

LIST OF CANINE GENETIC DISEASES AVAILABLE WORLDWIDE

The list below shows all the genetic tests that are available from various laboratories around the world. The disease highlighted in bold are those that are currently offered by Genetic Technologies.

DISEASE	BREED
Canine Leukocyte Adhesion Deficiency (CLAD)	Irish Setter
Canine Multifocal Retinopathy (CMR)	Mastiff, Bull Mastiff, Dogue de Bordeaux
CentroNuclear Myopathy (CNM)	Labrador Retriever
Cobalamin Malabsorption	Giant Schnauzer
Collie Eye Anamoly (CEA/CH)	Border Collie, Collie (Smooth/Rough), Lancashire Heelers
	Shetland Sheepdog, Australian Shepherd, Nova Scotia Duck Tolling Retriever,
	German Shorthaired Pointer
Cone Degeneration (CD)	
Congenital Stationary Night Blindness (CSNB)	Briard
Congenital Hypothyroidism with Goiter (CHG)	Toy Fox Terrier
Copper Toxicosis (CT)	Bedlington Terrier
Cystinuria (CYN)	Newfoundland, Labrador Retriever
Dermoid Sinus	
Epilepsy (EPS)	German Shorthaired Pointer
Exercise Induced Collapse (EIC)	Labrador Retriever
Factor VII Deficiency	Beagle
Factor XI Deficiency	Kerry Blue Terrier
Fanconi Syndrome (FNS)	Basenji, Norwegian Elkhound
Fucosidosis (FS)	English Springer Spaniel
Glanzmann's Thrombasthenia (Type 1)	Great Pyrenees Otterhound
Globoid Cell Leukodystrophy/ Krabbe's Disease (GCL)	Cairn Terrier, West Highland White Terrier
Glycogen Storage Disease Type IIIa (GSD)	Curly Coated Retriever
Gray Collie Syndrome (canine cyclic neutropenia) (GCS)	Collies (Rough & Smooth)
GM1 – Gangliosidosis (GM1)	Portuguese Water Dog
Haemophilia B (HMB)	Airedale Terrier, Bull Terrier, Labrador Retriever, Lhaso Apso
Hereditary Cataract (HC)	Staffordshire Bull Terrier, Boston Terrier
Hereditary Nephropathy (ARHN)	English Cocker Spaniel
Ivermectin Sensitivity MDR1 (IVM)	Collie (Rough), Australian Shepherd, Old English Sheep Dog
Juvenile Hereditary Cataract (JHC)	Boston Terrier
Juvenile Cardiomyopathy (JCM)	Portuguese Water Dog
L-2-hydroxyglutaric aciduria (L2-HGA)	Staffordshire Bull Terrier
Long Hair Gene	Various Breed
Methylmalonic Aciduria – Cobolamin Malabsorbtion	Beagle, Border Collie, Giant Schnauzer, Shar Pei
Merle (MRL)	All Breeds
Mucopolysaccharidosis (MPS)	Schipperke, Miniature Pinscher, Miniature Schnauzer

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Muscular Dystrophy X-linked (MDX)	Golden Retriever
Myotonia Congenita	Miniature Schnauzer
Narcolepsy (NARC)	Dobermann, Labrador Retriever, Dachshund
Natural Bob Tail (NBT)	Boxer, Tenterfield Terrier, Australian Shepherd, Boxer, Rottweiler, Dobermann Swedish Valhunds (various breeds)
Neonatal Encephalopathy (NEN)	Poodle (Standard)
Neuronal Ceroid Lipofuscinosis (NCL)	Border Collie, American Bulldog
Neuronal Ceroid Lipofuscinosis (NCL)	Dachshund, English Setter
Phosphofruktokinase Deficiency (PFK)	American Cocker Spaniel, English Springer Spaniel
Progressive Retinal Atrophy (Dominant)	Bullmastiff, Mastiff (English)
Progressive Retinal Atrophy (Type A)	Miniature Schnauzer
Progressive Retinal Atrophy (X-linked)	Samoyed, Siberian Husky
Progressive Retinal Atrophy (prcd)	Australian Cattle Dog, Labrador Retriever, Aust Stumpy Tail, Portuguese Water Dog, Poodle (Miniature and Toy), Chinese Crested, Hungarian Kuvasz, Nova Scotia Duck, English Cocker Spaniel, Swedish Lapphund, Finnish Lapphund, American Cocker Spaniel, Chesapeake Bay Retriever, Kuvasz, Labradoodle, Cockapoo
Progressive Retinal Atrophy (Rcd1)	Irish Setter
Progressive Retinal Atrophy (cord 1 PRA)	Miniature Long-Haired Dachshund, Miniature Smooth Haired Dachshund, Mini-Wired Dachshund, English Springer Spaniel
Progressive Retinal Atrophy (rcd 3)	Cardigan Welsh Corgi
Progressive Retinal Atrophy (rcd1a)	Sloughi
Primary Hyperparathyroidism (PHPT)	Keeshound
Pyruvate Kinase Deficiency (PK)	Beagle, Cairn Terrier, Chihuahua, Dachshund, Basenji , West Highland White Terrier
Pyruvate Dehydrogenase Phosphatase Deficiency (PDH)	Clumber Spaniel, Sussex Spaniel
Renal Dysplasia (Juvenile) (JRD)	Boxers, Lhasa Apso, Miniature Schnauzer, Poodles (Standard) Shih Tzu, Soft Coated Wheaten Terrier, Cocker Spaniel, German Shepherd, Golden Retriever
Ridge Gene	Rhodesian Ridgeback
Severe Combined Immunodeficiency (SCID)	Basset Hound, Cardigan & Pembroke Welsh Corgi
Thrombopathia	Basset Hound
Trapped Neutrophil Syndrome (TNS)	Border Collie
Von Willebrand's Disease (vWD) Type I, II and III	Australian Terrier, Burnese Mountain Dog, Dobermann, Papillon, Pembroke Welsh Corgi, Shetland Sheepdog, Poodle (Standard), Scottish Terrier, German Pinscher, Kerry Blue Terrier,