



x = Analyser som ingår i DogCheck 4.0.

xP\* = Ingår endast i versionen utökad analys.

Category	Gene(s)	Diseases & coat colors & body characteristics	Abk. / Abb.	4.0
Coat color	ASIP	A Locus (Agouti) - a		x
Coat color	ASIP	A Locus (Agouti) - a A Locus (Agouti) - A <sup>y</sup>		x
Coat color	ASIP	A Locus (Agouti) - a <sup>w</sup> /a <sup>t</sup>		x
Disease	GDNF	Acral Mutilation Syndrome	AMS	x
Disease	ANLN	Acute Respiratory Distress Syndrome	ARDS	x
Disease	PIGN	Adult Paroxysmal Dyskinesia	PxD	
Disease	SLC19A3	Alaskan Husky Encephalopathy	AHE	x
Disease	NDRG1	Alaskan Malamute Polyneuropathy	AMPN	x
Disease	GFAP	Alexander Disease (Labrador Retriever)	AxD	x
Disease	ENAM	Amelogenesis Imperfecta	AI	x
Coat color	RALY	As Locus (Saddle Tan)		
Coat color	TYRP1	B Locus (Brown) - b <sup>a</sup>		x
Coat color	TYRP1	B Locus (Brown) - b <sup>c</sup>		x
Coat color	TYRP1	B Locus (Brown) - b <sup>d</sup>		x
Coat color	TYRP1	B Locus (Brown) - b <sup>s</sup>		x
Disease	LGI2	Benign Familial Juvenile Epilepsy	BFJE	x
Trait	GHR	Body Size (GHR1)		x
Trait	GHR	Body Size (GHR2)		x
Trait	HMGA2	Body Size (HMGA2)		x
Trait	IGF1	Body Size (IGF1)		x
Trait	IGFR1	Body Size (IGFR1)		x
Trait	STC2	Body Size (STC2)		x
Trait	FTSJ3	Body Size-Dental Anomaly 1 (Shetland Sheepdog)		x

Trait	GH1	Body Size-Dental Anomaly 2 (Shetland Sheepdog)		x
Morphology	BMP3	Brachycephaly		x
Disease	SERAC1	Canine Multiple System Degeneration (Chinese Crested Type)	CMSD	x
Disease	SERAC1	Canine Multiple System Degeneration (Kerry Blue Terrier Type)	CMSD	x
Disease	ANO6	Canine Scott Syndrome	CSS	x
Disease	CAT	Catalase Deficiency		x
Disease	PTPLA	Centronuclear Myopathy	CNM	
Disease	SEL1L	Cerebellar Ataxia (Finnish Hound Type)		
Disease	SNX14	Cerebellar Cortical Degeneration	CCD	x
Disease	RAB24	Cerebellar Degeneration	CA	x
Morphology	FGF4	Chondrodysplasia		
Disease	ITGA10	Chondrodysplasia (Karelian Bear Dog and Norwegian Elkhound Type)		x
Disease	ADAMTS20	Cleft Palate and Syndactyly (Nova Scotia Duck Tolling Retriever Type)		
	HPS3	Co-Locus Cocoa Brown (French Bulldog)		x
Disease	F7	Coagulation Factor VII Deficiency		x
Disease	NHEJ1	Collie Eye Anomaly	CEA	xP*
Disease	C3	Complement 3 Deficiency		x
Disease	CNGB3	Cone Degeneration	CD	
Disease	CNGA3	Cone Degeneration (German Shepherd Dog Type)	CD	x
Disease	CNGB3	Cone Degeneration (German Shorthaired Pointer Type)	CD	
Disease	CNGA3	Cone Degeneration (Labrador Retriever Type)	CD	x
Disease	TPO	Congenital Hypothyroidism with Goiter (Terrier Type)		x
Disease	CYB5R3	Congenital Methemoglobinemia		x
Disease	CHRNE	Congenital Myasthenic Syndrome (Jack Russell Terrier Type)	CMS	
