)	0	
E Locus - e <sup>3</sup> (White, Alaskan and Siberian Husky Type)	0	
<u>H Locus (Harlequin, Great Dane Type)</u>	h/h	No harlequin
<u>Hairlessness</u>	Rh/Rh	Coated
Hairlessness (American Hairless Terrier Type) - rh <sup>1</sup>	0	
Hairlessness (Scottish Deerhound Type) - rh <sup>2</sup>	0	
<u>Hr Locus (FOX13 Hairless Gene Test, Mexican Hairless, Peruvian Hairless and Chinese Crested Type)</u>	hr/hr	Coated
<u>I Locus (Intensity)</u>	I/I	Normal intensity

<u>Adult Paroxysmal Dyskinesia</u>	WT/WT	Normal (Clear)
<u>Afibrinogenemia (Dachshund Type)</u>	WT/WT	Normal (Clear)
<u>Alaskan Husky Encephalopathy</u>	WT/WT	Normal (Clear)
<u>Alaskan Malamute Polyneuropathy</u>	WT/WT	Normal (Clear)
<u>Amelogenesis Imperfecta (Italian Greyhound Type)</u>	WT/WT	Normal (Clear)
<u>Amelogenesis Imperfecta (Parson Russell Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Ataxia (Norwegian Buhund Type)</u>	WT/WT	Normal (Clear)
<u>Benign Familial Juvenile Epilepsy</u>	WT/WT	Normal (Clear)
<u>Bernard-Soulier Syndrome</u>	No Result	No Result
<u>Canine Multiple System Degeneration (Chinese Crested Type)</u>	WT/WT	Normal (Clear)
<u>Canine Multiple System Degeneration (Kerry Blue Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Canine Scott Syndrome</u>	WT/WT	Normal (Clear)
<u>Cardiomyopathy and Juvenile Mortality</u>	WT/WT	Normal (Clear)
<u>Catalase Deficiency</u>	WT/WT	Normal (Clear)
<u>Centronuclear Myopathy</u>	WT/WT	Normal (Clear)
<u>Cerebellar Ataxia (Finnish Hound Type)</u>	WT/WT	Normal (Clear)
<u>Cerebellar Ataxia 1 (Belgian Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Cerebellar Ataxia 2 (Belgian Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Cerebellar Cortical Degeneration</u>	WT/WT	Normal (Clear)
<u>Cerebellar Degeneration</u>	WT/WT	Normal (Clear)
<u>Charcot-Marie-Tooth Disease</u>	WT/WT	Normal (Clear)
<u>Chondrodysplasia (Karelian Bear Dog and Norwegian Elkhound Type)</u>	WT/WT	Normal (Clear)
<u>Cleft Palate and Syndactyly (Nova Scotia Duck Tolling Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Coagulation Factor VII Deficiency</u>	WT/WT	Normal (Clear)
<u>Collie Eye Anomaly</u>	No Result	No Result
<u>Complement 3 Deficiency</u>	WT/WT	Normal (Clear)
<u>Cone Degeneration</u>	No Result	No Result
<u>Cone Degeneration (German Shepherd Dog Type)</u>	WT/WT	Normal (Clear)

