

category	name	value
ID	Swab code	# 31220610107492
ID	Name	Rosie
ID	Sex	Female
Breed Name	Name	Old English Sheepdog
Breed mix	Old English Sheepdog	100.0%
Breed mix	Trace breeds	-
Genetic Stats	Life Stage	Young adult
Genetic Stats	Predicted Adult Weight	64.4 lbs
Lineage	MT Haplotype	A316_MT
Lineage	MT Haplogroup	A1b_MT
Lineage	Y Haplotype	
Lineage	Y Haplogroup	
Health	MDR1 Drug Sensitivity (ABCB1)	clear
Health	Alanine Aminotransferase Activity (GPT)	at risk, heterozygote codominant
Health	P2Y12 Receptor Platelet Disorder (P2Y12)	clear
Health	Factor IX Deficiency, Hemophilia B (F9 Exon 7, Terrier Variant)	clear
Health	Factor IX Deficiency, Hemophilia B (F9 Exon 7, Rhodesian Ridgeback Variant)	clear
Health	Factor VII Deficiency (F7 Exon 5)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 10, Boxer Variant)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 11, German Shepherd Variant 1)	clear
Health	Factor VIII Deficiency, Hemophilia A (F8 Exon 1, German Shepherd Variant 2)	clear
Health	Thrombopathia (RASGRP1 Exon 5, Basset Hound Variant)	clear
Health	Thrombopathia (RASGRP1 Exon 8, Landseer Variant)	clear
Health	Thrombopathia (RASGRP1 Exon 5, American Eskimo Dog Variant)	clear
Health	Von Willebrand Disease Type III, Type III vWD (VWF Exon 4, Terrier Variant)	clear
Health	Von Willebrand Disease Type III, Type III vWD (VWF Exon 7, Shetland Sheepdog Variant)	clear
Health	Von Willebrand Disease Type I, Type I vWD (VWF)	clear
Health	Von Willebrand Disease Type III, Type III vWD (VWF Intron 16, Nederlandse Kooikerhondje Variant)	clear
Health	Von Willebrand Disease Type II, Type II vWD (VWF, Pointer Variant)	clear
Health	Factor XI Deficiency (F11 Exon 7, Kerry Blue Terrier Variant)	clear
Health	Canine Leukocyte Adhesion Deficiency Type I, CLAD I (ITGB2, Setter Variant)	clear
Health	Canine Leukocyte Adhesion Deficiency Type III, CLAD III (FERMT3, German Shepherd Variant)	clear
Health	Congenital Macrothrombocytopenia (TUBB1 Exon 1, Cairn and Norfolk Terrier Variant)	clear
Health	Canine Elliptocytosis (SPTB Exon 30)	clear
Health	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 13, Great Pyrenees Variant)	clear
Health	Glanzmann's Thrombasthenia Type I (ITGA2B Exon 12, Otterhound Variant)	clear
Health	May-Hegglin Anomaly (MYH9)	clear
Health	Prekallikrein Deficiency (KLKB1 Exon 8)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 5, Basenji Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7, Labrador Retriever Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7, Pug Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 7, Beagle Variant)	clear
Health	Pyruvate Kinase Deficiency (PKLR Exon 10, Terrier Variant)	clear
Health	Trapped Neutrophil Syndrome, TNS (VPS13B)	clear
Health	Ligneous Membranitis, LM (PLG)	clear
Health	Platelet Factor X Receptor Deficiency, Scott Syndrome (TMEM16F)	clear
Health	Methemoglobinemia (CYB5R3)	clear
Health	Bernard-Soulier Syndrome, BSS (GP9, Cocker Spaniel Variant)	clear
Health	Congenital Hypothyroidism (TPO, Tenterfield Terrier Variant)	clear
Health	Congenital Hypothyroidism with Goiter (TPO Intron 13, French Bulldog Variant)	clear