Disease	COLQ	Congenital Myasthenic Syndrome (Labrador Retriever Type)	CMS	x
Disease	CHAT	Congenital Myasthenic Syndrome (Old Danish Pointer Type)	CMS	
Disease	RPE65	Congenital Stationary Night Blindness	CSNB	x
Disease	ATP7B	Copper Toxicosis (Labrador Retriever)		x
Disease	ATP7A	Copper Toxicosis-protective Modifier (Labrador Retriever)		x
Disease	SLC37A2	Craniomandibular Osteopathy	CMO	x
Coat Texture	KRT71	Cu Locus (Curly Hair)		x
Disease	AP3B1	Cyclic Neutropenia	CN	
Disease	SLC3A1	Cystinuria (Australian Cattle Dog typ)		x
Disease	SLC3A1	Cystinuria (Labrador Retriever Typ)		x
Disease	SLC7A9	Cystinuria (Miniature Pinscher Typ)		x
Disease	SLC3A1	Cystinuria (Newfoundland Typ)		x

Disease	SLC7A9	Cystinuria Typ 3 (Bulldog Typ Risk Factor, Variant 3)		x
Disease	SLC3A1	Cystinuria Typ 3 (Bulldog Typ Risk Factor, Variants 1 and 2)		x
Coat color	MLPH	D Locus (Dilute) - d^1		x
Coat color	MLPH	D Locus (Dilute) - d^2		x
Disease	VLDLR	Dandy-Walker-Like Malformation		x
Disease	EPS8L2	Deafness (Rhodesian Ridgeback)	EOAD	x
Disease	LOXHD1	Deafness (Rottweiler)	Deafness	x
Disease	SOD1	Degenerative Myelopathy (Bernese Mountain Dog Variant)	DM	x
Disease	SOD1	Degenerative Myelopathy (Common Variant)	DM	xP*
Disease	SP110	Degenerative Myelopathy Modifier (Pembroke Welsh Corgi Typ)	DM	x
Disease	FAM20C	Dental Hypomineralization		
Disease	INPP5E	Diffuse Cystic Renal Dysplasia and Hepatic Fibrosis		x
Disease	PDK4	Dilated Cardiomyopathy (Doberman Pinscher Typ Risk Factor, Variant 1)	DCM	
Disease	TTN	Dilated Cardiomyopathy (Doberman Pinscher Typ Risk Factor, Variant 2)	DCM	x
Disease	RBM20	Dilated Cardiomyopathy (Schnauzer Type)	DCM	x
Disease	FAM83H	Dry Eye Curly Coat Syndrome	CKSID	
Disease	GH1	Dwarfism, growth-hormone deficiency (Chihuahua)		x
Disease	COL7A1	Dystrophic Epidermolysis Bullosa	DEB	x
Coat color	MC1R	E Locus (Yellow/Red)		x
Coat color	MC1R	E-Locus e3 rezessive red (Husky)		x
Coat color	MC1R	E-Locus Ea Ancient Domino		x
Trait	non coding re	Ear erectness, pricked ears vs floppy ears		x
Disease	STK38L	Early Retinal Degeneration	ERD	
Disease	PKP1	Ectodermal Dysplasia (Chesapeake Bay Retriever Type)	ED	x
Disease	EDA	Ectodermal Dysplasia, X-Linked (Dachshund Type)	XED	x
Disease	EDA	Ectodermal Dysplasia, X-Linked (Shepherd Type)	XED	
Coat color	MC1R	Eg Locus (Grizzle, Afghan Hound Type)		x
Coat color	MC1R	Eh Locus (Sable, Cocker Spaniel Type)		x
Disease	TNXB	Ehlers-Danlos Syndrome (Variant 1)	EDS	x
Disease	TNXB	Ehlers-Danlos Syndrome (Variant 2)	EDS	x
Disease	SPTB	Elliptocytosis		x
Coat color	MC1R	Em Locus (Melanistic Mask)		x
