



Her health results

We screened 245 genetic health risks and found **1** result you should learn about.

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2-DHA Kidney & Bladder Stones

(APRT)

Identified in American Indian Dogs

✓ Clear

Acral Mutilation Syndrome

(GDNF-AS, Spaniel and Pointer Variant)

Identified in Cocker Spaniels, English Cocker Spaniels, and more

✓ Clear

Alaskan Husky Encephalopathy

(SLC19A3)

✓ Clear

Alaskan Malamute Polyneuropathy, AMPN

(NDRG1 SNP)

Identified in Alaskan Malamutes

✓ Clear

Alexander Disease

(GFAP)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear**ALT Activity**

(GPT)

 Clear**Anhidrotic Ectodermal Dysplasia**

(EDA Intron 8)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more

 Clear**Autosomal Dominant Progressive Retinal Atrophy**

(RHO)

Identified in Bullmastiffs and Mastiffs

 Clear**Bald Thigh Syndrome**

(IGFBP5)

Identified in Greyhounds

 Clear**Bernard-Soulier Syndrome, BSS**

(GP9, Cocker Spaniel Variant)

Identified in Cocker Spaniels, English Cocker Spaniels, and more

 Clear**Bully Whippet Syndrome**

(MSTN)

Identified in Whippets

 Clear**Canine Elliptocytosis**

(SPTB Exon 30)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Canine Fucosidosis**(FUCA1)**

Identified in English Springer Spaniels

**Canine Leukocyte Adhesion Deficiency Type I, CLAD I****(ITGB2, Setter Variant)**

Identified in Irish Red and White Setters and Irish Setters

**Canine Leukocyte Adhesion Deficiency Type III, CLAD III****(FERMT3, German Shepherd Variant)**

Identified in Berger Blanc Suisse, Czechoslovakian Vlcs, and more

**Canine Multifocal Retinopathy, cmr1****(BEST1 Exon 2)**

Identified in American Bullies, Australian Shepherds, and more

**Canine Multifocal Retinopathy, cmr2****(BEST1 Exon 5, Coton de Tulear Variant)**

Identified in Coton de Tulears

**Canine Multifocal Retinopathy, cmr3****(BEST1 Exon 10 Deletion, Finnish and Swedish Lapphund, Lapponian Herder Variant)**

Identified in Finnish Lapphunds, Lapponian Herders, and more

**Canine Multiple System Degeneration****(SERAC1 Exon 4, Chinese Crested Variant)**

Identified in Chinese Cresteds

**Canine Multiple System Degeneration****(SERAC1 Exon 15, Kerry Blue Terrier Variant)**

Identified in Kerry Blue Terriers



Cardiomyopathy and Juvenile Mortality

(YARS2)

Identified in Belgian Laekenois, Belgian Malinois, and more

 Clear

Centronuclear Myopathy, CNM

(PTPLA)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Cerebellar Hypoplasia

(VLDLR, Eurasier Variant)

Identified in Eurasiers

 Clear

Chondrodysplasia

(ITGA10, Norwegian Elkhound and Karelian Bear Dog Variant)

Identified in Norwegian Elkhounds, Karelian Bear Dogs, and more

 Clear

Cleft Lip and/or Cleft Palate

(ADAMTS20, Nova Scotia Duck Tolling Retriever Variant)

Identified in Nova Scotia Duck Tolling Retrievers

 Clear

Cleft Palate, CP1

(DLX6 intron 2, Nova Scotia Duck Tolling Retriever Variant)

Identified in Nova Scotia Duck Tolling Retrievers

 Clear

Cobalamin Malabsorption

(CUBN Exon 8, Beagle Variant)

Identified in Beagles

 Clear

Cobalamin Malabsorption

(CUBN Exon 53, Border Collie Variant)

Identified in Border Collies, Australian Kelpies, and more

 Clear

Collie Eye Anomaly

(NHEJ1)

Identified in Australian Cattle Dogs, Australian Shepherds, and more



Complement 3 Deficiency, C3 Deficiency

(C3)

Identified in Brittannys



Congenital Hypothyroidism

(TPO, Rat, Toy, Hairless Terrier Variant)

Identified in American Hairless Terriers, Wire Fox Terriers, and more



Congenital Hypothyroidism

(TPO, Tenterfield Terrier Variant)

