

Health Report

How to interpret Frankie's genetic health results:

If Frankie inherited any of the variants that we tested, they will be listed at the top of the Health Report section, along with a description of how to interpret this result. We also include all of the variants that we tested Frankie for that we did not detect the risk variant for.

A genetic test is not a diagnosis

This genetic test does not diagnose a disease. Please talk to your vet about your dog's genetic results, or if you think that your pet may have a health condition or disease.

Summary

Frankie is not at increased risk for the genetic health conditions that Embark tests.



Clear results

Breed-relevant (7)

Other (266)

Health Report

BREED-RELEVANT RESULTS

Research studies indicate that these results are more relevant to dogs like Frankie, and may influence his chances of developing certain health conditions.

✔ Degenerative Myelopathy, DM (SOD1A)	Clear
✔ GM2 Gangliosidosis (HEXB, Poodle Variant)	Clear
✔ Intervertebral Disc Disease (Type I) (FGF4 retrogene - CFA12)	Clear
✔ Neonatal Encephalopathy with Seizures, NEWS (ATF2)	Clear
✔ Osteochondrodysplasia (SLC13A1, Poodle Variant)	Clear
✔ Progressive Retinal Atrophy, prcd (PRCD Exon 1)	Clear
✔ Von Willebrand Disease Type I, Type I vWD (VWF)	Clear

Health Report

OTHER RESULTS

Research has not yet linked these conditions to dogs with similar breeds to Frankie. Review any increased risk or notable results to understand his potential risk and recommendations.

✔ 2-DHA Kidney & Bladder Stones (APRT)	Clear
✔ Acral Mutilation Syndrome (GDNF-AS, Spaniel and Pointer Variant)	Clear
✔ Alaskan Husky Encephalopathy (SLC19A3)	Clear
✔ Alaskan Malamute Polyneuropathy, AMPN (NDRG1 SNP)	Clear
✔ Alexander Disease (GFAP)	Clear
✔ ALT Activity (GPT)	Clear
✔ Anhidrotic Ectodermal Dysplasia (EDA Intron 8)	Clear
✔ Autosomal Dominant Progressive Retinal Atrophy (RHO)	Clear
✔ Bald Thigh Syndrome (IGFBP5)	Clear
✔ Bernard-Soulier Syndrome, BSS (GP9, Cocker Spaniel Variant)	Clear
✔ Bully Whippet Syndrome (MSTN)	Clear
✔ Canine Elliptocytosis (SPTB Exon 30)	Clear
✔ Canine Fucosidosis (FUCA1)	Clear
✔ Canine Leukocyte Adhesion Deficiency Type I, CLAD I (ITGB2, Setter Variant)	Clear
✔ Canine Leukocyte Adhesion Deficiency Type III, CLAD III (FERMT3, German Shepherd Variant)	Clear
✔ Canine Multifocal Retinopathy, cmr1 (BEST1 Exon 2)	Clear
✔ Canine Multifocal Retinopathy, cmr2 (BEST1 Exon 5, Coton de Tulear Variant)	Clear
✔ Canine Multifocal Retinopathy, cmr3 (BEST1 Exon 10 Deletion, Finnish and Swedish Lapphund, Lapponian Herder Variant)	Clear

