NEOGEN Canine HealthCheck

Disease or Trait Name	Gene(s)
A Locus (Agouti) - A^y	ASIP
A Locus (Agouti) - a^w/a^t	ASIP
A Locus (Agouti) - a	ASIP
A^s Locus (Saddle Tan)	RALY
B Locus (Brown) - b^a	TYRP1
B Locus (Brown) - b^c	TYRP1
B Locus (Brown) - b^d	TYRP1
B Locus (Brown) - b^e	TYRP1
B Locus (Brown) - b^h	TYRP1
B Locus (Brown) - b^s	TYRP1
Brachycephaly	BMP3
Chondrodysplasia (CDPA)	FGF4
Co Locus (Cocoa, French Bulldog Type)	HPS3
Cu Locus (Curly Hair) - Cu^c	KRT71
D Locus (Dilute) - d^1	MLPH
D Locus (Dilute) - d^2	MLPH
D Locus (Dilute) - d^3	MLPH
E Locus - e^1 (Yellow/Red)	MC1R
E Locus - e^2 (Cream, Australian Cattle Dog Type)	MC1R
E Locus - e^3 (White, Alaskan and Siberian Husky Type)	MC1R
E Locus - e^A (Ancient Red, Spitz and Scent Hound Type)	MC1R
E^g Locus (Grizzle, Afghan Hound)	MC1R
E^h Locus (Sable, Cocker Spaniel)	MC1R
E^m Locus (Melanistic Mask)	MC1R
H Locus (Harlequin, Great Dane)	PSMB7
Hairlessness (American Hairless Terrier Type) - rh^1	SGK3
Hairlessness (Scottish Deerhound Type) - rh^2	SGK3
Hr Locus (FOXI3 Hairless Gene Test, Mexican/Peruvian Hairless & Chinese Crested)	FOXI3
I Locus (Intensity)	MFSD12
IC Locus (Improper Coat/Furnishings)	RSPO2
K Locus (Dominant Black)	CBD103
L Locus (Long Hair/Fluffy) - Lh^1	FGF5
L Locus (Long Hair/Fluffy) - Lh^2	FGF5
L Locus (Long Hair/Fluffy) - Lh^3	FGF5
L Locus (Long Hair/Fluffy) - Lh^4	FGF5
M Locus (Merle)	PMEL
Polydactyly (Common Variant)	LMBR1
Polydactyly (Great Pyrenees Type)	ALX4
R Locus (Roan/Ticked) - R	USH2A
R Locus (Roan/Ticked) - R^{Ti}	USH2A
S Locus (White Spotting, Parti, or Piebald)	MITF
SD Locus (Shedding)	MC5R
Sex Determination	ZFXY
Social Behavior	WBSCR17/GTF21
T Locus (Natural Bobtail)	T
Acral Mutilation Syndrome (AMS, SN)	GDNF
Acute Respiratory Distress Syndrome (ARDS)	ANLN
Adult Paroxysmal Dyskinesia (PxD, cPxD)	PIGN
Afibrinogenemia (Dachshund Type)	FGA
Alaskan Husky Encephalopathy (AHE)	SLC19A3
Alaskan Malamute Polyneuropathy (AMPN)	NDRG1
Amelogenesis Imperfecta (Italian Greyhound Type) (AI, ARAO)	ENAM
Amelogenesis Imperfecta (Parson Russell Terrier Type)	ENAM
Ataxia (Norwegian Buhund Type)	KCNIP4
Benign Familial Juvenile Epilepsy (BFJE)	LGI2
Bernard-Soulier Syndrome	GP9
Canine Multiple System Degeneration (Chinese Crested Type) (CMSD)	SERAC1
Canine Multiple System Degeneration (Kerry Blue Terrier Type) (CMSD, PNA)	SERAC1
Canine Scott Syndrome (CSS)	ANO6
Cardiomyopathy and Juvenile Mortality	YARS2
Catalase Deficiency	CAT
Centronuclear Myopathy (CNM)	PTPLA
Cerebellar Ataxia (Finnish Hound Type)	SEL1L
Cerebellar Ataxia 1 (Belgian Shepherd Type)	KCNJ10
Cerebellar Ataxia 2 (Belgian Shepherd Type)	ATP1B2
Cerebellar Cortical Degeneration	SNX14

Cerebellar Degeneration (HA, CA)	RAB24
Charcot-Marie-Tooth Disease	MTMR13
Chondrodysplasia (Karelian Bear Dog & Norwegian Elkhound Type)	ITGA10
Cleft Palate & Syndactyly (Nova Scotia Duck Tolling Retriever Type) (CP1, CLPS)	ADAMTS20
