DNA testen die onze honden krijgen

H673 Degeneratieve Myelopatie, **DM**

H723 Multidrug Resistance gen 1, **MDR1**

H474 CombiBreed FCI Rasgroep 01

- H306 Multifocale Retinopatie 3 (cmr3) 1
- H307 Multifocale Retinopatie 3 (cmr3) 2
- H360 Galblaas Mucocelie
- H367 IGS (Selectieve Cobalamine Malabsorptie) 2
- H414 Primaire Ciliary Dyskinesia
- H421 Heuplaxiteit 2
- H434 Dilated Cardiomyopathy (DCM)
- H484 CLAD, Type III
- H487 Brachyurie (Bobtail)
- H489 Dermatofibrose
- H498 Myotonia Congenita 2
- H721 Neuronal ceroid lipofuscinosis (NCL) 5
- H728 CSNB (Congenital Stationary Night Blindness) H745 X-SCID
- H748 Mucopolysaccharidose Type VII
- H752 Gray Collie Syndroom (Cyclische Neutropenie)
- H770 rcd3 PRA
- H787 Trapped Neutrophil Syndrome (TNS)
- H809 Erfelijk Cataract (HC) - HSF4
- H811 Hyperuricemie (HUU)
- H849 Primaire Lens Luxatie (PLL)
- H871 CMR1 (Canine Multifocal Retinopathy)
- H872 Hypofysaire dwerggroei
- H915 gPRA
- H919 Heuplaxiteit 1

Genoscooper via Feragen (MydogDNA)

Bloedaandoeningen

- Canine Leukocyte Adhesion Deficiency (CLAD), type III
- Cone Degeneration, (CD) or Achromatopsia; mutation originally found in German Shepherd Dog
- Factor VIII Deficiency or Hemophilia A; mutation originally found in German Shepherd Dog
- Factor VIII Deficiency or Hemophilia A; p.Cys548Tyr mutation originally found in German Shepherd
- Hyperuricosuria, (HUU)
- Mucopolysaccharidosis Type VII, (MPS VII); mutation originally found in German Shepherd
- Renal Cystadenocarcinoma and Nodular Dermatofibrosis, (RCND)
- X-Linked Ectodermal Dysplasia, (XHED)
- Bleeding disorder due to P2RY12 defect
- Canine Cyclic Neutropenia, Cyclic Hematopoiesis, Grey Collie Syndrome, (CN)
- Factor IX Deficiency or Hemophilia B; mutation Gly379Glu
- Factor IX Deficiency or Hemophilia B; mutation originally found in Airedale Terrier
- Factor IX Deficiency or Hemophilia B; mutation originally found in German Wirehaired Pointer

- Factor IX Deficiency or Hemophilia B; mutation originally found in Lhasa Apso
- Factor VII Deficiency
- Factor VIII Deficiency or Hemophilia A; mutation originally found in Boxer
- Factor VIII Deficiency or Hemophilia A; mutation originally found in Old English Sheepdog
- Factor XI Deficiency
- Glanzmann Thrombasthenia Type I, (GT); mutation originally found in mixed breed dogs
- Glanzmann Thrombasthenia Type I, (GT); mutation originally found in Pyrenean Mountain Dog
- Hereditary Elliptocytosis
- Hereditary Phosphofructokinase (PFK) Deficiency
- Macrothrombocytopenia; disease-linked variant originally found in Norfolk and Cairn Terrier
- May-Hegglin Anomaly (MHA)
- Prekallikrein Deficiency
- Pyruvate Kinase Deficiency; mutation originally found in Beagle
- Pyruvate Kinase Deficiency; mutation originally found in Pug
- Pyruvate Kinase Deficiency; mutation originally found in West Highland White Terrier
- Thrombopathia; mutation originally found in Basset Hound
- Thrombopathia; mutation originally found in Eskimo Spitz
- Thrombopathia; mutation originally found in Landseer
- Trapped Neutrophil Syndrome, (TNS)
- Von Willebrand's Disease (vWD) Type 1
- Von Willebrand's Disease (vWD) Type 3; mutation originally found in Kooikerhondje
- Von Willebrand's Disease (vWD) Type 3; mutation originally found in Scottish Terrier
- Von Willebrand's Disease (vWD) Type 3; mutation originally found in Shetland Sheepdog

Hartaandoeningen

- Dilated Cardiomyopathy, (DCM); mutation originally found in Schnauzer
- Long QT Syndrome