Identified in Tenterfield Terriers



Congenital Hypothyroidism with Goiter

(SLC5A5, Shih Tzu Variant)

Identified in Shih Tzus



Congenital Macrothrombocytopenia

(TUBB1 Exon 1, Cairn and Norfolk Terrier Variant)

Identified in Cairn Terriers, Norfolk Terriers, and more



Congenital Myasthenic Syndrome, CMS

(COLQ, Golden Retriever Variant)

Identified in Golden Retrievers



Congenital Myasthenic Syndrome, CMS

(CHRNE, Jack Russell Terrier Variant)

Identified in Russell Terriers, Russell-type Terriers, and more



Congenital Myasthenic Syndrome, CMS**(COLQ, Labrador Retriever Variant)**

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear**Congenital Myasthenic Syndrome, CMS****(CHAT, Old Danish Pointing Dog Variant)**

Identified in Old Danish Pointing Dogs

 Clear**Congenital Stationary Night Blindness****(LRIT3, Beagle Variant)**

Identified in Beagles

 Clear**Congenital Stationary Night Blindness****(RPE65, Briard Variant)**

Identified in Briards

 Clear**Craniomandibular Osteopathy, CMO****(SLC37A2)**

Identified in Australian Shepherds, Cairn Terriers, and more

 Clear**Cystinuria Type I-A****(SLC3A1, Newfoundland Variant)**

Identified in Landseers and Newfoundlands

 Clear**Cystinuria Type II-A****(SLC3A1, Australian Cattle Dog Variant)**

Identified in Australian Cattle Dogs, Australian Kelpies, and more

 Clear**Cystinuria Type II-B****(SLC7A9, Miniature Pinscher Variant)**

Identified in Miniature Pinschers

 Clear

Day Blindness

(CNGA3 Exon 7, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

✓ Clear

Day Blindness

(CNGA3 Exon 7, German Shepherd Variant)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more

✓ Clear

Day Blindness

(CNGB3 Exon 6, German Shorthaired Pointer Variant)

Identified in German Shorthaired Pointers and Pointers

✓ Clear

Day Blindness

(CNGB3 Deletion, Alaskan Malamute Variant)

Identified in Alaskan Malamutes, Australian Shepherds, and more

✓ Clear

Deafness and Vestibular Syndrome of Dobermans, DVDob, DINGS

(MYO7A)

Identified in Doberman Pinschers

✓ Clear

Degenerative Myelopathy, DM

(SOD1A)

Identified in Bernese Mountain Dogs and Standard Poodles

– Notable

Breed-relevant

Demyelinating Polyneuropathy

(SBF2/MTRM13)

Identified in Miniature Schnauzers

✓ Clear

Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis

(INPP5E Intron 9, Norwich Terrier Variant)

Identified in Norwich Terriers

✓ Clear

Dilated Cardiomyopathy, DCM

(RBM20, Schnauzer Variant)

Identified in Giant Schnauzers and Standard Schnauzers

**Dilated Cardiomyopathy, DCM1**

(PDK4, Doberman Pinscher Variant 1)

Identified in Doberman Pinschers

**Dilated Cardiomyopathy, DCM2**

(TTN, Doberman Pinscher Variant 2)

Identified in Doberman Pinschers

**Dry Eye Curly Coat Syndrome**

(FAM83H Exon 5)

Identified in Cavalier King Charles Spaniels and English Toy Spaniels

**Dystrophic Epidermolysis Bullosa**

(COL7A1, Central Asian Shepherd Dog Variant)

Identified in Central Asian Shepherd Dogs

**Dystrophic Epidermolysis Bullosa**

(COL7A1, Golden Retriever Variant)

Identified in Golden Retrievers

**Early Bilateral Deafness**

(LOXHD1 Exon 38, Rottweiler Variant)

Identified in Rottweilers

**Early Onset Adult Deafness, EOAD**

(EPS8L2 Deletion, Rhodesian Ridgeback Variant)

Identified in Rhodesian Ridgebacks



Early Onset Cerebellar Ataxia

(SEL1L, Finnish Hound Variant)

Identified in Finnish Hounds and Norrbottenspitzes



Ehlers Danlos

(ADAMTS2, Doberman Pinscher Variant)