Disease	LAMB3	Epidermolysis Bullosa, junctionalis (Australian Shepherd)	JEB	x
Disease	KRT10	Epidermolytic Hyperkeratosis		
Disease	PITRM1	Epilepsy with mitochondrial dysfunction and neurodegeneration (Parson Russell Terrier)		x
Disease	DNM1	Exercise-Induced Collapse	EIC	xP*

Disease	F11	Factor XI Deficiency		
Disease	COL4A4	Familial Nephropathy (Cocker Spaniel Type)	FN	x
Disease	COL4A4	Familial Nephropathy (English Springer Spaniel Type)	FN	
Disease	FUCA1	Fucosidosis	FUC	
Disease	ABCB4	Gallbladder Mucoceles		x
Disease	ITGA2B	Glanzmann's Thrombasthenia (Great Pyrenees Type)	GT	
Disease	ITGA2B	Glanzmann's Thrombasthenia (Otterhound Type)	GT	x
Disease	OLFML3	Glaucoma (Border Collie Type)		x
Disease	GALC	Globoid Cell Leukodystrophy (Irish Setter Type)	GLD	
Disease	GALC	Globoid Cell Leukodystrophy (Terrier Type)	GLD	x
Disease	G6PC	Glycogen Storage Disease Ia	GSD-Ia	x
Disease	AGL	Glycogen Storage Disease IIIa	GSD-IIIa	x
Disease	PFKM	Glycogen Storage Disease VII (Wachtelhund Type)	GSD-VII/PFL	x
Disease	PFKM	Glycogen Storage Disease VII, PFK Deficiency	GSD-VII/PFL	x
Disease	GLB1	GM1 Gangliosidosis (Alaskan Husky Type)	GM1	
Disease	GLB1	GM1 Gangliosidosis (Portuguese Water Dog Type)	GM1	x
Disease	GLB1	GM1 Gangliosidosis (Shiba Inu Type)	GM1	x
Disease	HEXA	GM2 Gangliosidosis (Japanese Chin Type)	GM2	x
Disease	HEXB	GM2 Gangliosidosis (Poodle Type)	GM2	x
Disease	NDRG1	Greyhound Polyneuropathy		x
Coat color	PSMB7	H Locus (Harlequin, Great Dane Type)		x
Disease	F8	Hemophilia A (Boxer Type)	HämA	x
Disease	F8	Hemophilia A (German Shepherd Dog, Type 1)	HämA	
Disease	F8	Hemophilia A (German Shepherd Dog, Type 2)	HämA	xP*
Disease	F9	Hemophilia B (Cairn Terrier Type)	HämB	
Disease	F9	Hemophilia B (Lhasa Apso Type)	HämB	
Disease	F9	Hemophilia B (Rhodesian Ridgeback Type)	HämB	
Disease	HSF4	Hereditary Cataracts	HC1	
Disease	HSF4	Hereditary Cataracts (Australian Shepherd Type)	HC2	
Disease	FAM83G	Hereditary Footpad Hyperkeratosis (Irish Terrier and Kromfohrländer Type)	HFH	x
Disease	SUV39H2	Hereditary Nasal Parakeratosis	HNPK	xP*
Disease	SUV39H2	Hereditary Nasal Parakeratosis (Greyhound Type)	HNPK	x
Disease	COL4A5	Hereditary Nephritis (Samoyed Type)	XLHN	x
Coat Texture	FOXI3	Hr Locus (FOXI3 Hairless Gene Test, Mexican Hairless, Peruvian Hairless and Chinese Crested Type)		
Disease	SLC2A9	Hyperuricosuria	HUU	x
Disease	FNIP2	Hypomyelination (Weimaraner Type)		x

Disease	TPO	Hypothyroidism (Frensh Bulldog)	CHG	x
Disease	TPO	Hypothyroidism (Toy Fox Terrier)	CHG	x
Trait	EPAS1	Hypoxia (Altitude Adaption)		x
Coat color	MFSD12	I Locus (Intensity)		x