Coagulation Factor VII Deficiency	F7
Collie Eye Anomaly (CEA, CH)	NHEJ1
Complement 3 Deficiency	C3
Cone Degeneration (CD)	CNGB3
Cone Degeneration (German Shepherd Dog Type) (CD)	CNGA3
Cone Degeneration (German Shorthaired Pointer Type) (CD)	CNGB3
Cone Degeneration (Labrador Retriever Type) (CD)	CNGA3
Congenital Hypothyroidism with Goiter (Terrier Type) (CHG)	TPO
Congenital Idiopathic Megaesophagus Risk Factor (German Shepherd Type)	MCHR2
Congenital Macrothrombocytopenia (Cairn and Norfolk Terrier Type)	TUBB1
Congenital Methemoglobinemia	CYB5R3
Congenital Myasthenic Syndrome (Golden Retriever Type) (CMS)	COLQ
Congenital Myasthenic Syndrome (Jack Russell Terrier Type) (CMS)	CHRNE
Congenital Myasthenic Syndrome (Labrador Retriever Type) (CMS)	COLQ
Congenital Myasthenic Syndrome (Old Danish Pointer Type) (CMS)	CHAT
Congenital Stationary Night Blindness (CSNB, LCA)	RPE65
Copper Storage Disease	COMMD1
Craniomandibular Osteopathy (CMO)	SLC37A2
Cyclic Neutropenia (CH, CN)	AP3B1
Cystinuria (Australian Cattle Dog Type)	SLC3A1
Cystinuria (Labrador Retriever Type)	SLC3A1
Cystinuria (Miniature Pinscher Type)	SLC7A9
Cystinuria (Newfoundland Type)	SLC3A1
Cystinuria Type 3 (Bulldog Risk Factor, Variant 3)	SLC7A9
Cystinuria Type 3 (Bulldog Risk Factor, Variants 1 & 2)	SLC3A1
Dandy-Walker-Like Malformation	VLDLR
Darier Disease and Associated Infundibular Cyst Formation	ATP2A2
Deafness and Vestibular Dysfunction (Doberman Pinscher Type), Variant 2	MYO7A
Degenerative Myelopathy (Bernese Mountain Dog Variant) (DM)	SOD1
Degenerative Myelopathy (Common Variant) (DM)	SOD1
Degenerative Myelopathy Modifier (Pembroke Welsh Corgi Type) (DM)	SP110
Dental Hypomineralization	FAM20C
Diffuse Cystic Renal Dysplasia & Hepatic Fibrosis	INPP5E
Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 1) (DCM)	PDK4
Dilated Cardiomyopathy (Doberman Pinscher Type Risk Factor, Variant 2) (DCM)	TTN
Dilated Cardiomyopathy (Schnauzer Type) (DCM)	RBM20
Dry Eye Curly Coat Syndrome (CKSID)	FAM83H
Dystrophic Epidermolysis Bullosa (Basset Hound Type) (DEB)	COL7A1
Dystrophic Epidermolysis Bullosa (Golden Retriever Type) (DEB)	COL7A1
Early-Onset Adult Deafness (Rhodesian Ridgeback Type)	EPS8L2
Early Retinal Degeneration (ERD)	STK38L
Early-Onset Epilepsy (Parson Russell Terrier Type)	PITRM1
Ectodermal Dysplasia (Chesapeake Bay Retriever Type) (ED)	PKP1
Ectodermal Dysplasia, X-Linked (Dachshund Type) (XLHED)	EDA
Ectodermal Dysplasia, X-Linked (Shepherd Type) (XHED, XLED)	EDA
Ehlers-Danlos Syndrome (Doberman Pinscher Type)	ADAMTS2
Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 1	COL5A1
Ehlers-Danlos Syndrome (Labrador Retriever Type), Variant 2	COL5A1
Ehlers-Danlos Syndrome (Poodle Type, Variant 1) (EDS)	TNXB
Ehlers-Danlos Syndrome (Poodle Type, Variant 2) (EDS)	TNXB
Elliptocytosis	SPTB
Epidermolytic Hyperkeratosis	KRT10