Identified in Doberman Pinschers



Enamel Hypoplasia

(ENAM SNP, Parson Russell Terrier Variant)

Identified in Parson Russell Terriers and Russell-type Terriers



Enamel Hypoplasia

(ENAM Deletion, Italian Greyhound Variant)

Identified in Italian Greyhounds



Episodic Falling Syndrome

(BCAN)

Identified in Cavalier King Charles Spaniels and English Toy Spaniels



Exercise-Induced Collapse, EIC

(DNM1)

Identified in Bouvier des Flandres, Boykin Spaniels, and more



Factor VII Deficiency

(F7 Exon 5)

Identified in Airedale Terriers, Alaskan Malamutes, and more



Factor XI Deficiency

(F11 Exon 7, Kerry Blue Terrier Variant)

Identified in Kerry Blue Terriers



Familial Nephropathy

(COL4A4 Exon 3, Cocker Spaniel Variant)

Identified in Cocker Spaniels, English Cocker Spaniels, and more

 Clear

Familial Nephropathy

(COL4A4 Exon 30, English Springer Spaniel Variant)

Identified in English Springer Spaniels

 Clear

Fanconi Syndrome

(FAN1, Basenji Variant)

Identified in Basenjis

 Clear

Fetal-Onset Neonatal Neuroaxonal Dystrophy

(MFN2, Giant Schnauzer Variant)

Identified in Giant Schnauzers

 Clear

Glanzmann's Thrombasthenia Type I

(ITGA2B Exon 12, Otterhound Variant)

Identified in Otterhounds

 Clear

Glanzmann's Thrombasthenia Type I

(ITGA2B Exon 13, Great Pyrenees Variant)

Identified in Great Pyrenees

 Clear

Globoid Cell Leukodystrophy, Krabbe disease

(GALC Exon 5, Terrier Variant)

Identified in Cairn Terriers and West Highland White Terriers

 Clear

Glycogen Storage Disease Type IA, Von Gierke Disease, GSD IA

(G6PC, Maltese Variant)

Identified in Malteses

 Clear

Glycogen Storage Disease Type IIIA, GSD IIIA

(AGL, Curly Coated Retriever Variant)

Identified in Curly-Coated Retrievers

**Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK****Deficiency**

(PFKM, Wachtelhund Variant)

Identified in Deutscher Wachtelhunds

**Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK****Deficiency**

(PFKM, Whippet and English Springer Spaniel Variant)

Identified in Boykin Spaniels, Cocker Spaniels, and more

**GM1 Gangliosidosis**

(GLB1 Exon 2, Portuguese Water Dog Variant)

Identified in Portuguese Water Dogs

**GM1 Gangliosidosis**

(GLB1 Exon 15, Alaskan Husky Variant)

Identified in Siberian Huskies

**GM1 Gangliosidosis**

(GLB1 Exon 15, Shiba Inu Variant)

Identified in Shiba Inus

**GM2 Gangliosidosis**

(HEXA, Japanese Chin Variant)

Identified in Japanese Chins



GM2 Gangliosidosis

(HEXB, Poodle Variant)

Identified in Standard Poodles



Clear

Breed-relevant

Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1

(SLC4A3)

Identified in Golden Retrievers and Lhasa Apsos



Clear

Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2

(TTC8)

Identified in English Labrador Retrievers, Golden Retrievers, and more



Clear

Goniodysgenesis and Glaucoma, Pectinate Ligament Dysplasia, PLD

(OLFM3)

Identified in Border Collies



Clear

Hemophilia A

(F8 Exon 1, German Shepherd Variant 2)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more



Clear

Hemophilia A

(F8 Exon 11, German Shepherd Variant 1)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more



Clear

Hemophilia A

(F8 Exon 10, Boxer Variant)

Identified in Boxers



Clear

Hemophilia B

(F9 Exon 7, Rhodesian Ridgeback Variant)

Identified in Rhodesian Ridgebacks



Clear

Hemophilia B

(F9 Exon 7, Terrier Variant)

Identified in Cairn Terriers



Hereditary Ataxia, Cerebellar Degeneration

(RAB24, Old English Sheepdog and Gordon Setter Variant)

Identified in Gordon Setters and Old English Sheepdogs



Hereditary Cataracts

(HSF4 Exon 9, Australian Shepherd Variant)