Coat color	RSPO2	IC Locus (Improper Coat/Furnishings)		x
Disease	NIPAL4	Ichthyosis (American Bulldog Type)		x
Disease	PNPLA1	Ichthyosis (Golden Retriever Type)		x
Disease	SLC27A4	Ichthyosis (Great Dane Type)		x
Disease	CUBN	Immerslund-Gräsbeck Syndrom (Komondor)	IGS-KOM	x
Disease	SLC25A12	Inflammatory Myopathy (Hollands Herder)		x
Disease	FGF4	Intervertebral Disc Disease and Chondrodystrophy	IVDD	
Disease	CUBN	Intestinal Cobalamin Malabsorption (Beagle Type)	IGS	x
Disease	CUBN	Intestinal Cobalamin Malabsorption (Border Collie Type)	IGS	x
Disease	DIRAS1	Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback Type)	JME	x
Coat color	CBD103	K Locus (Dominant Black)		x
Disease	YARS2	Kardiomyopathie, Juvenile Mortalität (Belgischer Malinois)	CJM	x
Coat color	FGF5	L Locus (Long Hair/Fluffy) - Lh <sup>1</sup>		x
Coat color	FGF5	L Locus (Long Hair/Fluffy) - Lh <sup>2</sup>		x
Coat color	FGF5	L Locus (Long Hair/Fluffy) - Lh <sup>4</sup> (Afghan Hound, French Bulldog)		x
Disease	L2HGDH	L-2-Hydroxyglutaric Aciduria (Staffordshire Bull Terrier Type)	L-2-HGA	x
Disease	ATG4D	Lagotto Storage Disorder	LSD	x
Disease	CNTNAP1	Laryngeal Paralysis with Polyneuropathy Type 3 (Leonberger)	LPPN3	x
Disease	CAPN1	Late Onset Ataxia	LOA/SCA	
Disease	MLKN1	Lethal Acrodermatitis	LAD	
Disease	ITGB2	Leukocyte Adhesion Deficiency, Type I	CLAD-I	x
Disease	FERMT3	Leukocyte Adhesion Deficiency, Type III	CLAD-III	x
Disease	TSEN54	Leukodystrophy (Schnauzer)	LD	x
Disease	NAPEPLD	Leukoencephalomyelopathy (Leonberger)	LEMP	x
Disease	NAPEPLD	Leukoencephalomyelopathy (Rottweiler, Great Dane)	LEMP	x
Disease	PLG	Ligneous Membranitis	LM	
Disease	LEPREL1	Lundehund Syndrome		x
Coat color	PMEL	M Locus (Merle)		
Disease	TUBB1	Macrothrombocytopenia (Jack Russell Terrier)	MTCP	x
Disease	CHST6	Macular Corneal Dystrophy (Labrador Retriever Type)	MD	
Disease	MYH9	May-Hegglin Anomaly	MHA	
Disease	IDUA	Mucopolysaccharidosis I	MPS-I	

Disease	SGSH	Mucopolysaccharidosis IIIA (Dachshund Type)	MPS-IIIa	x
Disease	SGSH	Mucopolysaccharidosis IIIA (New Zealand Huntaway Type)	MPS-IIIa	
Disease	GUSB	Mucopolysaccharidosis VII (Shepherd Type)	MPS-VII	x
Disease	ABCB1	Multidrug Resistance 1	MDR1	x
Disease	BEST1	Multifocal Retinopathy 1	CMR1	
Disease	BEST1	Multifocal Retinopathy 2	CMR2	x
Disease	BEST1	Multifocal Retinopathy 3	CMR3	
Disease	DMD	Muscular Dystrophy (Golden Retriever Type)	GRMD	x
Disease	COL6A3	Muscular dystrophy 1 (Labrador Retriever)	DMD	x
Disease	COL6A3	Muscular dystrophy 2 (Labrador Retriever)	DMD	x
Disease	DMD	Muscular dystrophy Duchenne (Norfolk Terrier)	DMD	x