Huidaandoeningen

- Dystrophic Epidermolysis Bullosa; mutation originally found in Central Asian Ovcharka
- Dystrophic Epidermolysis Bullosa; mutation originally found in Golden Retriever
- Epidermolytic Hyperkeratosis
- Focal Non-Epidermolytic Palmoplantar Keratoderma, (FNEPPK); mutation originally found in Dogue de Bordeaux
- Golden Retriever Ichthyosis
- Hereditary Footpad Hyperkeratosis, (HFH)
- Ichthyosis; mutation originally found in American Bulldog
- Ichthyosis; mutation originally found in Great Dane
- Lamellar Ichthyosis, (LI)
- Ligneous Membranitis
- Musladin-Lueke syndrome, (MLS)

Endocriene afwijkingen

- Congenital Hypothyroidism; mutation originally found in Tenterfield Terrier
- Congenital Hypothyroidism; mutation originally found in Toy Fox and Rat Terrier

Immunologische afwijkingen

- Autosomal Recessive Severe Combined Immunodeficiency, (ARSCID)
- Complement 3 (C3) Deficiency
- Myeloperoxidase Deficiency
- Severe Combined Immunodeficiency in Frisian Water Dogs, (SCID)
- X-Linked Severe Combined Immunodeficiency (XSCID); mutation originally found in Basset Hound
- X-Linked Severe Combined Immunodeficiency (XSCID); mutation originally found in Cardigan Welsh Corgi

Stofwisselingsafwijkingen

- Glycogen Storage Disease Type Ia, (GSD Ia)
- Glycogen Storage Disease Type II or Pompe's Disease, (GSD II)
- Glycogen Storage Disease Type IIIa, (GSD IIIa)
- Hypocatalasia or Acatalasemia
- Intestinal Cobalamin Malabsorption or Imerslund-Gräsbeck Syndrome, (IGS); mutation originally found in Beagle
- Intestinal Cobalamin Malabsorption or Imerslund-Gräsbeck Syndrome, (IGS); mutation originally found in Border Collie
- Mucopolysaccharidosis Type IIIA, (MPS IIIA); mutation originally found in Dachshund
- Mucopolysaccharidosis Type IIIA, (MPS IIIA); mutation originally found in New Zealand Huntaway
- Mucopolysaccharidosis Type VII, (MPS VII); mutation originally found in Brazilian Terrier
- Pyruvate Dehydrogenase Phosphatase 1 (PDP1) Deficiency

Spierafwijkingen

- Cavalier King Charles Spaniel Muscular Dystrophy, (CKCS-MD)
- Centronuclear Myopathy, (CNM); mutation originally found in Great Dane
- Centronuclear Myopathy, (CNM); mutation originally found in Labrador Retriever
- Duchenne or Dystrophin Muscular Dystrophy, (DMD); mutation originally found in Golden Retriever
- Duchenne or Dystrophin Muscular Dystrophy, (DMD); mutation originally found in Norfolk Terrier
- Muscular Dystrophy, Ullrich-type; mutation originally found in Landseer
- Myostatin deficiency (Double Muscling, "Bully")
- Myotonia Congenita; mutation originally found in Australian Cattle Dog
- Myotonia Congenita; mutation originally found in Miniature Schnauzer
- Myotubular Myopathy; mutation originally found in Rottweiler
- Nemaline Myopathy; mutation originally found in American Bulldog
- X-Linked Myotubular Myopathy

Neurologische afwijkingen

- Alaskan Husky Encephalopathy, (AHE)
- Alexander Disease (AxD); mutation originally found in Labrador Retriever
- Bandera's Neonatal Ataxia, (BNAt)
- Benign Familial Juvenile Epilepsy or Remitting Focal Epilepsy
- Cerebellar Cortical Degeneration, (CCD); mutation originally found in Vizsla
- Cerebral Dysfunction; mutation originally found in Friesian Stabyhoun