Health Report

OTHER RESULTS

	Canine Multiple System Degeneration (SERAC1 Exon 4, Chinese Crested Variant)	Clear
	Canine Multiple System Degeneration (SERAC1 Exon 15, Kerry Blue Terrier Variant)	Clear
	Cardiomyopathy and Juvenile Mortality (YARS2)	Clear
	Centronuclear Myopathy, CNM (PTPLA)	Clear
	Cerebellar Hypoplasia (VLDLR, Eurasier Variant)	Clear
	Chondrodystrophy (ITGA10, Norwegian Elkhound and Karelian Bear Dog Variant)	Clear
	Cleft Lip and/or Cleft Palate (ADAMTS20, Nova Scotia Duck Tolling Retriever Variant)	Clear
	Cleft Palate, CP1 (DLX6 intron 2, Nova Scotia Duck Tolling Retriever Variant)	Clear
	Cobalamin Malabsorption (CUBN Exon 8, Beagle Variant)	Clear
	Cobalamin Malabsorption (CUBN Exon 53, Border Collie Variant)	Clear
	Collie Eye Anomaly (NHEJ1)	Clear
	Complement 3 Deficiency, C3 Deficiency (C3)	Clear
	Congenital Cornification Disorder (NSDHL, Chihuahua Variant)	Clear
	Congenital Dyserythropoietic Anemia and Polymyopathy (EHPB1L1, Labrador Retriever Variant)	Clear
	Congenital Hypothyroidism (TPO, Rat, Toy, Hairless Terrier Variant)	Clear
	Congenital Hypothyroidism (TPO, Tenterfield Terrier Variant)	Clear
	Congenital Hypothyroidism with Goiter (TPO Intron 13, French Bulldog Variant)	Clear
	Congenital Hypothyroidism with Goiter (SLC5A5, Shih Tzu Variant)	Clear

Health Report

OTHER RESULTS

✓	Congenital Macrothrombocytopenia (TUBB1 Exon 1, Cairn and Norfolk Terrier Variant)	Clear
✓	Congenital Muscular Dystrophy (LAMA2, Italian Greyhound)	Clear
✓	Congenital Myasthenic Syndrome, CMS (COLQ, Labrador Retriever Variant)	Clear
✓	Congenital Myasthenic Syndrome, CMS (COLQ, Golden Retriever Variant)	Clear
✓	Congenital Myasthenic Syndrome, CMS (CHAT, Old Danish Pointing Dog Variant)	Clear
✓	Congenital Myasthenic Syndrome, CMS (CHRNE, Jack Russell Terrier Variant)	Clear
✓	Congenital Stationary Night Blindness (LRIT3, Beagle Variant)	Clear
✓	Congenital Stationary Night Blindness (RPE65, Briard Variant)	Clear
✓	Copper Toxicosis (Accumulating) (ATP7B)	Clear
✓	Copper Toxicosis (Attenuating) (ATP7A, Labrador Retriever)	Clear
✓	Copper Toxicosis (Attenuating) (RETN, Labrador Retriever)	Clear
✓	Craniomandibular Osteopathy, CMO (SLC37A2)	Clear
✓	Craniomandibular Osteopathy, CMO (SLC37A2 Intron 16, Basset Hound Variant)	Clear
✓	Cystinuria Type I-A (SLC3A1, Newfoundland Variant)	Clear
✓	Cystinuria Type II-A (SLC3A1, Australian Cattle Dog Variant)	Clear
✓	Cystinuria Type II-B (SLC7A9, Miniature Pinscher Variant)	Clear
✓	Darier Disease (ATP2A2, Irish Terrier Variant)	Clear
✓	Day Blindness (CNGB3 Deletion, Alaskan Malamute Variant)	Clear

Health Report

OTHER RESULTS

	Day Blindness (CNGA3 Exon 7, German Shepherd Variant)	Clear
	Day Blindness (CNGA3 Exon 7, Labrador Retriever Variant)	Clear
	Day Blindness (CNGB3 Exon 6, German Shorthaired Pointer Variant)	Clear
	Deafness and Vestibular Syndrome of Dobermans, DVDob, DINGS (MYO7A)	Clear
	Demyelinating Polyneuropathy (SBF2/MTRM13)	Clear
	Dental-Skeletal-Retinal Anomaly (MIA3, Cane Corso Variant)	Clear
	Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis (INPP5E Intron 9, Norwich Terrier Variant)	Clear
	Dilated Cardiomyopathy, DCM (RBM20, Schnauzer Variant)	Clear
	Dilated Cardiomyopathy, DCM1 (PDK4, Doberman Pinscher Variant 1)	Clear
	Dilated Cardiomyopathy, DCM2 (TTN, Doberman Pinscher Variant 2)	Clear
	Disproportionate Dwarfism (PRKG2, Dogo Argentino Variant)	Clear
	Dry Eye Curly Coat Syndrome (FAM83H Exon 5)	Clear
	Dystrophic Epidermolysis Bullosa (COL7A1, Central Asian Shepherd Dog Variant)	Clear
	Dystrophic Epidermolysis Bullosa (COL7A1, Golden Retriever Variant)	Clear
	Early Bilateral Deafness (LOXHD1 Exon 38, Rottweiler Variant)	Clear
	Early Onset Adult Deafness, EOAD (EPS8L2 Deletion, Rhodesian Ridgeback Variant)	Clear
	Early Onset Cerebellar Ataxia (SEL1L, Finnish Hound Variant)	Clear
	Ehlers Danlos (ADAMTS2, Doberman Pinscher Variant)	Clear