Disease	DMD	Muscular dystrophy Duchenne 1 (Cavalier King Charles Spaniel)	DMD	x
Disease	DMD	Muscular dystrophy Duchenne 2 (Cavalier King Charles Spaniel)	DMD	x
Disease	LGMDR3/SGC	Muscular dystrophy, limb-girdle (Dachshund)	LGMD	x
Disease	ADAMTSL2	Musladin-Lueke Syndrome	MLS	x
Disease	MSTN	Myostatin Deficiency (Whippet and Longhaired Whippet Type)		x
Disease	CLCN1	Myotonia Congenita (Australian Cattle Dog Type)	MC	
Disease	CLCN1	Myotonia Congenita (Schnauzer Type)	MC	
Disease	MTM1	Myotubular Myopathy 1		x
Disease	MTM1	Myotubular Myopathy 1 (Rottweiler Type)		
Disease	HCRT2	Narcolepsy (Dachshund Type)	NARC	
Disease	HCRT2	Narcolepsy (Doberman Pinscher Type)	NARC	
Disease	HCRT2	Narcolepsy (Labrador Retriever Type)	NARC	
Disease	NEB	Nemaline Myopathy (American Bulldog)		x
Disease	SPTBN2	Neonatal Cerebellar Cortical Degeneration	NCCD	
Disease	ATF2	Neonatal Encephalopathy with Seizures	NEWS	x
Disease	PLA2G6	Neuroaxonal Dystrophy (Papillon)	NAD	x
Disease	VPS11	Neuroaxonal Dystrophy (Rottweiler Type)	NAD	
Disease	TECPR2	Neuroaxonal Dystrophy (Spanish Water Dog Type)	NAD	x
Disease	ATP13A2	Neuronal Ceroid Lipofuscinosis (Tibetan Terrier Type)	NCL-A	
Disease	PPT1	Neuronal Ceroid Lipofuscinosis 1	NCL-1	
Disease	PPT1	Neuronal Ceroid Lipofuscinosis 1 (Cane Corso Type)	NCL-1	
Disease	CTSD	Neuronal Ceroid Lipofuscinosis 10	NCL-10	x
Disease	ATP13A2	Neuronal Ceroid Lipofuscinosis 12	NCL-12	
Disease	TPP1	Neuronal Ceroid Lipofuscinosis 2	NCL-2	
Disease	ARSG	Neuronal Ceroid Lipofuscinosis 4A	NCLA-4A	x

Disease	CLN5	Neuronal Ceroid Lipofuscinosis 5 (Australian Cattle Dog/Border Collie Type)	NCL-5	
Disease	CLN5	Neuronal Ceroid Lipofuscinosis 5 (Golden Retriever Type)	NCL-5	
Disease	CLN6	Neuronal Ceroid Lipofuscinosis 6	NCL-6	
Disease	MFSD8	Neuronal Ceroid Lipofuscinosis 7	NCL-7	x
Disease	CLN8	Neuronal Ceroid Lipofuscinosis 8 (Australian Shepherd Type)	NCL-8	
Disease	CLN8	Neuronal Ceroid Lipofuscinosis 8 (Setter Type)	NCL-8	
Disease	SLC45A2	Oculocutaneous Albinism	OCA	
Disease	SLC45A2	Oculocutaneous Albinism (Small Breed Type)	OCA	x
Disease	SLC13A1	Osteochondrodysplasia	OCD	
Disease	EXT2	Osteochondromatosis (American Staffordshire Terrier)		x
Disease	COL1A2	Osteogenesis Imperfecta (Beagle Type)	OI	
Disease	SERPINH1	Osteogenesis Imperfecta (Dachshund Type)	OI	x
Disease	COL1A1	Osteogenesis Imperfecta (Golden Retriever Type)	OI	x
Disease	P2RY12	P2RY12 Receptor Platelet Disorder		x
Disease	DMD	Pembroke Welsh Corgi Duchenne Muscular Dystrophy	DMD	
Disease	AMHR2	Persistent Müllerian Duct Syndrome	PMS	x
Disease	PKD1	Polycystic kidney disease (Bull Terrier)	PKD	x
Morphology	LMBR1	Polydactyly		x