Episodic Falling Syndrome (EDFS)	BCAN
Exercise-Induced Collapse (EIC)	DNM1
Exfoliative Cutaneous Lupus Erythematosus (ECLE)	UNC93B1
Factor XI Deficiency	F11
Familial Nephropathy (Cocker Spaniel Type) (FN, HN)	COL4A4
Familial Nephropathy (English Springer Spaniel Type) (FN, HN)	COL4A4
Fucosidosis	FUCA1
Gallbladder Mucoceles	ABCB4
Glanzmann's Thrombasthenia (Great Pyrenees Type) (GT)	ITGA2B
Glanzmann's Thrombasthenia (Otterhound Type) (GT)	ITGA2B
Glaucoma (Border Collie Type) (PCAD)	OLFML3
Globoid Cell Leukodystrophy (Irish Setter Type) (GLD)	GALC
Globoid Cell Leukodystrophy (Terrier Type) (GLD)	GALC
Glycogen Storage Disease Ia (GSD Ia, GSD1a)	G6PC
Glycogen Storage Disease IIIa (GSD IIIa)	AGL
Glycogen Storage Disease VII (Wachtelhund Type) (GSD VII, PFK deficiency)	PFKM

Glycogen Storage Disease VII, PFK Deficiency (GSD VII, PFK deficiency)	PFKM
GM1 Gangliosidosis (Alaskan Husky Type)	GLB1
GM1 Gangliosidosis (Portuguese Water Dog Type)	GLB1
GM1 Gangliosidosis (Shiba Inu Type)	GLB1
GM2 Gangliosidosis (Japanese Chin Type)	HEXA
GM2 Gangliosidosis (Poodle Type)	HEXB
GM2 Gangliosidosis (Shiba Inu Type)	HEXB
Greyhound Polyneuropathy	NDRG1
Hemophilia A (Boxer Type)	F8
Hemophilia A (German Shepherd Dog, Type 1)	F8
Hemophilia A (German Shepherd Dog, Type 2)	F8
Hemophilia A (Rhodesian Ridgeback Type)	F8
Hemophilia B (Cairn Terrier Type)	F9
Hemophilia B (Lhasa Apso Type)	F9
Hemophilia B (Rhodesian Ridgeback Type)	F9
Hereditary Ataxia (Australian Shepherd Type)	PNPLA8
Hereditary Cataracts (HC, JC)	HSF4
Hereditary Cataracts (Australian Shepherd Type) (HC, HSF4, JC)	HSF4
Hereditary Cataracts (Wirehaired Pointing Griffon Type)	FYCO1
Hereditary Footpad Hyperkeratosis (Irish Terrier & Kromfohrländer Type)	FAM83G
Hereditary Footpad Hyperkeratosis (Rottweiler Type)	DSG1
Hereditary Nasal Parakeratosis (Greyhound Type) (HNPK)	SUV39H2
Hereditary Nasal Parakeratosis (Labrador Retriever Type) (HNPK)	SUV39H2
Hereditary Nephritis (Samoyed Type) (AS, HN, XLHN)	COL4A5
Hyperuricosuria (HUU)	SLC2A9
Hypomyelination (Weimaraner Type) (HYM, HS)	FNIP2
Ichthyosis (American Bulldog Type)	NIPAL4
Ichthyosis (Golden Retriever Type 1)	PNPLA1
Ichthyosis (Golden Retriever Type 2)	ABHD5
Ichthyosis (Great Dane Type)	SLC27A4
Ichthyosis (Jack Russell Terrier Type)	TGM1
Inflammatory Myopathy (Shepherd Type)	SLC35A12
Inherited Myopathy of Great Danes (IMGD)	BIN1
Intervertebral Disc Disease Risk Factor & Chondrodystrophy (CDDY with IVDD)	FGF4
Intestinal Cobalamin Malabsorption (Beagle Type) (I-GS)	CUBN
Intestinal Cobalamin Malabsorption (Border Collie Type)	CUBN
Intestinal Cobalamin Malabsorption (Giant Schnauzer Type)	AMN
Intestinal Lipid Malabsorption	ACSL5
Junctional Epidermolysis Bullosa (Australian Shepherd Type)	LAMB3
Juvenile Laryngeal Paralysis & Polyneuropathy (Black Russian Terrier Type) (JLPP, POANV)	RAB3GAP1
Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback Type)	DIRAS1
L-2-Hydroxyglutaric Aciduria (Staffordshire Bull Terrier Type) (L-2-HGA)	L2HGDH
L-2-Hydroxyglutaric Aciduria (Yorkshire Terrier Type) (L-2-HGA)	L2HGDH
Lagotto Storage Disorder (LSD)	ATG4D
Laryngeal Paralysis and Polyneuropathy (Leonberger Type 3)	CNTNAP1
Late Onset Ataxia (LOA, SCA)	CAPN1
Lethal Acrodermatitis (LAD)	MLKN1
Leukocyte Adhesion Deficiency, Type I (CLAD, LAD-A)	ITGB2
Leukocyte Adhesion Deficiency, Type III (CLAD, LAD-III)	FERMT3
Ligneous Membranitis (LM)	PLG
Limb-Girdle Muscular Dystrophy (Dachshund Type)	SGCA
Lundehund Syndrome (LS)	LEPREL1
Macular Corneal Dystrophy (Labrador Retriever Type) (MCD)	CHST6
Mammary Tumors (English Springer Spaniel Type Risk Factor)	CDK5RAP2
May-Hegglin Anomaly (MHA)	MYH9
Microphthalmia	RBP4
Mucopolysaccharidosis I (Boston Terrier Type) (MPS I)	IDUA
Mucopolysaccharidosis I (Plott Hound Type) (MPS I)	IDUA
Mucopolysaccharidosis IIIA (Dachshund Type) (MPS IIIA)	SGSH
Mucopolysaccharidosis IIIA (New Zealand Huntaway Type) (MPS IIIA)	SGSH
Mucopolysaccharidosis IIIB (Schipperke Type) (MPS IIIB)	NAGLU
Mucopolysaccharidosis VI (Miniature Schnauzer Type) (MPS VI)	ARSB
Mucopolysaccharidosis VII (Brazilian Terrier Type) (MPS VII)	GUSB
Mucopolysaccharidosis VII (Shepherd Type) (MPS VII)	GUSB
Multidrug Resistance 1 (MDR1)	ABCB1
Multifocal Retinopathy 1 (CMR1)	BEST1
Multifocal Retinopathy 2 (CMR2)	BEST1
Multifocal Retinopathy 3 (CMR3)	BEST1
Muscular Dystrophy (Golden Retriever Type) (DMD, GRMD)	DMD
Musladin-Lueke Syndrome (MLS)	ADAMTSL2
Myostatin Deficiency (Whippet & Longhaired Whippet Type)	MSTN
Myotonia Congenita (Australian Cattle Dog Type)	CLCN1

Myotonia Congenita (Labrador Retriever Type)	CLCN1
Myotonia Congenita (Schnauzer Type)	CLCN1
Myotubular Myopathy 1 (Boykin Spaniel Type) (MTM1, XLMTM)	MTM1
Myotubular Myopathy 1 (Labrador Retriever Type) (MTM1, XLMTM)	MTM1
Myotubular Myopathy 1 (Rottweiler Type) (MTM1, XLMTM)	MTM1
Narcolepsy (Dachshund Type)	HCRTR2
Narcolepsy (Doberman Pinscher Type)	HCRTR2
Narcolepsy (Labrador Retriever Type)	HCRTR2
Neonatal Ataxia	GRM1
Neonatal Cerebellar Cortical Degeneration (NCCD)	SPTBN2
Neonatal Encephalopathy with Seizures (NEWS)	ATF2
Neuroaxonal Dystrophy (Giant Schnauzer Type) (NAD)	MFN2
Neuroaxonal Dystrophy (Papillon Type) (NAD)	PLA2G6
Neuroaxonal Dystrophy (Rottweiler Type) (NAD)	VPS11
Neuroaxonal Dystrophy (Spanish Water Dog Type) (NAD)	TECPR2
Neuronal Ceroid Lipofuscinosis (Tibetan Terrier Type) (NCL)	ATP13A2
Neuronal Ceroid Lipofuscinosis 1 (Cane Corso Type) (NCL, NCL1)	PPT1
Neuronal Ceroid Lipofuscinosis 1 (NCL, NCL1)	PPT1
Neuronal Ceroid Lipofuscinosis 10 (NCL, NCL10)	CTSD
Neuronal Ceroid Lipofuscinosis 12 (NCL, NCL12)	ATP13A2
Neuronal Ceroid Lipofuscinosis 2 (NCL, NCL2)	TPP1
Neuronal Ceroid Lipofuscinosis 4A (NCL, NCL4A)	ARSG
Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type) (NCL, NCL5)	CLN5