Health	Congenital Hypothyroidism (TPO, Rat, Toy, Hairless Terrier Variant)	clear
Health	Congenital Dysmorphogenic Hypothyroidism with Goiter (SLC5A5, Shih Tzu Variant)	clear
Health	Complement 3 Deficiency, C3 Deficiency (C3)	clear

Health	Severe Combined Immunodeficiency, SCID (PRKDC, Terrier Variant)	clear
Health	Severe Combined Immunodeficiency, SCID (RAG1, Wetterhoun Variant)	clear
Health	X-linked Severe Combined Immunodeficiency, X-SCID (IL2RG Exon 1, Basset Hound Variant)	clear
Health	X-linked Severe Combined Immunodeficiency, X-SCID (IL2RG, Corgi Variant)	clear
Health	Progressive Retinal Atrophy, rcd1 (PDE6B Exon 21, Irish Setter Variant)	clear
Health	Progressive Retinal Atrophy, rcd3 (PDE6A)	clear
Health	Progressive Retinal Atrophy, CNGA (CNGA1 Exon 9)	clear
Health	Progressive Retinal Atrophy, prcd (PRCD Exon 1)	clear
Health	Progressive Retinal Atrophy, PRA1 (CNGB1)	clear
Health	Progressive Retinal Atrophy (SAG)	clear
Health	Golden Retriever Progressive Retinal Atrophy 1, GR-PRA1 (SLC4A3)	clear
Health	Golden Retriever Progressive Retinal Atrophy 2, GR-PRA2 (TTC8)	clear
Health	Progressive Retinal Atrophy, crd1 (PDE6B, American Staffordshire Terrier Variant)	clear
Health	Progressive Retinal Atrophy, crd4/cord1 (RPGRIP1)	clear
Health	X-Linked Progressive Retinal Atrophy 1, XL-PRA1 (RPGR)	clear
Health	Progressive Retinal Atrophy, PRA3 (FAM161A)	clear
Health	Collie Eye Anomaly, Choroidal Hypoplasia, CEA (NHEJ1)	clear
Health	Day Blindness, Cone Degeneration, Achromatopsia (CNGB3 Deletion, Alaskan Malamute Variant)	clear
Health	Day Blindness, Cone Degeneration, Achromatopsia (CNGB3 Exon 6, German Shorthaired Pointer Variant)	clear
Health	Achromatopsia (CNGA3 Exon 7, German Shepherd Variant)	clear
Health	Achromatopsia (CNGA3 Exon 7, Labrador Retriever Variant)	clear
Health	Autosomal Dominant Progressive Retinal Atrophy (RHO)	clear
Health	Canine Multifocal Retinopathy, cmr1 (BEST1 Exon 2)	clear
Health	Canine Multifocal Retinopathy, cmr2 (BEST1 Exon 5, Coton de Tulear Variant)	clear
Health	Canine Multifocal Retinopathy, cmr3 (BEST1 Exon 10 Deletion, Finnish and Swedish Lapphund, Lapponian Herder Variant)	clear
Health	Primary Open Angle Glaucoma (ADAMTS10 Exon 9, Norwegian Elkhound Variant)	clear
Health	Primary Open Angle Glaucoma (ADAMTS10 Exon 17, Beagle Variant)	clear
Health	Primary Open Angle Glaucoma (ADAMTS17 Exon 11, Basset Fauve de Bretagne Variant)	clear
Health	Primary Open Angle Glaucoma and Primary Lens Luxation (ADAMTS17 Exon 2, Chinese Shar-Pei Variant)	clear
Health	Goniodysgenesis and Glaucoma, Pectinate Ligament Dysplasia, PLD (OLFM3)	clear
Health	Hereditary Cataracts, Early-Onset Cataracts, Juvenile Cataracts (HSF4 Exon 9, Australian Shepherd Variant)	clear
Health	Primary Lens Luxation (ADAMTS17)	clear
Health	Congenital Stationary Night Blindness (RPE65, Briard Variant)	clear
Health	Congenital Stationary Night Blindness (LRIT3, Beagle Variant)	clear
Health	Macular Corneal Dystrophy, MCD (CHST6)	clear
Health	Microphthalmia (RBP4 Exon 2, Soft Coated Wheaten Terrier Variant)	clear
