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Her health results

We screened 274 genetic health risks and found **1** result you should learn about.

↑↓ Sort: A-Z



2-DHA Kidney & Bladder Stones

(APRT)

Identified in American Indian Dogs



Acral Mutilation Syndrome

(GDNF-AS, Spaniel and Pointer Variant)

Identified in Cocker Spaniels, English Cocker Spaniels, and more



Alaskan Husky Encephalopathy

(SLC19A3)



Alaskan Malamute Polyneuropathy, AMPN

(NDRG1 SNP)

Identified in Alaskan Malamutes



Alexander Disease

(GFAP)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

ALT Activity

(GPT)

 Notable

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

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

Collie Eye Anomaly

(NHEJ1)

Identified in Australian Cattle Dogs, Australian Shepherds, and more



Complement 3 Deficiency, C3 Deficiency

(C3)

Identified in Brittany



Congenital Cornification Disorder

(NSDHL, Chihuahua Variant)

Identified in Chihuahuas



Congenital Dyserythropoietic Anemia and Polymyopathy

(EHPB1L1, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers



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 Hypothyroidism with Goiter

(TPO Intron 13, French Bulldog Variant)

Identified in French Bulldogs

Congenital Macrothrombocytopenia

(TUBB1 Exon 1, Cairn and Norfolk Terrier Variant)

Identified in Cairn Terriers, Norfolk Terriers, and more

 Clear

Congenital Muscular Dystrophy

(LAMA2, Italian Greyhound)

Identified in Italian Greyhounds

 Clear

Congenital Myasthenic Syndrome, CMS

(COLQ, Golden Retriever Variant)

Identified in Golden Retrievers

 Clear

Breed-relevant

Congenital Myasthenic Syndrome, CMS

(CHRNE, Jack Russell Terrier Variant)

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

 Clear

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

Copper Toxicosis (Accumulating)

(ATP7B)

Identified in English Labrador Retrievers, Labrador Retrievers, and more

 Clear**Copper Toxicosis (Attenuating)**

(RETN, Labrador Retriever)

Identified in Labrador Retrievers and English Labrador Retrievers

 Clear**Copper Toxicosis (Attenuating)**

(ATP7A, Labrador Retriever)

Identified in English Labrador Retrievers, Labrador Retrievers, and more

 Clear**Craniomandibular Osteopathy, CMO**

(SLC37A2 Intron 16, Basset Hound Variant)

Identified in Basset Hounds

 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

Darier Disease

(ATP2A2, Irish Terrier Variant)

Identified in Irish Terriers

✓ 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 Vlcs, 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 Golden Retrievers and Standard Poodles

✓ Clear

Breed-relevant

Demyelinating Polyneuropathy

(SBF2/MTRM13)

Identified in Miniature Schnauzers

Dental-Skeletal-Retinal Anomaly

(MIA3, Cane Corso Variant)

Identified in Cane Corsos



Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis

(INPP5E Intron 9, Norwich Terrier Variant)

Identified in Norwich Terriers



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



Disproportionate Dwarfism

(PRKG2, Dogo Argentino Variant)

Identified in Dogo Argentinos



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



Clear

Breed-relevant

Early Bilateral Deafness

(LOXHD1 Exon 38, Rottweiler Variant)

Identified in Rottweilers



Clear

Early Onset Adult Deafness, EOAD

(EPS8L2 Deletion, Rhodesian Ridgeback Variant)

Identified in Rhodesian Ridgebacks



Clear

Early Onset Cerebellar Ataxia

(SEL1L, Finnish Hound Variant)

Identified in Finnish Hounds and Norrbottenspitzes



Clear

Ehlers Danlos

(ADAMTS2, Doberman Pinscher Variant)

Identified in Doberman Pinschers



Clear

Ehlers-Danlos Syndrome (EDS)

(COL5A1, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers



Clear

Enamel Hypoplasia

(ENAM SNP, Parson Russell Terrier Variant)