- Dandy-Walker-Like Malformation (DWLM); mutation originally found in Eurasier
- Early-Onset Progressive Polyneuropathy; mutation originally found in Alaskan Malamute
- Early-Onset Progressive Polyneuropathy; mutation originally found in Greyhound
- Fetal Onset Neuroaxonal Dystrophy, (FNAD)
- Hereditary Ataxia or Cerebellar Ataxia; mutation originally found in Old English Sheepdog and Gordon Setter
- Hyperekplexia or Startle Disease
- Hypomyelination; mutation originally found in Weimaraner
- Juvenile Myoclonic Epilepsy, (JME); mutation originally found in Rhodesian Ridgeback
- L-2-Hydroxyglutaric aciduria, (L2HGA); mutation originally found in Staffordshire Bull Terrier
- L-2-Hydroxyglutaric aciduria, (L2HGA); mutation originally found in West Highland White Terrier
- Lagotto Storage Disease, (LSD)
- Neonatal Cerebellar Cortical Degeneration or Cerebellar Abiotrophy, (NCCD)
- Neonatal Encephalopathy with Seizures, (NEWS)
- Neuroaxonal Dystrophy (NAD); mutation originally found in Spanish Water Dog
- Neuronal Ceroid Lipofuscinosis 1, (NCL1); mutation originally found in Dachshund
- Neuronal Ceroid Lipofuscinosis 10, (NCL10); mutation originally found in American Bulldog
- Neuronal Ceroid Lipofuscinosis 5, (NCL5); mutation originally found in Border Collie
- Neuronal Ceroid Lipofuscinosis 8, (NCL8); mutation originally found in Alpine Dachsbracke
- Neuronal Ceroid Lipofuscinosis 8, (NCL8); mutation originally found in Australian Shepherd
- Neuronal Ceroid Lipofuscinosis 8, (NCL8); mutation originally found in English Setter
- Neuronal Ceroid Lipofuscinosis, (NCL7); mutation originally found in Chinese Crested Dog and Chihuahua
- Polyneuropathy with ocular abnormalities and neuronal vacuolation, (POANV); mutation originally found in Black Russian Terrier
- Progressive Early-Onset Cerebellar Ataxia; mutation originally found in Finnish Hound
- Sensory Neuropathy; mutation originally found in Border Collie
- Spinal Dysraphism
- Spinocerebellar Ataxia with Myokymia and/or Seizures (SCA)
- Spinocerebellar Ataxia/ Late-Onset Ataxia (SCA, LOA)
- Spongy degeneration with cerebellar ataxia, (SDCA1); mutation originally found in Belgian Shepherd Dog
- X-Linked Tremors; mutation originally found in English Springer Spaniel

Neuromusculaire afwijkingen

- Congenital Myasthenic Syndrome (CMS); mutation originally found in Labrador Retriever
- Congenital Myasthenic Syndrome, (CMS); mutation originally found in Jack Russell Terrier
- Congenital Myasthenic Syndrome, (CMS); mutation originally found in Old Danish Pointing Dog
- Globoid Cell Leukodystrophy or Krabbe Disease, (GLD); mutation originally found in Irish Setter
- Globoid Cell Leukodystrophy or Krabbe Disease, (GLD); mutation originally found in Terriers
- GM1 Gangliosidosis; mutation originally found in Alaskan Husky
- GM1 Gangliosidosis; mutation originally found in Portuguese Water Dog
- GM1 Gangliosidosis; mutation originally found in Shiba Dog
- GM2 Gangliosidosis, mutation originally found in Japanese Chin
- GM2 Gangliosidosis; mutation originally found in Toy Poodle
- Paroxysmal Dyskinesia, (PxD); mutation originally found in Irish Soft Coated Wheaten Terrier

Oculaire afwijkingen (DNA)

- Canine Multifocal Retinopathy 1, (CMR1); Mastiff-related breeds mutation
- Canine Multifocal Retinopathy 2, (CMR2); mutation originally found in Coton de Tulear
- Canine Multifocal Retinopathy 3, (CMR3); mutation originally found in Lapponian Herder
- Cone Degeneration, (CD) or Achromatopsia; mutation originally found in Alaskan Malamute
- Cone Degeneration, (CD) or Achromatopsia; mutation originally found in German Shorthaired Pointer
- Cone-Rod Dystrophy 1, (crd1); mutation originally found in American Staffordshire Terrier
- Cone-Rod Dystrophy 2, (crd2); mutation originally found in American Pit Bull Terrier
- Cone-Rod Dystrophy, (cord1-PRA / crd4)
- Cone-Rod Dystrophy, Standard Wirehaired Dachshund, (crd SWD)
- Congenital Stationary Night Blindness (CSNB)
- Dominant Progressive Retinal Atrophy, (DPRA)
- Generalized Progressive Retinal Atrophy
- Golden Retriever Progressive Retinal Atrophy 1, (GR_PRA 1)
- Primary Hereditary Cataract (PHC); mutation originally found in Australian Shepherd
- Primary lens luxation (PLL) and glaucoma; mutation originally found in Shar Pei
- Primary Lens Luxation, (PLL)
- Primary Open Angle Glaucoma (POAG); mutation originally found in Petit Basset Griffon Vendeen
- Primary Open Angle Glaucoma, (POAG); mutation originally found in Beagle
- Primary Open Angle Glaucoma, (POAG); mutation originally found in Norwegian Elkhound
- Primary Open Angle Glaucoma; mutation originally found in Basset Fauve de Bretagne
- Progressive Retinal Atrophy Type III, (PRA type III); mutation originally found in Tibetan Spaniel and Tibetan Terrier
- Progressive Retinal Atrophy, (CNGA1-PRA); mutation originally found in Shetland Sheepdog
- Progressive Retinal Atrophy, (PAP1_PRA); mutation originally found in Papillon and Phalene
- Progressive Retinal Atrophy, (PRA); mutation originally found in Basenji
- Progressive Retinal Atrophy; mutation originally found in Swedish Vallhund
- Rod-Cone Dysplasia 1, (rcd1); mutation originally found in Irish Setter
- Rod-Cone Dysplasia 1a, (rdc1a); mutation originally found in Sloughi
- Rod-Cone Dysplasia 3, (rcd3)
- X-Linked Progressive Retinal Atrophy 1, (XLPRA1)
- X-Linked Progressive Retinal Atrophy 2, (XLPRA2)