Identified in Australian Shepherds and Miniature/MAS-type Australian Shepherds



Hereditary Footpad Hyperkeratosis

(DSG1, Rottweiler Variant)

Identified in Rottweilers



Hereditary Footpad Hyperkeratosis

(FAM83G, Terrier and Kromfohrlander Variant)

Identified in Bedlington Terriers, Irish Terriers, and more



Hereditary Nasal Parakeratosis

(SUV39H2 Intron 4, Greyhound Variant)

Identified in Greyhounds



Hereditary Nasal Parakeratosis, HNPK

(SUV39H2)

Identified in English Labrador Retrievers and Labrador Retrievers



Hereditary Vitamin D-Resistant Rickets

(VDR)

Identified in Pomeranians



Hypocatalasia, Acatalasemia

(CAT)

Identified in Beagles



Hypomyelination and Tremors

(FNIP2, Weimaraner Variant)

Identified in Weimaraners



Hypophosphatasia

(ALPL Exon 9, Karelian Bear Dog Variant)

Identified in Karelian Bear Dogs



Ichthyosis

(NIPAL4, American Bulldog Variant)

Identified in American Bullies, Alapaha Blue Blood Bulldogs, and more



Ichthyosis

(SLC27A4, Great Dane Variant)

Identified in Great Danes



Ichthyosis, Epidermolytic Hyperkeratosis

(KRT10, Terrier Variant)

Identified in Norfolk Terriers and Lucas Terriers



Ichthyosis, ICH1

(PNPLA1, Golden Retriever Variant)

Identified in Golden Retrievers



Inflammatory Myopathy

(SLC25A12)

Identified in Dutch Shepherds



Inherited Myopathy of Great Danes

(BIN1)

Identified in Great Danes

 Clear

Inherited Selected Cobalamin Malabsorption with Proteinuria

(CUBN, Komondor Variant)

Identified in Komondors

 Clear

Intervertebral Disc Disease (Type I)

(FGF4 retrogene - CFA12)

Identified in Standard Poodles

 Clear

Breed-relevant

Junctional Epidermolysis Bullosa

(LAMA3 Exon 66, Australian Cattle Dog Variant)

Identified in Australian Cattle Dogs, Australian Kelpies, and more

 Clear

Junctional Epidermolysis Bullosa

(LAMB3 Exon 11, Australian Shepherd Variant)

Identified in Australian Shepherds

 Clear

Juvenile Epilepsy

(LGI2)

Identified in Lagotto Romagnolos

 Clear

Juvenile Laryngeal Paralysis and Polyneuropathy

(RAB3GAP1, Rottweiler Variant)

Identified in Black Russian Terriers and Rottweilers

 Clear

Juvenile Myoclonic Epilepsy

(DIRAS1)

Identified in Rhodesian Ridgebacks

 Clear

L-2-Hydroxyglutaricaciduria, L2HGA

(L2HGDH, Staffordshire Bull Terrier Variant)

Identified in American Bullies, American Pit Bull Terriers, and more

**Lagotto Storage Disease**

(ATG4D)

Identified in Lagotto Romagnolos

**Laryngeal Paralysis**

(RAPGEF6, Miniature Bull Terrier Variant)

Identified in Bull Terriers and Miniature Bull Terriers

**Late Onset Spinocerebellar Ataxia**

(CAPN1)

Identified in Jack Russell Terriers, Parson Russell Terriers, and more

**Late-Onset Neuronal Ceroid Lipofuscinosis, NCL 12**

(ATP13A2, Australian Cattle Dog Variant)

Identified in Australian Cattle Dogs, Australian Kelpies, and more

**Leonberger Polyneuropathy 1**

(LPN1, ARHGEF10)

Identified in Leonbergers and Saint Bernards

**Leonberger Polyneuropathy 2**

(GJA9)

Identified in Leonbergers

**Lethal Acrodermatitis, LAD**

(MKLN1)

Identified in Bull Terriers and Miniature Bull Terriers



Leukodystrophy

(TSEN54 Exon 5, Standard Schnauzer Variant)

Identified in Standard Schnauzers



Ligneous Membranitis, LM

(PLG)

Identified in Scottish Terriers



Limb Girdle Muscular Dystrophy

(SGCD, Boston Terrier Variant)