Health Report

OTHER RESULTS

	Ehlers-Danlos Syndrome (EDS) (COL5A1, Labrador Retriever Variant)	Clear
	Enamel Hypoplasia (ENAM Deletion, Italian Greyhound Variant)	Clear
	Enamel Hypoplasia (ENAM SNP, Parson Russell Terrier Variant)	Clear
	Episodic Falling Syndrome (BCAN)	Clear
	Exercise-Induced Collapse, EIC (DNM1)	Clear
	Factor VII Deficiency (F7 Exon 5)	Clear
	Factor XI Deficiency (F11 Exon 7, Kerry Blue Terrier Variant)	Clear
	Familial Nephropathy (COL4A4 Exon 3, Cocker Spaniel Variant)	Clear
	Familial Nephropathy (COL4A4 Exon 30, English Springer Spaniel Variant)	Clear
	Fanconi Syndrome (FAN1, Basenji Variant)	Clear
	Fetal-Onset Neonatal Neuroaxonal Dystrophy (MFN2, Giant Schnauzer Variant)	Clear
	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 13, Great Pyrenees Variant)	Clear
	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 12, Otterhound Variant)	Clear
	Globoid Cell Leukodystrophy, Krabbe disease (GALC Exon 5, Terrier Variant)	Clear
	Glycogen Storage Disease Type IA, Von Gierke Disease, GSD IA (G6PC1, German Pinscher Variant)	Clear
	Glycogen Storage Disease Type IA, Von Gierke Disease, GSD IA (G6PC, Maltese Variant)	Clear
	Glycogen Storage Disease Type IIIA, GSD IIIA (AGL, Curly Coated Retriever Variant)	Clear
	Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency (PFKM, Whippet and English Springer Spaniel Variant)	Clear

Health Report

OTHER RESULTS

	Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency (PFKM, Wachtelhund Variant)	Clear
	GM1 Gangliosidosis (GLB1 Exon 2, Portuguese Water Dog Variant)	Clear
	GM1 Gangliosidosis (GLB1 Exon 15, Shiba Inu Variant)	Clear
	GM1 Gangliosidosis (GLB1 Exon 15, Alaskan Husky Variant)	Clear
	GM2 Gangliosidosis (HEXA, Japanese Chin Variant)	Clear
	Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1 (SLC4A3)	Clear
	Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 (TTC8)	Clear
	Goniodysgenesis and Glaucoma, Pectinate Ligament Dysplasia, PLD (OLFM3)	Clear
	Hemophilia A (F8 Exon 11, German Shepherd Variant 1)	Clear
	Hemophilia A (F8 Exon 1, German Shepherd Variant 2)	Clear
	Hemophilia A (F8 Exon 10, Boxer Variant)	Clear
	Hemophilia B (F9 Exon 7, Terrier Variant)	Clear
	Hemophilia B (F9 Exon 7, Rhodesian Ridgeback Variant)	Clear
	Hereditary Ataxia (PNPLA8, Australian Shepherd Variant)	Clear
	Hereditary Ataxia, Cerebellar Degeneration (RAB24, Old English Sheepdog and Gordon Setter Variant)	Clear
	Hereditary Cataracts (HSF4 Exon 9, Australian Shepherd Variant)	Clear
	Hereditary Cataracts (FYCO1, Wirehaired Pointing Griffon Variant)	Clear
	Hereditary Cerebellar Ataxia (SELENOP, Belgian Shepherd Variant)	Clear