Health	2,8-Dihydroxyadenine Urolithiasis, 2,8-DHA Urolithiasis (APRT)	clear
Health	Cystinuria Type I-A (SLC3A1, Newfoundland Variant)	clear
Health	Cystinuria Type II-A (SLC3A1, Australian Cattle Dog Variant)	clear
Health	Cystinuria Type II-B (SLC7A9, Miniature Pinscher Variant)	clear
Health	Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU (SLC2A9)	clear
Health	Polycystic Kidney Disease, PKD (PKD1)	clear
Health	Primary Hyperoxaluria (AGXT)	clear
Health	Protein Losing Nephropathy, PLN (NPHS1)	clear
Health	X-Linked Hereditary Nephropathy, XLHN (COL4A5 Exon 35, Samoyed Variant 2)	clear
Health	Autosomal Recessive Hereditary Nephropathy, Familial Nephropathy, ARHN (COL4A4 Exon 30, English Springer Spaniel Variant)	clear
Health	Autosomal Recessive Hereditary Nephropathy, Familial Nephropathy, ARHN (COL4A4 Exon 3, Cocker Spaniel Variant)	clear
Health	Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis (INPP5E Intron 9, Norwich Terrier Variant)	clear
Health	Fanconi Syndrome (FAN1, Basenji Variant)	clear
Health	Primary Ciliary Dyskinesia, PCD (CCDC39 Exon 3, Old English Sheepdog Variant)	clear
Health	Primary Ciliary Dyskinesia, PCD (NME5, Alaskan Malamute Variant)	clear
Health	Congenital Keratoconjunctivitis Sicca and Ichthyosiform Dermatitis, Dry Eye Curly Coat Syndrome, CKCSID (FAM83H Exon 5)	clear
Health	X-linked Ectodermal Dysplasia, Anhidrotic Ectodermal Dysplasia, XHED (EDA Intron 8)	clear
Health	Renal Cystadenocarcinoma and Nodular Dermatofibrosis, RCND (FLCN Exon 7)	clear

Health	Canine Fucosidosis (FUCA1)	no call
Health	Glycogen Storage Disease Type II, Pompe's Disease, GSD II (GAA, Finnish and Swedish Lapphund, Lapponian Herder Variant)	clear
Health	Glycogen Storage Disease Type IA, Von Gierke Disease, GSD IA (G6PC, Maltese Variant)	clear
Health	Glycogen Storage Disease Type IIIA, GSD IIIA (AGL, Curly Coated Retriever Variant)	clear
Health	Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA (SGSH Exon 6, Dachshund Variant)	clear
Health	Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA (SGSH Exon 6, New Zealand Huntaway Variant)	clear
Health	Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII (GUSB Exon 5, Terrier Brasileiro Variant)	clear
Health	Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII (GUSB Exon 3, German Shepherd Variant)	clear
Health	Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency (PFKM, Whippet and English Springer Spaniel Variant)	clear
Health	Glycogen storage disease Type VII, Phosphofructokinase Deficiency, PFK Deficiency (PFKM, Wachtelhund Variant)	clear
Health	Lagotto Storage Disease (ATG4D)	clear
Health	Neuronal Ceroid Lipofuscinosis 1, NCL 1 (PPT1 Exon 8, Dachshund Variant 1)	clear
Health	Neuronal Ceroid Lipofuscinosis 2, NCL 2 (TPP1 Exon 4, Dachshund Variant 2)	clear