Neuronal Ceroid Lipofuscinosis 5 (Herding Dog Type) (NCL, NCL5)	CLN5
Neuronal Ceroid Lipofuscinosis 6 (NCL, NCL6)	CLN6
Neuronal Ceroid Lipofuscinosis 7 (NCL, NCL7)	MFSD8
Neuronal Ceroid Lipofuscinosis 8 (Australian Shepherd Type) (NCL, NCL8)	CLN8
Neuronal Ceroid Lipofuscinosis 8 (Setter Type) (NCL, NCL8)	CLN8
Nonsyndromic Hearing Loss (Rottweiler Type)	LOXHD1
Oculocutaneous Albinism (Doberman Pinscher Type) (OCA)	SLC45A2
Oculocutaneous Albinism (Small Breed Type) (OCA)	SLC45A2
Osteochondrodysplasia	SLC13A1
Osteogenesis Imperfecta (Beagle Type) (OI)	COL1A2
Osteogenesis Imperfecta (Dachshund Type) (OI)	SERPINH1
Osteogenesis Imperfecta (Golden Retriever Type) (OI)	COL1A1
P2RY12 Receptor Platelet Disorder	P2RY12
Pancreatitis (Miniature Schnauzer Type Risk Factor)	SPINK1
Pembroke Welsh Corgi Duchenne Muscular Dystrophy (DMD)	DMD
Persistent Müllerian Duct Syndrome (PMDS)	AMHR2
Pituitary Dwarfism (Shepherd Type)	LHX3
Polyneuropathy (Leonberger & Saint Bernard Type) (PN)	ARHGEF10
Polyneuropathy (Leonberger Type 2) (PN, LPN2)	GJA9
Polyneuropathy with Ocular Abnormalities & Neuronal Vacuolation (POANV, WMS1)	RAB3GAP1
Pompe Disease (GSD II)	GAA
Prekallikrein Deficiency	KLKB1
Primary Ciliary Dyskinesia (Alaskan Malamute Type) (PCD)	NME5
Primary Ciliary Dyskinesia (Old English Sheepdog Type) (PCD)	CCDC39
Primary Hyperoxaluria (PH1)	AGXT
Primary Lens Luxation (PLL)	ADAMTS17
Primary Open Angle Glaucoma (POAG)	ADAMTS10
Primary Open Angle Glaucoma (Basset Fauve de Bretagne Type) (POAG)	ADAMTS17
Primary Open Angle Glaucoma (Basset Hound Type) (POAG)	ADAMTS17
Primary Open Angle Glaucoma (Norwegian Elkhound Type) (POAG)	ADAMTS10
Primary Open Angle Glaucoma & Primary Lens Luxation (Shar Pei Type) (POAG/PLL)	ADAMTS17
Progressive Retinal Atrophy (Basenji Type) (PRA)	SAG
Progressive Retinal Atrophy (Bullmastiff/Mastiff Type) (PRA-D)	RHO
Progressive Retinal Atrophy (Giant Schnauzer Type) (PRA, PRA5)	NECAP1
Progressive Retinal Atrophy (Irish Setter Type) (PRA-rcd1)	PDE6B
Progressive Retinal Atrophy (Shetland Sheepdog Type) (CNGA1-PRA, PRA)	CNGA1
Progressive Retinal Atrophy (Sloughi Type Type) (PRA-rcd1a)	PDE6B
Progressive Retinal Atrophy, Cone-Rod Dystrophy (Dachshund Type) (PRA-crd)	NPHP4
Progressive Retinal Atrophy, Cone-Rod Dystrophy 1 (American Staffordshire Terrier Type) (PRA-crd1)	PDE6B
Progressive Retinal Atrophy, Cone-Rod Dystrophy 2 (American Staffordshire Terrier Type) (PRA-crd2)	IQCB1
Progressive Retinal Atrophy, Cone-Rod Dystrophy 3 (Glen of Imaal Terrier Type) (PRA-crd3)	ADAM9
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4 (PRA-crd4/cord1)	RPGRIP1
Progressive Retinal Atrophy, Early Onset (Spanish Water Dog Type)	PDE6B
Progressive Retinal Atrophy, Early-Onset (Portuguese Water Dog Type)	CCDC66
Progressive Retinal Atrophy, Generalized (Schapendoes Type) (Gpra)	CCDC66