Health Report

OTHER RESULTS

	Hereditary Footpad Hyperkeratosis (FAM83G, Terrier and Kromfohrlander Variant)	Clear
	Hereditary Footpad Hyperkeratosis (DSG1, Rottweiler Variant)	Clear
	Hereditary Nasal Parakeratosis (SUV39H2 Intron 4, Greyhound Variant)	Clear
	Hereditary Nasal Parakeratosis, HNPK (SUV39H2)	Clear
	Hereditary Vitamin D-Resistant Rickets (VDR)	Clear
	Hypocatalasia, Acatalasemia (CAT)	Clear
	Hypomyelination and Tremors (FNIP2, Weimaraner Variant)	Clear
	Hypophosphatasia (ALPL Exon 9, Karelian Bear Dog Variant)	Clear
	Ichthyosis (NIPAL4, American Bulldog Variant)	Clear
	Ichthyosis (ASPRV1 Exon 2, German Shepherd Variant)	Clear
	Ichthyosis (SLC27A4, Great Dane Variant)	Clear
	Ichthyosis, Epidermolytic Hyperkeratosis (KRT10, Terrier Variant)	Clear
	Ichthyosis, ICH1 (PNPLA1, Golden Retriever Variant)	Clear
	Ichthyosis, ICH2 (ABHD5, Golden Retriever Variant)	Clear
	Inflammatory Myopathy (SLC25A12)	Clear
	Inherited Myopathy of Great Danes (BIN1)	Clear
	Inherited Selected Cobalamin Malabsorption with Proteinuria (CUBN, Komondor Variant)	Clear
	Intestinal Lipid Malabsorption (ACSL5, Australian Kelpie)	Clear

Health Report

OTHER RESULTS

✓	Junctional Epidermolysis Bullosa (LAMA3 Exon 66, Australian Cattle Dog Variant)	Clear
✓	Junctional Epidermolysis Bullosa (LAMB3 Exon 11, Australian Shepherd Variant)	Clear
✓	Juvenile Epilepsy (LGI2)	Clear
✓	Juvenile Laryngeal Paralysis and Polyneuropathy (RAB3GAP1, Rottweiler Variant)	Clear
✓	Juvenile Myoclonic Epilepsy (DIRAS1)	Clear
✓	L-2-Hydroxyglutaricaciduria, L2HGA (L2HGDH, Staffordshire Bull Terrier Variant)	Clear
✓	Lagotto Storage Disease (ATG4D)	Clear
✓	Laryngeal Paralysis (RAPGEF6, Miniature Bull Terrier Variant)	Clear
✓	Laryngeal Paralysis and Polyneuropathy (CNTNAP1, Leonberger, Saint Bernard, and Labrador Retriever variant)	Clear
✓	Late Onset Spinocerebellar Ataxia (CAPN1)	Clear
✓	Late-Onset Neuronal Ceroid Lipofuscinosis, NCL 12 (ATP13A2, Australian Cattle Dog Variant)	Clear
✓	Leonberger Polyneuropathy 1 (LPN1, ARHGEF10)	Clear
✓	Leonberger Polyneuropathy 2 (GJA9)	Clear
✓	Lethal Acrodermatitis, LAD (MKLN1)	Clear
✓	Leukodystrophy (TSEN54 Exon 5, Standard Schnauzer Variant)	Clear
✓	Ligneous Membranitis, LM (PLG)	Clear
✓	Limb Girdle Muscular Dystrophy (SGCD, Boston Terrier Variant)	Clear
✓	Limb-Girdle Muscular Dystrophy 2D (SGCA Exon 3, Miniature Dachshund Variant)	Clear