Health	Neuronal Ceroid Lipofuscinosis, Cerebellar Ataxia, NCL4A (ARSG Exon 2, American Staffordshire Terrier Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 SNP, Border Collie Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 6, NCL 6 (CLN6 Exon 7, Australian Shepherd Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8 Exon 2, English Setter Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 7, NCL 7 (MFSD8, Chihuahua and Chinese Crested Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8, Australian Shepherd Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 10, NCL 10 (CTSD Exon 5, American Bulldog Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 5, NCL 5 (CLN5 Exon 4 Deletion, Golden Retriever Variant)	clear
Health	Neuronal Ceroid Lipofuscinosis 8, NCL 8 (CLN8 Insertion, Saluki Variant)	clear
Health	Late-Onset Neuronal Ceroid Lipofuscinosis, NCL 12 (ATP13A2, Australian Cattle Dog Variant)	clear
Health	GM1 Gangliosidosis (GLB1 Exon 15, Shiba Inu Variant)	clear
Health	GM1 Gangliosidosis (GLB1 Exon 15, Alaskan Husky Variant)	clear
Health	GM1 Gangliosidosis (GLB1 Exon 2, Portuguese Water Dog Variant)	clear
Health	GM2 Gangliosidosis (HEXB, Poodle Variant)	clear
Health	GM2 Gangliosidosis (HEXA, Japanese Chin Variant)	clear
Health	Globoid Cell Leukodystrophy, Krabbe disease (GALC Exon 5, Terrier Variant)	clear
Health	Autosomal Recessive Amelogenesis Imperfecta, Familial Enamel Hypoplasia (ENAM Deletion, Italian Greyhound Variant)	clear
Health	Autosomal Recessive Amelogenesis Imperfecta, Familial Enamel Hypoplasia (ENAM SNP, Parson Russell Terrier Variant)	clear
Health	Persistent Mullerian Duct Syndrome, PMDS (AMHR2)	clear
Health	Deafness and Vestibular Syndrome of Dobermans, DVDob, DINGS (MYO7A)	clear
Health	Unilateral Deafness and Vestibular Syndrome (PTPRQ Exon 39, Doberman Pinscher)	clear
Health	Shar-Pei Autoinflammatory Disease, SPAID, Shar-Pei Fever (MTBP)	clear
Health	Neonatal Interstitial Lung Disease (LAMP3)	clear
Health	Recurrent Inflammatory Pulmonary Disease, RIPD (AKNA, Rough Collie Variant)	clear
Health	Alaskan Husky Encephalopathy, Subacute Necrotizing Encephalomyelopathy (SLC19A3)	clear
Health	Alexander Disease (GFAP)	clear
Health	Cerebellar Abiotrophy, Neonatal Cerebellar Cortical Degeneration, NCCD (SPTBN2, Beagle Variant)	clear
Health	Cerebellar Ataxia, Progressive Early-Onset Cerebellar Ataxia (SEL1L, Finnish Hound Variant)	clear
Health	Cerebellar Hypoplasia (VLDLR, Eurasier Variant)	clear
Health	Spinocerebellar Ataxia, Late-Onset Ataxia, LoSCA (CAPN1)	clear
Health	Spinocerebellar Ataxia with Myokymia and/or Seizures (KCNJ10)	clear
Health	Hereditary Ataxia, Cerebellar Degeneration (RAB24, Old English Sheepdog and Gordon Setter Variant)	clear
Health	Benign Familial Juvenile Epilepsy, Remitting Focal Epilepsy (LG12)	clear
Health	Degenerative Myelopathy, DM (SOD1A)	clear
Health	Fetal-Onset Neonatal Neuroaxonal Dystrophy (MFN2, Giant Schnauzer Variant)	clear
Health	Hypomyelination and Tremors (FNIP2, Weimaraner Variant)	clear
Health	Shaking Puppy Syndrome, X-linked Generalized Tremor Syndrome (PLP1, English Springer Spaniel Variant)	clear
Health	Neuroaxonal Dystrophy, NAD (TECPR2, Spanish Water Dog Variant)	clear
Health	Neuroaxonal Dystrophy, NAD (VPS11, Rottweiler Variant)	clear
Health	L-2-Hydroxyglutaricaciduria, L2HGA (L2HGDH, Staffordshire Bull Terrier Variant)	clear
Health	Neonatal Encephalopathy with Seizures, NEWS (ATF2)	clear