Disease	ARHGEF10	Polyneuropathy (Leonberger and Saint Bernard Type)	LPN1	
Disease	GJA9	Polyneuropathy (Leonberger Type 2)	LPN2	x
Disease	RAB3GAP1	Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation	POAVN	x
Disease	GAA	Pompe Disease	GSD-II	
Disease	KLKB1	Prekallikrein Deficiency		x
Disease	CCDC39	Primary Ciliary Dyskinesia	PCD	
Disease	AGXT	Primary Hyperoxaluria	PH1	
Disease	ADAMTS17	Primary Lens Luxation	PLL	x
Disease	ADAMTS10	Primary Open Angle Glaucoma	POAG	
Disease	ADAMTS17	Primary Open Angle Glaucoma (Basset Fauve de Bretagne Typ)	POAG/PLL	
Disease	ADAMTS17	Primary Open Angle Glaucoma (Basset Fauve de Bretagne Type)	POAG	
Disease	ADAMTS10	Primary Open Angle Glaucoma (Norwegian Elkhound Type)	POAG	
Disease	ADAMTS17	Primary Open Angle Glaucoma and Primary Lens Luxation (Shar Pei Type)	POAG	x
Disease	SAG	Progressive Retinal Atrophy (Basenji Type)	Basenji-PRA	
Disease	RHO	Progressive Retinal Atrophy (Bullmastiff/Mastiff Type)	PRA-D	x
Disease	NECAP1	Progressive Retinal Atrophy (Giant Schnauzer Type)	PRA5	x
Disease	PDE6B	Progressive Retinal Atrophy (Irish Setter Type)	PRA-rcd1	
Disease	CNGA1	Progressive Retinal Atrophy (Shetland Sheepdog Type)	CNGA1-PRA	



Disease	PDE6B	Progressive Retinal Atrophy (Sloughi Type)	PRA-rcd1a	
Disease	NPHP4	Progressive Retinal Atrophy, Cone-Rod Dystrophy	PRA-crd / PRA-SWD	
Disease	PDE6B	Progressive Retinal Atrophy, Cone-Rod Dystrophy 1	PRA-crd1	x
Disease	IQCB1	Progressive Retinal Atrophy, Cone-Rod Dystrophy 2	PRA-crd2	
Disease	ADAM9	Progressive Retinal Atrophy, Cone-Rod Dystrophy 3	PRA-crd3	
Disease	RPGRIP1	Progressive Retinal Atrophy, Cone-Rod Dystrophy 4 (crd4/cord1)	PRA-crd4/cord1	
Disease	PDE6B	Progressive retinal atrophy, Early Onset (Spanish Waterdog)	PRA-EO	x
Disease	CCDC66	Progressive Retinal Atrophy, Generalized	GPRA	x
Disease	SLC4A3	Progressive Retinal Atrophy, Golden Retriever 1	GR-PRA1	
Disease	TTC8	Progressive Retinal Atrophy, Golden Retriever 2	GR-PRA2	x
Disease	CNGB1	Progressive Retinal Atrophy, PRA1 (Papillon Type)	PAP-PRA1	x
Disease	FAM161A	Progressive Retinal Atrophy, PRA3 (Tibetan Terrier and Spaniel Type)	PRA3	
Disease	PRCD	Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration (prcd)	PRA-PRCD	xP*
Disease	PDE6A	Progressive Retinal Atrophy, Rod-Cone Dysplasia 3	PRA-rcd3	
Disease	C2ORF71	Progressive Retinal Atrophy, Rod-Cone Dysplasia 4	PRA-rcd4	
Disease	RPGR	Progressive Retinal Atrophy, X-Linked 1	XLGRA	
Disease	KIRREL2	Protein Losing Nephropathy - Variant 1	PLN-1	x
Disease	NPHS1	Protein Losing Nephropathy - Variant 2	PLN-2	
Disease	PDP1	Pyruvate Dehydrogenase Deficiency	PDH	