Health Report

OTHER RESULTS

✓ Long QT Syndrome (KCNQ1)	Clear
✓ Lundehund Syndrome (LEPREL1)	Clear
✓ Macular Corneal Dystrophy, MCD (CHST6)	Clear
✓ Malignant Hyperthermia (RYR1)	Clear
✓ May-Hegglin Anomaly (MYH9)	Clear
✓ Medium-Chain Acyl-CoA Dehydrogenase Deficiency, MCADD (ACADM, Cavalier King Charles Spaniel Variant)	Clear
✓ Methemoglobinemia (CYB5R3, Pit Bull Terrier Variant)	Clear
✓ Methemoglobinemia (CYB5R3)	Clear
✓ Microphthalmia (RBP4 Exon 2, Soft Coated Wheaten Terrier Variant)	Clear
✓ Mucopolysaccharidosis IIIB, Sanfilippo Syndrome Type B, MPS IIIB (NAGLU, Schipperke Variant)	Clear
✓ Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA (SGSH Exon 6, Dachshund Variant)	Clear
✓ Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA (SGSH Exon 6, New Zealand Huntaway Variant)	Clear
✓ Mucopolysaccharidosis Type VI, Maroteaux-Lamy Syndrome, MPS VI (ARSB Exon 5, Miniature Pinscher Variant)	Clear
✓ Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII (GUSB Exon 3, German Shepherd Variant)	Clear
✓ Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII (GUSB Exon 5, Terrier Brasileiro Variant)	Clear
✓ Multiple Drug Sensitivity (ABCB1)	Clear
✓ Muscular Dystrophy (DMD, Cavalier King Charles Spaniel Variant 1)	Clear
✓ Muscular Dystrophy (DMD, Golden Retriever Variant)	Clear

Health Report

OTHER RESULTS

	Muscular Dystrophy-Dystroglycanopathy (LARGE1, Labrador Retriever Variant)	Clear
	Musladin-Lueke Syndrome, MLS (ADAMTSL2)	Clear
	Myasthenia Gravis-Like Syndrome (CHRNE, Heideterrier Variant)	Clear
	Myotonia Congenita (CLCN1 Exon 23, Australian Cattle Dog Variant)	Clear
	Myotonia Congenita (CLCN1 Exon 19, Labrador Retriever Variant)	Clear
	Myotonia Congenita (CLCN1 Exon 7, Miniature Schnauzer Variant)	Clear
	Narcolepsy (HCRT2 Exon 1, Dachshund Variant)	Clear
	Narcolepsy (HCRT2 Intron 4, Doberman Pinscher Variant)	Clear
	Narcolepsy (HCRT2 Intron 6, Labrador Retriever Variant)	Clear
	Nemaline Myopathy (NEB, American Bulldog Variant)	Clear
	Neonatal Cerebellar Cortical Degeneration (SPTBN2, Beagle Variant)	Clear
	Neonatal Interstitial Lung Disease (LAMP3)	Clear
	Neuroaxonal Dystrophy, NAD (VPS11, Rottweiler Variant)	Clear
	Neuroaxonal Dystrophy, NAD (TECPR2, Spanish Water Dog Variant)	Clear
	Neuronal Ceroid Lipofuscinosis 1, NCL 1 (PPT1 Exon 8, Dachshund Variant 1)	Clear
	Neuronal Ceroid Lipofuscinosis 10, NCL 10 (CTSD Exon 5, American Bulldog Variant)	Clear
	Neuronal Ceroid Lipofuscinosis 2, NCL 2 (TPP1 Exon 4, Dachshund Variant 2)	Clear
	Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 SNP, Border Collie Variant)	Clear