Identified in Parson Russell Terriers and Russell-type Terriers



Clear

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

 Clear

Exercise-Induced Collapse, EIC

(DNM1)

Identified in Bouvier des Flandress, Boykin Spaniels, and more

 Clear

Factor VII Deficiency

(F7 Exon 5)

Identified in Airedale Terriers, Alaskan Malamutes, and more

 Clear

Factor XI Deficiency

(F11 Exon 7, Kerry Blue Terrier Variant)

Identified in Kerry Blue Terriers

 Clear

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

Glanzmann's Thrombasthenia Type I

(ITGA2B Exon 12, Otterhound Variant)

Identified in Otterhounds

**Glanzmann's Thrombasthenia Type I**

(ITGA2B Exon 13, Great Pyrenees Variant)

Identified in Great Pyrenees

**Globoid Cell Leukodystrophy, Krabbe disease**

(GALC Exon 5, Terrier Variant)

Identified in Cairn Terriers and West Highland White Terriers

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

(G6PC1, German Pinscher Variant)

Identified in German Pinschers

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

(G6PC, Maltese Variant)

Identified in Malteses

**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

 Clear

GM1 Gangliosidosis

(GLB1 Exon 2, Portuguese Water Dog Variant)

Identified in Portuguese Water Dogs

 Clear

GM1 Gangliosidosis

(GLB1 Exon 15, Alaskan Husky Variant)

Identified in Siberian Huskies

 Clear

GM1 Gangliosidosis

(GLB1 Exon 15, Shiba Inu Variant)

Identified in Shiba Inus

 Clear

GM2 Gangliosidosis

(HEXA, Japanese Chin Variant)

Identified in Japanese Chins

 Clear

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

 Clear

Breed-relevant

Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2

(TTC8)

Identified in Golden Retrievers



Clear

Breed-relevant

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



Clear

Hereditary Ataxia

(PNPLA8, Australian Shepherd Variant)

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

Hereditary Ataxia, Cerebellar Degeneration

(RAB24, Old English Sheepdog and Gordon Setter Variant)

Identified in Gordon Setters and Old English Sheepdogs

 Clear

Hereditary Cataracts

(FYCO1, Wirehaired Pointing Griffon Variant)

Identified in Wirehaired Pointing Griffons

 Clear

Hereditary Cataracts

(HSF4 Exon 9, Australian Shepherd Variant)

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

 Clear

Hereditary Cerebellar Ataxia

(SELENOP, Belgian Shepherd Variant)

Identified in Belgian Malinois, Belgian Malinois - Working Line, and more

 Clear

Hereditary Footpad Hyperkeratosis

(DSG1, Rottweiler Variant)

Identified in Rottweilers

 Clear

Hereditary Footpad Hyperkeratosis

(FAM83G, Terrier and Kromfohrlander Variant)

Identified in Bedlington Terriers, Irish Terriers, and more

 Clear

Hereditary Nasal Parakeratosis

(SUV39H2 Intron 4, Greyhound Variant)

Identified in Greyhounds

 Clear

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

(ASPRV1 Exon 2, German Shepherd Variant)

Identified in German Shepherd 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

✓ Clear

Breed-relevant

Ichthyosis, ICH2

(ABHD5, Golden Retriever Variant)

Identified in Golden Retrievers

✓ Clear

Breed-relevant

Inflammatory Myopathy

(SLC25A12)

Identified in Dutch Shepherds

✓ Clear

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

Intestinal Lipid Malabsorption

(ACSL5, Australian Kelpie)

Identified in Australian Kelpies

✓ Clear

Junctional Epidermolysis Bullosa

(LAMA3 Exon 66, Australian Cattle Dog Variant)

Identified in Australian Cattle Dogs, Australian Kelpies, and more

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

✓ Clear

Lagotto Storage Disease

(ATG4D)

Identified in Lagotto Romagnolos

✓ Clear

Laryngeal Paralysis

(RAPGEF6, Miniature Bull Terrier Variant)