Identified in Boston Terriers



Limb-Girdle Muscular Dystrophy 2D

(SGCA Exon 3, Miniature Dachshund Variant)

Identified in Miniature Dachshunds and Dachshunds



Long QT Syndrome

(KCNQ1)

Identified in English Springer Spaniels



Lundehund Syndrome

(LEPREL1)

Identified in Norwegian Lundehunds



Macular Corneal Dystrophy, MCD

(CHST6)

Identified in English Labrador Retrievers and Labrador Retrievers



Malignant Hyperthermia

(RYR1)

Identified in Greyhounds and Hungarian Greyhounds



May-Hegglin Anomaly

(MYH9)

Identified in Pugs



MDR1 Drug Sensitivity

(ABCB1)

Identified in Australian Cattle Dogs, Australian Shepherds, and more



Methemoglobinemia

(CYB5R3)

Identified in Pomeranians



Microphthalmia

(RBP4 Exon 2, Soft Coated Wheaten Terrier Variant)

Identified in Soft Coated Wheaten Terriers



Mucopolysaccharidosis IIIB, Sanfilippo Syndrome Type B, MPS IIIB

(NAGLU, Schipperke Variant)

Identified in Schipperkes



Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA

(SGSH Exon 6, New Zealand Huntaway Variant)

Identified in New Zealand Huntaways



Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA

(SGSH Exon 6, Dachshund Variant)

Identified in Dachshunds and Miniature Dachshunds



Mucopolysaccharidosis Type VI, Maroteaux-Lamy Syndrome, MPS VI

(ARSB Exon 5, Miniature Pinscher Variant)

Identified in Miniature Pinschers



Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII

(GUSB Exon 3, German Shepherd Variant)

Identified in Belgian Laekenois, Belgian Malinois, and more

 Clear**Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII**

(GUSB Exon 5, Terrier Brasileiro Variant)

Identified in Terrier Brasileiros

 Clear**Muscular Dystrophy**

(DMD, Golden Retriever Variant)

Identified in Golden Retrievers

 Clear**Muscular Dystrophy**

(DMD, Cavalier King Charles Spaniel Variant 1)

Identified in Cavalier King Charles Spaniels and English Toy Spaniels

 Clear**Musladin-Lueke Syndrome, MLS**

(ADAMTSL2)

Identified in Beagles

 Clear**Myasthenia Gravis-Like Syndrome**

(CHRNE, Heideterrier Variant)

Identified in Heideterriers

 Clear**Myotonia Congenita**

(CLCN1 Exon 23, Australian Cattle Dog Variant)

Identified in Australian Cattle Dogs, Border Collies, and more

 Clear**Myotonia Congenita**

(CLCN1 Exon 7, Miniature Schnauzer Variant)

Identified in Miniature Schnauzers and Standard Schnauzers

 Clear

Narcolepsy

(HCRT2 Exon 1, Dachshund Variant)

Identified in Dachshunds and Miniature Dachshunds

 Clear

Narcolepsy

(HCRT2 Intron 6, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Narcolepsy

(HCRT2 Intron 4, Doberman Pinscher Variant)

Identified in Doberman Pinschers

 Clear

Nemaline Myopathy

(NEB, American Bulldog Variant)

Identified in American Bullies, Alapaha Blue Blood Bulldogs, and more

 Clear

Neonatal Cerebellar Cortical Degeneration

(SPTBN2, Beagle Variant)

Identified in Beagles

 Clear

Neonatal Encephalopathy with Seizures, NEWS

(ATF2)

Identified in Standard Poodles

 Clear

Breed-relevant

Neonatal Interstitial Lung Disease

(LAMP3)

Identified in Airedale Terriers

 Clear

Neuroaxonal Dystrophy, NAD

(VPS11, Rottweiler Variant)

Identified in Rottweilers

 Clear

Neuroaxonal Dystrophy, NAD

(TECPR2, Spanish Water Dog Variant)

Identified in Spanish Water Dogs

**Neuronal Ceroid Lipofuscinosis 1, NCL 1**

(PPT1 Exon 8, Dachshund Variant 1)

Identified in Dachshunds and Miniature Dachshunds

**Neuronal Ceroid Lipofuscinosis 10, NCL 10**

(CTSD Exon 5, American Bulldog Variant)