Disease	PKLR	Pyruvate Kinase Deficiency (Basenji Type)	PKDef	
Disease	PKLR	Pyruvate Kinase Deficiency (Beagle Type)	PKDef	
Disease	PKLR	Pyruvate Kinase Deficiency (Labrador Retriever Type)	PKDef	x
Disease	PKLR	Pyruvate Kinase Deficiency (Pug Type)	PKDef	
Disease	PKLR	Pyruvate Kinase Deficiency (Terrier Type)	PKDef	
Disease	AKNA	Recurrent Inflammatory Pulmonary Disease	IPD	x
Disease	FLCN	Renal Cystadenocarcinoma and Nodular Dermatofibrosis	RCND	
Disease	COL9A3	Retinal Dysplasia/Oculoskeletal Dysplasia 1	RD/OSD1	
Disease	COL9A2	Retinal Dysplasia/Oculoskeletal Dysplasia 2	RD/OSD2	
Coat color	MITF	S Locus (White Spotting, Parti, or Piebald)		x
Trait	DVL2	Screw tail (tail curl)		x
Coat color	MC5R	SD Locus (Shedding)		x
Disease	FAM134B	Sensory Neuropathy (Border Collie Type)	SN	
Disease	PRKDC	Severe Combined Immunodeficiency Disease (Terrier Type)	SCID	
Disease	RAG1	Severe Combined Immunodeficiency Disease (Wetterhoun Type)	SCID	
Disease	IL2RG	Severe Combined Immunodeficiency Disease, X-Linked (Basset Hound Type)	XSCID	
Disease	IL2RG	Severe Combined Immunodeficiency Disease, X-Linked (Corgi Type)	XSCID	



Trait	AMELXY	Sex Determination - X		x
Trait	ZFXY	Sex Determination - Y		x
Disease	MTBP	Shar-Pei Autoinflammatory Disease	SPAID	x
Disease	COL11A2	Skeletal Dysplasia 2	SD2	x
Disease	NKX2-8	Spinal Dysraphism		
Disease	KCNJ10	Spinocerebellar Ataxia	SCA	
Disease	HES7	Spondylocostal Dysostosis	SCD	
Disease	KCNJ10	Spongy Degeneration with Cerebellar Ataxia 1 (Belgian Malinois)	SDCA1	x
Disease	ABCA4	Stargardt Disease	STGD	x
Disease	SLC6A5	Startle Disease		
Disease	ALDH5A1	Succinic semialdehyde dehydrogenase deficiency (Saluki)	SSADHD	x
Trait	T	T Locus (Natural Bobtail)		x
Disease	RASGRP1	Thrombopathia (American Eskimo Dog Type)		
Disease	RASGRP1	Thrombopathia (Basset Hound Type)		
Disease	RASGRP1	Thrombopathia (Newfoundland Type)		
Coat color	USH2A	Tr-Locus		x
Disease	VPS13B	Trapped Neutrophil Syndrome	TNS	x
Disease	APRT	Urolithiasis (Native American Indian Dog Type)		
Disease	SCARF2	Van Den Ende-Gupta Syndrome	VDEGS	
Disease	MICOS13, C19	Ventricular Arrhythmias (Rhodesian Ridgeback)	IVA	x
Disease	VDR	Vitamin D-deficiency rickets (Pomeranian)	HVDRR	x
Disease	VWF	Von Willebrand Disease I	VWDI	x
Disease	VWF	Von Willebrand Disease II	VWDII	
Disease	VWF	Von Willebrand Disease III (Kooikerhondje Type)	VWDIII	x
Disease	VWF	Von Willebrand Disease III (Scottish Terrier Type)	VWDIII	
Disease	VWF	Von Willebrand Disease III (Shetland Sheepdog Type)	VWDIII	x
Disease	BIN1	Zentronukleäre Myopathie (Deutsche Dogge)	CNM	x
			<b>TOTAL ANALYZES</b>	<b>194</b>