Identified in Bull Terriers and Miniature Bull Terriers

✓ Clear

Laryngeal Paralysis and Polyneuropathy

(CNTNAP1, Leonberger, Saint Bernard, and Labrador Retriever variant)

Identified in Labrador Retrievers, English Labrador Retrievers, and more

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

 Clear

Long QT Syndrome

(KCNQ1)

Identified in English Springer Spaniels

 Clear

Lundehund Syndrome

(LEPREL1)

Identified in Norwegian Lundehunds

 Clear

Macular Corneal Dystrophy, MCD

(CHST6)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Malignant Hyperthermia

(RYR1)

Identified in Greyhounds and Hungarian Greyhounds

 Clear

Mast Cell Tumor

 No result

May-Hegglin Anomaly

(MYH9)

Identified in Pugs

 Clear

MDR1 Drug Sensitivity

(ABCB1)

Identified in Australian Cattle Dogs, Australian Shepherds, and more

 Clear

Medium-Chain Acyl-CoA Dehydrogenase Deficiency, MCADD

(ACADM, Cavalier King Charles Spaniel Variant)

Identified in Cavalier King Charles Spaniels

**Methemoglobinemia**

(CYB5R3, Pit Bull Terrier Variant)

Identified in American Pit Bull Terriers

**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

Breed-relevant

Muscular Dystrophy

(DMD, Cavalier King Charles Spaniel Variant 1)

Identified in Cavalier King Charles Spaniels and English Toy Spaniels

 Clear**Muscular Dystrophy-Dystroglycanopathy**

(LARGE1, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers

 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 19, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers

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

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

 Clear**Neuronal Ceroid Lipofuscinosis 1, NCL 1**

(PPT1 Exon 8, Dachshund Variant 1)

Identified in Dachshunds and Miniature Dachshunds

 Clear**Neuronal Ceroid Lipofuscinosis 10, NCL 10**

(CTSD Exon 5, American Bulldog Variant)

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

 Clear**Neuronal Ceroid Lipofuscinosis 2, NCL 2**

(TPP1 Exon 4, Dachshund Variant 2)

Identified in Dachshunds and Miniature Dachshunds

 Clear**Neuronal Ceroid Lipofuscinosis 5, NCL 5**

(CLN5 Exon 4 Deletion, Golden Retriever Variant)

Identified in Golden Retrievers

 Clear

Breed-relevant

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

 Clear**Neuronal Ceroid Lipofuscinosis 7, NCL 7**

(MFSD8, Chihuahua and Chinese Crested Variant)

Identified in Chihuahuas and Chinese Cresteds

 Clear**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 Exon 6, Bullmastiff Variant)

Identified in Bullmastiffs

 Clear**Oculocutaneous Albinism, OCA**

(SLC45A2, Small Breed Variant)

Identified in I hasa Ansos Pekinese and more

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

Breed-relevant

Osteogenesis Imperfecta

(SERPINH1, Dachshund Variant)

Identified in Dachshunds and Miniature Dachshunds

 Clear

Osteogenesis Imperfecta

(COL1A2, Beagle Variant)

Identified in Beagles

 Clear

P2Y12 Receptor Platelet Disorder

(P2Y12)

Identified in Greater Swiss Mountain Dogs

 Clear

Pachyonychia Congenita

(KRT16, Dogue de Bordeaux Variant)

Identified in Dogue de Bordeaux

 Clear

Paroxysmal Dyskinesia, PxD

(PIGN)

Identified in Soft Coated Wheaten Terriers

Persistent Mullerian Duct Syndrome, PMDS

(AMHR2)

Identified in Miniature Schnauzers and Standard Schnauzers

 Clear

Pituitary Dwarfism

(POU1F1 Intron 4, Karelian Bear Dog Variant)

Identified in Karelian Bear Dogs

 Clear

Platelet Factor X Receptor Deficiency, Scott Syndrome

(TMEM16F)

Identified in Berger Blanc Suisse, Czechoslovakian Vlcaks, and more

 Clear

Polycystic Kidney Disease, PKD

(PKD1)