Identified in American Bullies, Alapaha Blue Blood Bulldogs, and more

**Neuronal Ceroid Lipofuscinosis 2, NCL 2**

(TPP1 Exon 4, Dachshund Variant 2)

Identified in Dachshunds and Miniature Dachshunds

**Neuronal Ceroid Lipofuscinosis 5, NCL 5**

(CLN5 Exon 4 Deletion, Golden Retriever Variant)

Identified in Golden Retrievers

**Neuronal Ceroid Lipofuscinosis 5, NCL 5**

(CLN5 Exon 4 SNP, Border Collie Variant)

Identified in Australian Cattle Dogs, Border Collies, and more

**Neuronal Ceroid Lipofuscinosis 6, NCL 6**

(CLN6 Exon 7, Australian Shepherd Variant)

Identified in Australian Shepherds and Miniature/MAS-type Australian Shepherds

**Neuronal Ceroid Lipofuscinosis 7, NCL 7**

(MFSD8, Chihuahua and Chinese Crested Variant)

Identified in Chihuahuas and Chinese Cresteds



Neuronal Ceroid Lipofuscinosis 8, NCL 8

(CLN8 Insertion, Saluki Variant)

Identified in Salukis

 Clear**Neuronal Ceroid Lipofuscinosis 8, NCL 8**

(CLN8, Australian Shepherd Variant)

Identified in Australian Cattle Dogs, Australian Shepherds, and more

 Clear**Neuronal Ceroid Lipofuscinosis 8, NCL 8**

(CLN8 Exon 2, English Setter Variant)

Identified in English Setters, Gordon Setters, and more

 Clear**Neuronal Ceroid Lipofuscinosis, Cerebellar Ataxia, NCL4A**

(ARSG Exon 2, American Staffordshire Terrier Variant)

Identified in American Bullies, American Pit Bull Terriers, and more

 Clear**Oculocutaneous Albinism, OCA**

(SLC45A2, Small Breed Variant)

Identified in Lhasa Apsos, Pekingese, and more

 Clear**Oculoskeletal Dysplasia 2**

(COL9A2, Samoyed Variant)

Identified in Samoyeds

 Clear**Osteochondrodysplasia**

(SLC13A1, Poodle Variant)

Identified in Standard Poodles

 Clear

Breed-relevant

Osteogenesis Imperfecta

(COL1A1, Golden Retriever Variant)

Identified in Golden Retrievers

 Clear

Osteogenesis Imperfecta

(SERPINH1, Dachshund Variant)

Identified in Dachshunds and Miniature Dachshunds

**Osteogenesis Imperfecta**

(COL1A2, Beagle Variant)

Identified in Beagles

**P2Y12 Receptor Platelet Disorder**

(P2Y12)

Identified in Greater Swiss Mountain Dogs

**Pachyonychia Congenita**

(KRT16, Dogue de Bordeaux Variant)

Identified in Dogue de Bordeaux

**Paroxysmal Dyskinesia, PxD**

(PIGN)

Identified in Soft Coated Wheaten Terriers

**Persistent Mullerian Duct Syndrome, PMDS**

(AMHR2)

Identified in Miniature Schnauzers and Standard Schnauzers

**Pituitary Dwarfism**

(POU1F1 Intron 4, Karelian Bear Dog Variant)

Identified in Karelian Bear Dogs

**Platelet Factor X Receptor Deficiency, Scott Syndrome**

(TMEM16F)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more



Polycystic Kidney Disease, PKD

(PKD1)

Identified in Bull Terriers



Pompe's Disease

(GAA, Finnish and Swedish Lapphund, Lapponian Herder Variant)

Identified in Finnish Lapphunds, Lapponian Herders, and more



Prekallikrein Deficiency

(KLKB1 Exon 8)

Identified in Shih Tzus



Primary Ciliary Dyskinesia, PCD

(NME5, Alaskan Malamute Variant)

Identified in Alaskan Malamutes



Primary Ciliary Dyskinesia, PCD

(CCDC39 Exon 3, Old English Sheepdog Variant)

Identified in Old English Sheepdogs



Primary Hyperoxaluria

(AGXT)

Identified in Coton de Tulears



Primary Lens Luxation

(ADAMTS17)