Health	Alaskan Malamute Polyneuropathy, AMPN (NDRG1 SNP)	clear
Health	Narcolepsy (HCRTR2 Intron 4, Doberman Pinscher Variant)	clear
Health	Narcolepsy (HCRTR2 Intron 6, Labrador Retriever Variant)	clear
Health	Narcolepsy (HCRTR2 Exon 1, Dachshund Variant)	clear
Health	Progressive Neuronal Abiotrophy, Canine Multiple System Degeneration, CMSD (SERAC1 Exon 15, Kerry Blue Terrier Variant)	clear
Health	Progressive Neuronal Abiotrophy, Canine Multiple System Degeneration, CMSD (SERAC1 Exon 4, Chinese Crested Variant)	clear
Health	Juvenile Laryngeal Paralysis and Polyneuropathy, Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation, POANV (RAB3GAP1, Rottweiler Variant)	clear
Health	Hereditary Sensory Autonomic Neuropathy, Acral Mutilation Syndrome, AMS (GDNF-AS, Spaniel and Pointer Variant)	clear
Health	Sensory Neuropathy (FAM134B, Border Collie Variant)	clear
Health	Juvenile-Onset Polyneuropathy, Leonberger Polyneuropathy 1, LPN1 (LPN1, ARHGEF10)	clear
Health	Juvenile Myoclonic Epilepsy (DIRAS1)	clear
Health	Juvenile-Onset Polyneuropathy, Leonberger Polyneuropathy 2, LPN2 (GJA9)	clear
Health	Spongy Degeneration with Cerebellar Ataxia 1, SDCA1, SeSAME/EAST Syndrome (KCNJ10)	clear
Health	Spongy Degeneration with Cerebellar Ataxia 2, SDCA2 (ATP1B2)	clear
Health	Dilated Cardiomyopathy, DCM1 (PKD4, Doberman Pinscher Variant 1)	clear
Health	Dilated Cardiomyopathy, DCM2 (TTN, Doberman Pinscher Variant 2)	clear
Health	Dilated Cardiomyopathy, DCM (RBM20, Schnauzer Variant)	clear
Health	Long QT Syndrome (KCNQ1)	clear
Health	Cardiomyopathy and Juvenile Mortality (YARS2)	clear
Health	Muscular Dystrophy (DMD, Cavalier King Charles Spaniel Variant 1)	clear
Health	Muscular Dystrophy (DMD, Golden Retriever Variant)	clear
Health	Ullrich-like Congenital Muscular Dystrophy (COL6A1 Exon 3, Landseer Variant)	clear
Health	Limb Girdle Muscular Dystrophy (SGCD, Boston Terrier Variant)	clear
Health	Ullrich-like Congenital Muscular Dystrophy (COL6A3 Exon 10, Labrador Retriever Variant)	clear
Health	Centronuclear Myopathy, CNM (PTPLA)	clear
Health	Exercise-Induced Collapse, EIC (DNM1)	clear
Health	Inherited Myopathy of Great Danes (BIN1)	clear
Health	Myostatin Deficiency, Bully Whippet Syndrome (MSTN)	clear
Health	Myotonia Congenita (CLCN1 Exon 7, Miniature Schnauzer Variant)	clear
Health	Myotonia Congenita (CLCN1 Exon 23, Australian Cattle Dog Variant)	clear
Health	Nemaline Myopathy (NEB, American Bulldog Variant)	clear
Health	Myotubular Myopathy 1, X-linked Myotubular Myopathy, XL-MTM (MTM1, Labrador Retriever Variant)	clear
Health	Inflammatory Myopathy (SLC25A12)	clear
Health	Hypocatalasia, Acatlasemia (CAT)	clear
Health	Pyruvate Dehydrogenase Deficiency (PDP1, Spaniel Variant)	clear
Health	Malignant Hyperthermia (RYR1)	clear
Health	Imerslund-Grasbeck Syndrome, Selective Cobalamin Malabsorption (CUBN Exon 53, Border Collie Variant)	clear
Health	Imerslund-Grasbeck Syndrome, Selective Cobalamin Malabsorption (CUBN Exon 8, Beagle Variant)	clear
Health	Inherited Selected Cobalamin Malabsorption with Proteinuria (CUBN, Komondor Variant)	clear
Health	Lundehund Syndrome (LEPREL1)	clear