Identified in Bull Terriers

 Clear

Pompe's Disease

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

Identified in Finnish Lapphunds, Lapponian Herders, and more

 Clear

Prekallikrein Deficiency

(KLKB1 Exon 8)

Identified in Shih Tzus

 Clear

Primary Ciliary Dyskinesia, PCD

(STK36, Australian Shepherd Variant)

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

 Clear

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 5, PRA5**

(NECAP1 Exon 6, Giant Schnauzer Variant)

Identified in Giant Schnauzers, Dachshunds, and more

**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**

(RPGRIP1)

Identified in Beagles, Boykin Spaniels, and more

**Progressive Retinal Atrophy, PRA1**

(CNGB1)

Identified in Papillons

**Progressive Retinal Atrophy, PRA3**

(FAM161A)

Identified in Tibetan Spaniels and Tibetan Terriers

Progressive Retinal Atrophy, prcd

(PRCD Exon 1)

Identified in Golden Retrievers and 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

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 Vlcaks, and more

✓ Clear

Retina Dysplasia and/or Optic Nerve Hypoplasia

(SIX6 Exon 1, Golden Retriever Variant)

Identified in Golden Retrievers

✓ Clear

Breed-relevant

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

**Spinocerebellar Ataxia**

(SCN8A, Alpine Dachsbracke Variant)

Identified in Alpine Dachsbrackes

**Spinocerebellar Ataxia with Myokymia and/or Seizures**

(KCNJ10)

Identified in Basenjis, Chihuahuas, and more

Spongy Degeneration with Cerebellar Ataxia 1

(KCNJ10)

Identified in Belgian Laekenois, Belgian Malinois, and more



Spongy Degeneration with Cerebellar Ataxia 2

(ATP1B2)

Identified in Belgian Laekenois, Belgian Malinois, and more



Stargardt Disease

(ABCA4 Exon 28, Labrador Retriever Variant)

Identified in Labrador Retrievers and English Labrador Retrievers



Succinic Semialdehyde Dehydrogenase Deficiency

(ALDH5A1 Exon 7, Saluki Variant)

Identified in Salukis



Thrombopathia

(RASGRP1 Exon 5, American Eskimo Dog Variant)

Identified in American Eskimo Dogs



Thrombopathia

(RASGRP1 Exon 8, Landseer Variant)

Identified in Landseers and Newfoundlands



Thrombopathia

(RASGRP1 Exon 5, Basset Hound Variant)

Identified in Basset Hounds



Trapped Neutrophil Syndrome, TNS

(VPS13B)

Identified in Border Collies, English Shepherds, and more

Ullrich-like Congenital Muscular Dystrophy

(COL6A3 Exon 10, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

 Clear

Ullrich-like Congenital Muscular Dystrophy

(COL6A1 Exon 3, Landseer Variant)

Identified in Landseers and Newfoundlands

 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 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

Von Willebrand Disease Type III, Type III vWD

(VWF Exon 4, Terrier Variant)

Identified in Cesky Terriers and Scottish Terriers

**X-Linked Hereditary Nephropathy, XLHN**

(COL4A5 Exon 35, Samoyed Variant 2)

Identified in Samoyeds

**X-Linked Myotubular Myopathy**

(MTM1, Labrador Retriever Variant)

Identified in English Labrador Retrievers and Labrador Retrievers

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

(RPGR)

Identified in Samoyeds and Siberian Huskies

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

(IL2RG, Corgi Variant)

Identified in Cardigan Welsh Corgis and Pembroke Welsh Corgis

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

(IL2RG Exon 1, Basset Hound Variant)

Identified in Basset Hounds

**Xanthine Urolithiasis**

(XDH, Mixed Breed Variant)

Identified in Mixed-breed dogs

**β-Mannosidosis**

(MANBA Exon 16, Mixed-Breed Variant)

Identified in Mixed-breed dogs

[Collapse results](#) ^

Her genetic diversity

Coefficient of inbreeding (COI): 11%



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