Andere afwijkingen (DNA)

- Acute Respiratory Distress Syndrome, (ARDS); mutation originally found in Dalmatian
- Amelogenesis Imperfecta, (AI)
- Congenital Keratoconjunctivitis Sicca and Ichthyosiform Dermatosis, (CKCSID)
- Dental Hypomineralisation; mutation originally found in Border Collie
- Narcolepsy; mutation originally found in Dachshund
- Narcolepsy; mutation originally found in Doberman Pinscher
- Narcolepsy; mutation originally found in Labrador Retriever
- Persistent Müllerian Duct Syndrome, (PMDS); mutation originally found in Miniature Schnauzer
- Primary Ciliary Dyskinesia, (PCD)

Nier afwijkingen

- Cystinuria Type I-A; mutation originally found in Newfoundland Dog
- Cystinuria Type II-A; mutation originally found in Australian Cattle Dog
- Cystinuria, Type II-B; mutation originally found in Miniature Pinscher
- Fanconi Syndrome
- Polycystic Kidney Disease in Bull Terriers, (BTPKD)
- Primary Hyperoxaluria, (PH); mutation originally found in Coton de Tulear
- Protein Losing Nephropathy, (PLN); NPHS1 gene variant
- X-Linked Hereditary Nephropathy, (XLHN)
- X-Linked Hereditary Nephropathy, (XLHN); mutation originally found in Navasota Dog
- Xanthinuria, Type 1a; mutation originally found in mixed breed dogs
- Xanthinuria, Type 2a; mutation originally found in Toy Manchester Terrier
- Xanthinuria, Type 2b; mutation originally found in Cavalier King Charles Spaniel and English Cocker Spaniel

Skelet afwijkingen

- Chondrodysplasia; mutation originally found in Norwegian Elkhound and Karelian Bear Dog
- Cleft Palate; Cleft Lip and Palate with Syndactyly; ADAMTS20 gene mutation originally found in Nova Scotia Duck Tolling Retriever
- Cleft Palate; DLX6 gene mutation originally found in Nova Scotia Duck Tolling Retriever
- Craniomandibular Osteopathy, (CMO); mutation associated with terrier breeds
- Hereditary Vitamin D-Resistant Rickets, (HVDRR)
- Oculoskeletal Dysplasia 2 or Dwarfism-Retinal Dysplasia 2, (OSD2)
- Osteochondrodysplasia; mutation originally found in Miniature Poodle
- Osteogenesis Imperfecta, (OI); mutation originally found in Beagle
- Osteogenesis Imperfecta, (OI); mutation originally found in Dachshund
- Skeletal Dysplasia 2, (SD2)
- Spondylocostal Dysostosis
- Van den Ende-Gupta Syndrome, (VDEGS)

Geneesmiddelen sensitiviteit

- Malignant Hyperthermia (MH)
- Multi-Drug Resistance 1, (MDR1)

Uiterlijke kenmerken

- Colour Locus E – Extensions
- Colour Locus B – Brown
- Colour Locus K - Dominant Black
- Colour Locus A – Agouti
- Colour Locus S - Piebald or extreme white spotting
- Colour Locus H – Harlequin
- Colour Locus D - Dilution
- Locus C – Albinism
- Locus M – Merle
- Saddle Tan Pattern
- Coat Length

- Furnishings / Improper Coat in Portuguese Water Dogs
- Curly coat
- FGF4 insertion
- GHR1 (p.E191K)
- GHR2 (p.P177L)
- HMGA2
- IGF1 (chr15:41221438)
- IGF1R c.611G>A (p.Arg204His)
- STC2 (chr4:39182836)
- Skull shape BMP3 c.1344C>A (p.Phe448Leu)
- Bobtail T c.189C>G (p.Ile63Met)
- Ear flop chr10:11072007