Health	Congenital Myasthenic Syndrome, CMS (CHAT, Old Danish Pointing Dog Variant)	clear
Health	Congenital Myasthenic Syndrome, CMS (COLQ, Labrador Retriever Variant)	clear
Health	Congenital Myasthenic Syndrome, CMS (CHRNE, Jack Russell Terrier Variant)	clear
Health	Congenital Myasthenic Syndrome, CMS (COLQ, Golden Retriever Variant)	clear
Health	Myasthenia Gravis-Like Syndrome (CHRNE, Heiderterrier Variant)	clear
Health	Episodic Falling Syndrome (BCAN)	clear
Health	Paroxysmal Dyskinesia, PxD (PIGN)	clear
Health	Demyelinating Polyneuropathy (SBF2/MTRM13)	clear
Health	Laryngeal Paralysis (RAPGEF6, Miniature Bull Terrier Variant)	clear
Health	Dystrophic Epidermolysis Bullosa (COL7A1, Golden Retriever Variant)	clear
Health	Dystrophic Epidermolysis Bullosa (COL7A1, Central Asian Shepherd Dog Variant)	clear
Health	Ectodermal Dysplasia, Skin Fragility Syndrome (PKP1, Chesapeake Bay Retriever Variant)	clear
Health	Ichthyosis, Epidermolytic Hyperkeratosis (KRT10, Terrier Variant)	clear
Health	Ichthyosis, ICH1 (PNPLA1, Golden Retriever Variant)	clear

Health	Ichthyosis (SLC27A4, Great Dane Variant)	clear
Health	Ichthyosis (NIPAL4, American Bulldog Variant)	clear
Health	Ichthyosis (ASPRV1 Exon 2, German Shepherd Variant)	clear
Health	Focal Non-Epidermolytic Palmoplantar Keratoderma, Pachyonychia Congenita (KRT16, Dogue de Bordeaux Variant)	clear
Health	Hereditary Footpad Hyperkeratosis (FAM83G, Terrier and Kromfohrlander Variant)	clear
Health	Hereditary Footpad Hyperkeratosis (DSG1, Rottweiler Variant)	clear
Health	Hereditary Nasal Parakeratosis, HNPk (SUV39H2)	clear
Health	Musladin-Lueke Syndrome, MLS (ADAMTSL2)	clear
Health	Oculocutaneous Albinism, OCA (SLC45A2, Small Breed Variant)	clear
Health	Oculocutaneous Albinism, OCA (SLC45A2 Exon 6, Bullmastiff Variant)	clear
Health	Bald Thigh Syndrome (IGFBP5)	clear
Health	Lethal Acrodermatitis, LAD (MKLN1)	clear
Health	Ehlers Danlos (ADAMTS2, Doberman Pinscher Variant)	clear
Health	Cleft Lip and/or Cleft Palate (ADAMTS20, Nova Scotia Duck Tolling Retriever Variant)	clear
Health	Cleft Palate, CP1 (DLX6 intron 2, Nova Scotia Duck Tolling Retriever Variant)	clear
Health	Hereditary Vitamin D-Resistant Rickets (VDR)	clear
Health	Oculoskeletal Dysplasia 2, Dwarfism-Retinal Dysplasia 2, drd2, OSD2 (COL9A2, Samoyed Variant)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (COL1A2, Beagle Variant)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (SERPINH1, Dachshund Variant)	clear
Health	Osteogenesis Imperfecta, Brittle Bone Disease (COL1A1, Golden Retriever Variant)	clear
Health	Osteochondrodysplasia, Skeletal Dwarfism (SLC13A1, Poodle Variant)	clear
Health	Skeletal Dysplasia 2, SD2 (COL11A2, Labrador Retriever Variant)	clear
Health	Craniomandibular Osteopathy, CMO (SLC37A2)	clear
Health	Raine Syndrome, Canine Dental Hypomineralization Syndrome (FAM20C)	clear
Health	Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD (FGF4 retrogene - CFA12)	clear
Health	Chondrodystrophy (ITGA10, Norwegian Elkhound and Karelian Bear Dog Variant)	clear
Health	β -Mannosidosis (MANBA Exon 16, Mixed-Breed Variant)	clear