Degenerative Myelopathy (Bernese Mountain Dog Variant)	0	
Degenerative Myelopathy (Common Variant)	0	
<u>Degenerative Myelopathy Early-Onset Risk Modifier (Pembroke Welsh Corgi Type)</u>	WT/WT	Normal (Clear)
<u>Dental Hypomineralization</u>	WT/WT	Normal (Clear)
<u>Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis</u>	WT/WT	Normal (Clear)
<u>Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 1)</u>	WT/WT	Normal (Clear)
<u>Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 2)</u>	WT/WT	Normal (Clear)
<u>Dilated Cardiomyopathy (Schnauzer Type)</u>	WT/WT	Normal (Clear)
<u>Dry Eye Curly Coat Syndrome</u>	WT/WT	Normal (Clear)
<u>Dystrophic Epidermolysis Bullosa (Basset Hound Type)</u>	WT/WT	Normal (Clear)
<u>Dystrophic Epidermolysis Bullosa (Golden Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Early Onset Adult Deafness (Rhodesian Ridgeback Type)</u>	WT/WT	Normal (Clear)
<u>Early Retinal Degeneration</u>	WT/WT	Normal (Clear)
<u>Early-Onset Epilepsy (Parson Russell Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Ectodermal Dysplasia (Chesapeake Bay Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Ectodermal Dysplasia, X-Linked (Dachshund Type)</u>	WT/Y	X-Linked Male Normal
<u>Ectodermal Dysplasia, X-Linked (Shepherd Type)</u>	WT/Y	X-Linked Male Normal
<u>Ehlers-Danlos Syndrome</u>	WT/WT	Normal (Clear)
Ehlers-Danlos Syndrome (Variant 1)	0	
Ehlers-Danlos Syndrome (Variant 2)	0	
<u>Ehlers-Danlos Syndrome (Doberman Pinscher Type)</u>	WT/WT	Normal (Clear)
<u>Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 1</u>	WT/WT	Normal (Clear)
<u>Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 2</u>	WT/WT	Normal (Clear)
<u>Elliptocytosis</u>	WT/WT	Normal (Clear)
<u>Epidermolytic Hyperkeratosis</u>	WT/WT	Normal (Clear)
<u>Episodic Falling Syndrome</u>	No Result	No Result

<u>Hereditary Ataxia (Australian Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Cataracts (Australian Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Cataracts</u>	WT/WT	Normal (Clear)
<u>Hereditary Cataracts (Wirehaired Pointing Griffon Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Footpad Hyperkeratosis (Irish Terrier and Kromfohrländer Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Footpad Hyperkeratosis (Rottweiler Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Nasal Parakeratosis (Greyhound Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Nasal Parakeratosis (Labrador Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Hereditary Nephritis (Samoyed Type)</u>	WT/Y	X-Linked Male Normal
<u>Hyperuricosuria</u>	WT/WT	Normal (Clear)
<u>Hypomyelination (Weimaraner Type)</u>	WT/WT	Normal (Clear)
<u>Ichthyosis (American Bulldog Type)</u>	WT/WT	Normal (Clear)
<u>Ichthyosis (Golden Retriever Type 1)</u>	WT/WT	Normal (Clear)
<u>Ichthyosis (Golden Retriever Type 2)</u>	WT/WT	Normal (Clear)
<u>Ichthyosis (Great Dane Type)</u>	WT/WT	Normal (Clear)
<u>Ichthyosis (Jack Russell Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Inflammatory Myopathy (Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Inherited Myopathy of Great Danes</u>	WT/WT	Normal (Clear)
<u>Intervertebral Disc Disease Risk Factor and Chondrodystrophy (CDDY with IVDD)</u>	WT/M	At-Risk
<u>Intestinal Cobalamin Malabsorption (Beagle Type)</u>	WT/WT	Normal (Clear)
<u>Intestinal Cobalamin Malabsorption (Border Collie Type)</u>	WT/WT	Normal (Clear)
<u>Intestinal Cobalamin Malabsorption (Giant Schnauzer Type)</u>	WT/WT	Normal (Clear)
<u>Intestinal Lipid Malabsorption</u>	No Result	No Result
<u>Junctional Epidermolysis Bullosa (Australian Shepherd Type)</u>	WT/WT	Normal (Clear)
<u>Juvenile Laryngeal Paralysis and Polyneuropathy (Black Russian Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback Type)</u>	WT/WT	Normal (Clear)