Identified in American Eskimo Dogs, American Hairless Terriers, and more



Primary Open Angle Glaucoma

(ADAMTS17 Exon 11, Basset Fauve de Bretagne Variant)

Identified in Basset Fauve de Breagnes



Primary Open Angle Glaucoma

(ADAMTS10 Exon 17, Beagle Variant)

Identified in Beagles

**Primary Open Angle Glaucoma**

(ADAMTS10 Exon 9, Norwegian Elkhound Variant)

Identified in Norwegian Elkhounds

**Primary Open Angle Glaucoma and Primary Lens Luxation**

(ADAMTS17 Exon 2, Chinese Shar-Pei Variant)

Identified in Chinese Shar-Peis

**Progressive Retinal Atrophy**

(IFT122 Exon 26, Lapponian Herder Variant)

Identified in Lapponian Herders

**Progressive Retinal Atrophy**

(SAG)

Identified in Basenjis

**Progressive Retinal Atrophy, Bardet-Biedl Syndrome**

(BBS2 Exon 11, Shetland Sheepdog Variant)

Identified in Shetland Sheepdogs

**Progressive Retinal Atrophy, CNGA**

(CNGA1 Exon 9)

Identified in Shetland Sheepdogs

**Progressive Retinal Atrophy, crd1**

(PDE6B, American Staffordshire Terrier Variant)

Identified in American Bullies, American Pit Bull Terriers, and more



Progressive Retinal Atrophy, crd4/cord1

(RPGRIPI)

Identified in Beagles, Boykin Spaniels, and more

 Clear**Progressive Retinal Atrophy, PRA1**

(CNGB1)

Identified in Papillons

 Clear**Progressive Retinal Atrophy, PRA3**

(FAM161A)

Identified in Tibetan Spaniels and Tibetan Terriers

 Clear**Progressive Retinal Atrophy, prcd**

(PRCD Exon 1)

Identified in Standard Poodles

 Clear

Breed-relevant

Progressive Retinal Atrophy, rcd1

(PDE6B Exon 21, Irish Setter Variant)

Identified in Irish Red and White Setters and Irish Setters

 Clear**Progressive Retinal Atrophy, rcd3**

(PDE6A)

Identified in Cardigan Welsh Corgis, Chinese Cresteds, and more

 Clear**Proportionate Dwarfism**

(GH1 Exon 5, Chihuahua Variant)

 Clear**Protein Losing Nephropathy, PLN**

(NPHS1)

Identified in Airedale Terriers and Soft Coated Wheaten Terriers

 Clear

Pyruvate Dehydrogenase Deficiency

(PDP1, Spaniel Variant)

Identified in Clumber Spaniels and Sussex Spaniels

 Clear

Pyruvate Kinase Deficiency

(PKLR Exon 10, Terrier Variant)

Identified in Cairn Terriers and West Highland White Terriers

 Clear

Pyruvate Kinase Deficiency

(PKLR Exon 7, Beagle Variant)

Identified in Beagles

 Clear

Pyruvate Kinase Deficiency

(PKLR Exon 7, Pug Variant)

Identified in Pugs

 Clear

Pyruvate Kinase Deficiency

(PKLR Exon 7, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Pyruvate Kinase Deficiency

(PKLR Exon 5, Basenji Variant)

Identified in Basenjis

 Clear

Raine Syndrome

(FAM20C)

Identified in Border Collies

 Clear

Recurrent Inflammatory Pulmonary Disease, RIPD

(AKNA, Rough Collie Variant)

Identified in Collies

 Clear

Renal Cystadenocarcinoma and Nodular Dermatofibrosis

(FLCN Exon 7)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcs, and more

**Retina Dysplasia and/or Optic Nerve Hypoplasia**

(SIX6 Exon 1, Golden Retriever Variant)

Identified in Golden Retrievers

**Sensory Neuropathy**

(FAM134B, Border Collie Variant)

Identified in Border Collies

**Severe Combined Immunodeficiency, SCID**

(RAG1, Wetterhoun Variant)

Identified in Wetterhouns

**Severe Combined Immunodeficiency, SCID**

(PRKDC, Terrier Variant)

Identified in Jack Russell Terriers, Parson Russell Terriers, and more

**Shaking Puppy Syndrome**

(PLP1, English Springer Spaniel Variant)