Health	Proportionate Dwarfism (GH1 Exon 5, Chihuahua Variant)	clear
Health	Junctional Epidermolysis Bullosa (LAMB3 Exon 11, Australian Shepherd Variant)	clear
Health	Hypophosphatasia (ALPL Exon 9, Karelian Bear Dog Variant)	clear
Health	Leukodystrophy (TSEN54 Exon 5, Standard Schnauzer Variant)	clear
Health	Mucopolysaccharidosis IIIB, Sanfilippo Syndrome Type B, MPS IIIB (NAGLU, Schipperke Variant)	clear
Health	Hereditary Nasal Parakeratosis (SUV39H2 Intron 4, Greyhound Variant)	clear
Health	Retina Dysplasia and/or Optic Nerve Hypoplasia (SIX6 Exon 1, Golden Retriever Variant)	clear
Health	Spinocerebellar Ataxia (SCN8A, Alpine Dachsbracke Variant)	clear
Health	Stargardt Disease (ABCA4 Exon 28, Labrador Retriever Variant)	clear
Health	Junctional Epidermolysis Bullosa (LAMA3 Exon 66, Australian Cattle Dog Variant)	clear
Health	Progressive Retinal Atrophy (IFT122 Exon 26, Lapponian Herder Variant)	clear
Health	Mucopolysaccharidosis Type VI, Maroteaux-Lamy Syndrome, MPS VI (ARSB Exon 5, Miniature Pinscher Variant)	clear
Health	Pituitary Dwarfism (POU1F1 Intron 4, Karelian Bear Dog Variant)	clear
Health	Succinic Semialdehyde Dehydrogenase Deficiency (ALDH5A1 Exon 7, Saluki Variant)	clear
Health	Craniomandibular Osteopathy, CMO (SLC37A2 Intron 16, Basset Hound Variant)	clear
Health	Early Bilateral Deafness (LOXHD1 Exon 38, Rottweiler Variant)	clear
Health	Limb-Girdle Muscular Dystrophy 2D (SGCA Exon 3, Miniature Dachshund Variant)	clear
Health	Progressive Retinal Atrophy, Bardet-Biedl Syndrome (BBS2 Exon 11, Shetland Sheepdog Variant)	clear
Health	Dental-Skeletal-Retinal Anomaly (MIA3, Cane Corso Variant)	clear
Health	Early Onset Adult Deafness, EOAD (EPS8L2 Deletion, Rhodesian Ridgeback Variant)	clear
Health	Methemoglobinemia (CYB5R3, Pit Bull Terrier Variant)	clear
Health	Disproportionate Dwarfism (PRKG2, Dogo Argentino Variant)	clear
Health	Hereditary Xanthinuria, Xanthinuria Type I (XDH, Mixed Breed Variant)	clear
Health	Intestinal Lipid Malabsorption (ACSL5, Australian Kelpie)	clear
Health	Congenital Cornification Disorder (NSDHL, Chihuahua Variant)	clear
Health	Coefficient Of Inbreeding	0.164968
Health	MHC Class II - DLA DRB1	2

Health	MHC Class II - DLA DQA1 and DQB1	2
Trait	E Locus (MC1R)	EmEm
Trait	K Locus (CBD103)	KBKB
Trait	Intensity Loci	Intermediate
Trait	A Locus (ASIP)	AtAt
Trait	D Locus (MLPH)	DD
Trait	Cocoa (HPS3)	NN
Trait	B Locus (TYRP1)	BB
Trait	Saddle Tan (RALY)	NN
Trait	S Locus (MITF)	SS
Trait	M Locus (PMEL)	mm
Trait	R Locus (USH2A)	rr
Trait	H Locus (Harlequin)	hh
Trait	Furnishings (RSPO2)	FI
Trait	Coat Length (FGF5)	LhLh
Trait	Shedding (MC5R)	CC
Trait	Coat Texture (KRT71)	CC
Trait	Hairlessness (FOXI3)	N/N
Trait	Hairlessness (SGK3)	NN
Trait	Oculocutaneous Albinism Type 2 (SLC45A2)	N/N
Trait	Muzzle Length (BMP3)	CC
Trait	Tail Length (T)	CC
Trait	Hind Dewclaws (LMBR1)	CC
Trait	Blue Eye Color (ALX4)	N/N
Trait	Back Muscling & Bulk, Large Breed (ACSL4)	CC
Trait	Body Size (IGF1)	NI
Trait	Body Size (IGFR1)	GG
Trait	Body Size (STC2)	TT
Trait	Body Size (GHR - E191K)	GG
Trait	Body Size (GHR - P177L)	CC
Trait	Altitude Adaptation (EPAS1)	GG
Trait	Appetite (POMC)	N/N