Health Report

OTHER RESULTS

✓	Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 Deletion, Golden Retriever Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis 6, NCL 6 (CLN6 Exon 7, Australian Shepherd Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis 7, NCL 7 (MFSD8, Chihuahua and Chinese Crested Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8, Australian Shepherd Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8 Exon 2, English Setter Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8 Insertion, Saluki Variant)	Clear
✓	Neuronal Ceroid Lipofuscinosis, Cerebellar Ataxia, NCL4A (ARSG Exon 2, American Staffordshire Terrier Variant)	Clear
✓	Oculocutaneous Albinism, OCA (SLC45A2 Exon 6, Bullmastiff Variant)	Clear
✓	Oculocutaneous Albinism, OCA (SLC45A2, Small Breed Variant)	Clear
✓	Oculoskeletal Dysplasia 2 (COL9A2, Samoyed Variant)	Clear
✓	Osteogenesis Imperfecta (COL1A2, Beagle Variant)	Clear
✓	Osteogenesis Imperfecta (SERPINH1, Dachshund Variant)	Clear
✓	Osteogenesis Imperfecta (COL1A1, Golden Retriever Variant)	Clear
✓	P2Y12 Receptor Platelet Disorder (P2Y12)	Clear
✓	Pachyonychia Congenita (KRT16, Dogue de Bordeaux Variant)	Clear
✓	Paroxysmal Dyskinesia, PxD (PIGN)	Clear
✓	Persistent Mullerian Duct Syndrome, PMDS (AMHR2)	Clear
✓	Pituitary Dwarfism (POU1F1 Intron 4, Karelian Bear Dog Variant)	Clear

Health Report

OTHER RESULTS

	Platelet Factor X Receptor Deficiency, Scott Syndrome (TMEM16F)	Clear
	Polycystic Kidney Disease, PKD (PKD1)	Clear
	Pompe's Disease (GAA, Finnish and Swedish Lapphund, Lapponian Herder Variant)	Clear
	Prekallikrein Deficiency (KLKB1 Exon 8)	Clear
	Primary Ciliary Dyskinesia, PCD (NME5, Alaskan Malamute Variant)	Clear
	Primary Ciliary Dyskinesia, PCD (STK36, Australian Shepherd Variant)	Clear
	Primary Ciliary Dyskinesia, PCD (CCDC39 Exon 3, Old English Sheepdog Variant)	Clear
	Primary Hyperoxaluria (AGXT)	Clear
	Primary Lens Luxation (ADAMTS17)	Clear
	Primary Open Angle Glaucoma (ADAMTS17 Exon 11, Basset Fauve de Bretagne Variant)	Clear
	Primary Open Angle Glaucoma (ADAMTS10 Exon 17, Beagle Variant)	Clear
	Primary Open Angle Glaucoma (ADAMTS10 Exon 9, Norwegian Elkhound Variant)	Clear
	Primary Open Angle Glaucoma and Primary Lens Luxation (ADAMTS17 Exon 2, Chinese Shar-Pei Variant)	Clear
	Progressive Retinal Atrophy (SAG)	Clear
	Progressive Retinal Atrophy (IFT122 Exon 26, Lapponian Herder Variant)	Clear
	Progressive Retinal Atrophy 5, PRA5 (NECAP1 Exon 6, Giant Schnauzer Variant)	Clear
	Progressive Retinal Atrophy, Bardet-Biedl Syndrome (BBS2 Exon 11, Shetland Sheepdog Variant)	Clear
	Progressive Retinal Atrophy, CNGA (CNGA1 Exon 9)	Clear

Health Report

OTHER RESULTS

	Progressive Retinal Atrophy, crd1 (PDE6B, American Staffordshire Terrier Variant)	Clear
	Progressive Retinal Atrophy, crd4/cord1 (RPGRIP1)	Clear
	Progressive Retinal Atrophy, PRA1 (CNGB1)	Clear
	Progressive Retinal Atrophy, PRA3 (FAM161A)	Clear
	Progressive Retinal Atrophy, rcd1 (PDE6B Exon 21, Irish Setter Variant)	Clear
	Progressive Retinal Atrophy, rcd3 (PDE6A)	Clear
	Proportionate Dwarfism (GH1 Exon 5, Chihuahua Variant)	Clear
	Protein Losing Nephropathy, PLN (NPHS1)	Clear
	Pyruvate Dehydrogenase Deficiency (PDP1, Spaniel Variant)	Clear
	Pyruvate Kinase Deficiency (PKLR Exon 5, Basenji Variant)	Clear
	Pyruvate Kinase Deficiency (PKLR Exon 7, Beagle Variant)	Clear
	Pyruvate Kinase Deficiency (PKLR Exon 10, Terrier Variant)	Clear
	Pyruvate Kinase Deficiency (PKLR Exon 7, Labrador Retriever Variant)	Clear
	Pyruvate Kinase Deficiency (PKLR Exon 7, Pug Variant)	Clear
	Raine Syndrome (FAM20C)	Clear
	Recurrent Inflammatory Pulmonary Disease, RIPD (AKNA, Rough Collie Variant)	Clear
	Renal Cystadenocarcinoma and Nodular Dermatofibrosis (FLCN Exon 7)	Clear
	Retina Dysplasia and/or Optic Nerve Hypoplasia (SIX6 Exon 1, Golden Retriever Variant)	Clear