Progressive Retinal Atrophy, Golden Retriever 1 (GR-PRA, GR1-PRA)	SLC4A3
Progressive Retinal Atrophy, Golden Retriever 2 (GR-PRA2, GR2-PRA)	TTC8
Progressive Retinal Atrophy, Late-Onset (Lapponian Herder Type)	IFT122
Progressive Retinal Atrophy, PRA1 (Papillon Type) (PRA, PRA1)	CNGB1

Progressive Retinal Atrophy, PRA3 (Tibetan Terrier & Spaniel Type) (PRA3)	FAM161A
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration (PRA-prcd, PRCD)	PRCD
Progressive Retinal Atrophy, Rod-Cone Dysplasia 3 (PRA-rcd3)	PDE6A
Progressive Retinal Atrophy, Rod-Cone Dysplasia 4 (PRA-rcd4)	C2ORF71
Progressive Retinal Atrophy, Syndromic Retinal Degeneration (Shetland Sheepdog Type)	BBS2
Progressive Retinal Atrophy, X-Linked 1 (Husky Type) (XLPRA1)	RPGR
Progressive Retinal Atrophy, X-linked 2 (XLPRA2)	RPGR
Protein Losing Nephropathy - Variant 1 (PLN)	KIRREL2
Protein Losing Nephropathy - Variant 2 (PLN)	NPHS1
Pyruvate Dehydrogenase Deficiency (PDP1)	PDP1
Pyruvate Kinase Deficiency (Basenji Type) (PKD)	PKLR
Pyruvate Kinase Deficiency (Beagle Type) (PKD)	PKLR
Pyruvate Kinase Deficiency (Labrador Retriever Type) (PKD)	PKLR
Pyruvate Kinase Deficiency (Pug Type Type) (PKD)	PKLR
Pyruvate Kinase Deficiency (Terrier Type) (PKD)	PKLR
Recurrent Inflammatory Pulmonary Disease (IPD)	AKNA
Renal Cystadenocarcinoma & Nodular Dermatofibrosis	FLCN
Retinal Dysplasia/Oculoskeletal Dysplasia 1 (OSD1, DRD1, RD/OSD1)	COL9A3
Retinal Dysplasia/Oculoskeletal Dysplasia 2 (OSD2, DRD2, RD/OSD2)	COL9A2
Sensory Neuropathy (Border Collie Type) (SN)	FAM134B
Severe Combined Immunodeficiency Disease (Terrier Type) (SCID)	PRKDC
Severe Combined Immunodeficiency Disease (Wetterhound Type) (SCID)	RAG1
Severe Combined Immunodeficiency Disease, X-Linked (Basset Hound Type) (XSCID)	IL2RG
Severe Combined Immunodeficiency Disease, X-Linked (Corgi Type) (XSCID)	IL2RG
Shar-Pei Autoinflammatory Disease (SPAID)	MTBP
Skeletal Dysplasia 2 (SD2)	COL11A2
Spinal Dysraphism	NKX2-8
Spinocerebellar Ataxia (Alpine Dachsbrake Type) (SCA)	SCN8A
Spinocerebellar Ataxia (Terrier Type) (SCA)	KCNJ10
Spondylocostal Dysostosis (SCD)	HES7
Stargardt Disease (STGD)	ABCA4
Startle Disease	SLC6A5
Subacute Necrotizing Encephalopathy (Yorkshire Terrier Type)	SLC19A3
Thrombopathia (American Eskimo Dog Type)	RASGRP1
Thrombopathia (Basset Hound Type)	RASGRP1
Thrombopathia (Newfoundland Type)	RASGRP1
Trapped Neutrophil Syndrome (TNS)	VPS13B
Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 1)	COL6A3
Ullrich Congenital Muscular Dystrophy (Labrador Retriever Type 2)	COL6A3
Urolithiasis (Native American Indian Dog Type)	APRT
Van Den Ende-Gupta Syndrome (VDEGS)	SCARF2
Von Willebrand Disease I (VWDI)	VWF
Von Willebrand Disease II (VWDII)	VWF
Von Willebrand Disease III (Kooikerhondje Type) (VWDIII)	VWF
Von Willebrand Disease III (Scottish Terrier Type) (VWDIII)	VWF
Von Willebrand Disease III (Shetland Sheepdog Type) (VWDIII)	VWF