Identified in English Springer Spaniels

**Shar-Pei Autoinflammatory Disease, SPAID, Shar-Pei Fever**

(MTBP)

Identified in Chinese Shar-Peis

**Skeletal Dysplasia 2, SD2**

(COL11A2, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers



Skin Fragility Syndrome

(PKP1, Chesapeake Bay Retriever Variant)

Identified in Chesapeake Bay Retrievers

 Clear

Spinocerebellar Ataxia

(SCN8A, Alpine Dachsbracke Variant)

Identified in Alpine Dachsbrackes

 Clear

Spinocerebellar Ataxia with Myokymia and/or Seizures

(KCNJ10)

Identified in Basenjis, Chihuahuas, and more

 Clear

Spongy Degeneration with Cerebellar Ataxia 1

(KCNJ10)

Identified in Belgian Laekenois, Belgian Malinois, and more

 Clear

Spongy Degeneration with Cerebellar Ataxia 2

(ATP1B2)

Identified in Belgian Laekenois, Belgian Malinois, and more

 Clear

Stargardt Disease

(ABCA4 Exon 28, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers

 Clear

Succinic Semialdehyde Dehydrogenase Deficiency

(ALDH5A1 Exon 7, Saluki Variant)

Identified in Salukis

 Clear

Thrombopathia

(RASGRP1 Exon 5, American Eskimo Dog Variant)

Identified in American Eskimo Dogs

 Clear

Thrombopathia

(RASGRP1 Exon 8, Landseer Variant)

Identified in Landseers and Newfoundlands

 Clear

Thrombopathia

(RASGRP1 Exon 5, Basset Hound Variant)

Identified in Basset Hounds

 Clear

Trapped Neutrophil Syndrome, TNS

(VPS13B)

Identified in Border Collies, English Shepherds, and more

 Clear

Ullrich-like Congenital Muscular Dystrophy

(COL6A1 Exon 3, Landseer Variant)

Identified in Landseers and Newfoundlands

 Clear

Ullrich-like Congenital Muscular Dystrophy

(COL6A3 Exon 10, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Unilateral Deafness and Vestibular Syndrome

(PTPRQ Exon 39, Doberman Pinscher)

Identified in Doberman Pinschers

 Clear

Urate Kidney & Bladder Stones

(SLC2A9)

Identified in American Bullies, American Pit Bull Terriers, and more

 Clear

Von Willebrand Disease Type I, Type I vWD

(VWF)

Identified in Bernese Mountain Dogs and Standard Poodles

 Clear

Breed-relevant

Von Willebrand Disease Type II, Type II vWD

(VWF, Pointer Variant)

Identified in German Longhaired Pointers, German Shorthaired Pointers, and more

 Clear**Von Willebrand Disease Type III, Type III vWD**

(VWF Intron 16, Nederlandse Kooikerhondje Variant)

Identified in Nederlandse Kooikerhondjes

 Clear**Von Willebrand Disease Type III, Type III vWD**

(VWF Exon 7, Shetland Sheepdog Variant)

Identified in Shetland Sheepdogs

 Clear**Von Willebrand Disease Type III, Type III vWD**

(VWF Exon 4, Terrier Variant)

Identified in Cesky Terriers and Scottish Terriers

 Clear**X-Linked Hereditary Nephropathy, XLHN**

(COL4A5 Exon 35, Samoyed Variant 2)

Identified in Samoyeds

 Clear**X-Linked Myotubular Myopathy**

(MTM1, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear**X-Linked Progressive Retinal Atrophy 1, XL-PRA1**

(RPGR)

Identified in Samoyeds and Siberian Huskies

 Clear**X-linked Severe Combined Immunodeficiency, X-SCID**

(IL2RG, Corgi Variant)

Identified in Cardigan Welsh Corgis and Pembroke Welsh Corgis

 Clear

X-linked Severe Combined Immunodeficiency, X-SCID

(IL2RG Exon 1, Basset Hound Variant)

Identified in Basset Hounds

 Clear

β-Mannosidosis

(MANBA Exon 16, Mixed-Breed Variant)

Identified in Mixed-breed dogs

 Clear

Collapse results ^



Her genetic diversity

Coefficient of inbreeding (COI): 1%



Understanding Grizzly's health results