Health Report

OTHER RESULTS

	Sensory Neuropathy (FAM134B, Border Collie Variant)	Clear
	Severe Combined Immunodeficiency, SCID (PRKDC, Terrier Variant)	Clear
	Severe Combined Immunodeficiency, SCID (RAG1, Wetterhoun Variant)	Clear
	Shaking Puppy Syndrome (PLP1, English Springer Spaniel Variant)	Clear
	Shar-Pei Autoinflammatory Disease, SPAID, Shar-Pei Fever (MTBP)	Clear
	Skeletal Dysplasia 2, SD2 (COL11A2, Labrador Retriever Variant)	Clear
	Skin Fragility Syndrome (PKP1, Chesapeake Bay Retriever Variant)	Clear
	Spinocerebellar Ataxia (SCN8A, Alpine Dachsbracke Variant)	Clear
	Spinocerebellar Ataxia with Myokymia and/or Seizures (KCNJ10)	Clear
	Spongy Degeneration with Cerebellar Ataxia 1 (KCNJ10)	Clear
	Spongy Degeneration with Cerebellar Ataxia 2 (ATP1B2)	Clear
	Stargardt Disease (ABCA4 Exon 28, Labrador Retriever Variant)	Clear
	Succinic Semialdehyde Dehydrogenase Deficiency (ALDH5A1 Exon 7, Saluki Variant)	Clear
	Thrombopathia (RASGRP1 Exon 5, American Eskimo Dog Variant)	Clear
	Thrombopathia (RASGRP1 Exon 5, Basset Hound Variant)	Clear
	Thrombopathia (RASGRP1 Exon 8, Landseer Variant)	Clear
	Trapped Neutrophil Syndrome, TNS (VPS13B)	Clear
	Ullrich-like Congenital Muscular Dystrophy (COL6A3 Exon 10, Labrador Retriever Variant)	Clear

Health Report

OTHER RESULTS

	Ullrich-like Congenital Muscular Dystrophy (COL6A1 Exon 3, Landseer Variant)	Clear
	Unilateral Deafness and Vestibular Syndrome (PTPRQ Exon 39, Doberman Pinscher)	Clear
	Urate Kidney & Bladder Stones (SLC2A9)	Clear
	Von Willebrand Disease Type II, Type II vWD (VWF, Pointer Variant)	Clear
	Von Willebrand Disease Type III, Type III vWD (VWF Exon 4, Terrier Variant)	Clear
	Von Willebrand Disease Type III, Type III vWD (VWF Intron 16, Nederlandse Kooikerhondje Variant)	Clear
	Von Willebrand Disease Type III, Type III vWD (VWF Exon 7, Shetland Sheepdog Variant)	Clear
	X-Linked Hereditary Nephropathy, XLHN (COL4A5 Exon 35, Samoyed Variant 2)	Clear
	X-Linked Myotubular Myopathy (MTM1, Labrador Retriever Variant)	Clear
	X-Linked Progressive Retinal Atrophy 1, XL-PRA1 (RPGR)	Clear
	X-linked Severe Combined Immunodeficiency, X-SCID (IL2RG Exon 1, Basset Hound Variant)	Clear
	X-linked Severe Combined Immunodeficiency, X-SCID (IL2RG, Corgi Variant)	Clear
	Xanthine Urolithiasis (XDH, Mixed Breed Variant)	Clear
	β-Mannosidosis (MANBA Exon 16, Mixed-Breed Variant)	Clear
	Mast Cell Tumor	No result