<u>Musladin-Lueke Syndrome</u>	WT/WT	Normal (Clear)
<u>Myostatin Deficiency (Whippet Type)</u>	WT/WT	Normal (Clear)
<u>Myotonia Congenita (Australian Cattle Dog Type)</u>	WT/WT	Normal (Clear)
<u>Myotonia Congenita (Labrador Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Myotonia Congenita (Schnauzer Type)</u>	WT/WT	Normal (Clear)
<u>Myotubular Myopathy 1 (Boykin Spaniel Type)</u>	WT/Y	X-Linked Male Normal
<u>Myotubular Myopathy 1 (Labrador Retriever Type)</u>	WT/Y	X-Linked Male Normal
<u>Myotubular Myopathy 1 (Rottweiler Type)</u>	WT/Y	X-Linked Male Normal
<u>Narcolepsy (Dachshund Type)</u>	WT/WT	Normal (Clear)
<u>Narcolepsy (Doberman Pinscher Type)</u>	WT/WT	Normal (Clear)
<u>Narcolepsy (Labrador Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Neonatal Ataxia</u>	WT/WT	Normal (Clear)
<u>Neonatal Cerebellar Cortical Degeneration</u>	WT/WT	Normal (Clear)
<u>Neonatal Encephalopathy with Seizures</u>	WT/WT	Normal (Clear)
<u>Neuroaxonal Dystrophy (Giant Schnauzer Type)</u>	WT/WT	Normal (Clear)
<u>Neuroaxonal Dystrophy (Papillon Type)</u>	WT/WT	Normal (Clear)
<u>Neuroaxonal Dystrophy (Rottweiler Type)</u>	WT/WT	Normal (Clear)
<u>Neuroaxonal Dystrophy (Spanish Water Dog Type)</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis (Tibetan Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 1 (Cane Corso Type)</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 1</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 10</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 12</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 2</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 4A</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type)</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 5 (Herding Dog Type)</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 6</u>	WT/WT	Normal (Clear)
<u>Neuronal Ceroid Lipofuscinosis 7</u>	WT/WT	Normal (Clear)

<u>Primary Open Angle Glaucoma</u>	WT/WT	Normal (Clear)
<u>Primary Open Angle Glaucoma (Norwegian Elkhound Type)</u>	WT/WT	Normal (Clear)
<u>Primary Open Angle Glaucoma and Primary Lens Luxation (Shar Pei Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Basenji Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Bullmastiff/Mastiff Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Giant Schnauzer Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Irish Setter Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Shetland Sheepdog Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy (Sloughi Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Cone-Rod Dystrophy (Dachshund Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Cone-Rod Dystrophy 1 (American Staffordshire Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Cone-Rod Dystrophy 2 (American Staffordshire Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Cone-Rod Dystrophy 3 (Glen of Imaal Terrier Type)</u>	No Result	No Result
<u>Progressive Retinal Atrophy, Cone-Rod Dystrophy 4</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Early Onset (Spanish Water Dog Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Early-Onset (Portuguese Water Dog Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Generalized (Schapendoes Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Golden Retriever 1</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Golden Retriever 2</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Late-Onset (Lapponian Herder Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, PRA1 (Papillon Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, PRA3 (Tibetan Terrier and Spaniel Type)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration (prcd)</u>	WT/WT	Normal (Clear)
<u>Progressive Retinal Atrophy, Rod-Cone Dysplasia 3</u>	WT/WT	Normal (Clear)

<u>Spondylocostal Dysostosis</u>	WT/WT	Normal (Clear)
<u>Stargardt Disease</u>	WT/WT	Normal (Clear)
<u>Startle Disease</u>	No Result	No Result
<u>Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Thrombopathia (American Eskimo Dog Type)</u>	WT/WT	Normal (Clear)
<u>Thrombopathia (Basset Hound Type)</u>	WT/WT	Normal (Clear)
<u>Thrombopathia (Newfoundland Type)</u>	WT/WT	Normal (Clear)
<u>Trapped Neutrophil Syndrome</u>	WT/WT	Normal (Clear)
<u>Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 1)</u>	WT/WT	Normal (Clear)
<u>Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 2)</u>	WT/WT	Normal (Clear)
<u>Urolithiasis (Native American Indian Dog Type)</u>	WT/WT	Normal (Clear)
<u>Van Den Ende-Gupta Syndrome</u>	WT/WT	Normal (Clear)
<u>Von Willebrand Disease I</u>	WT/WT	Normal (Clear)
<u>Von Willebrand Disease II</u>	WT/WT	Normal (Clear)
<u>Von Willebrand Disease III (Kooikerhondje Type)</u>	WT/WT	Normal (Clear)
<u>Von Willebrand Disease III (Scottish Terrier Type)</u>	WT/WT	Normal (Clear)
<u>Von Willebrand Disease III (Shetland Sheepdog Type)</u>	WT/WT	Normal (Clear)

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



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