DNA Analysis Results

Benji

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DogCheck 4.0

Owner
Max

Chip Number
68888888888

Sample number
XX000000

Date of birth
30.05.2017

Gender
Male

Dog name
Benji

Sample material
EDTA-Blood

Breed
Mixed Breed

Stud Book Number

Possible results

CLEAR

The test result "clear" means that the tested dog does NOT carry a mutation for a specific genetic disease.

CARRIER

The test result "carrier" means that the tested dog carries ONE copy of the mutation for a certain genetic disease. However, the tested dog does not have to develop clinical signs due to this mutation, as usually two copies of a mutation are necessary for an outbreak of a disease.

CARRIER / AT RISK

The test result "carrier/at risk" indicates that the tested dog carries ONE copy of the mutation that causes a certain genetic disease. Due to the nature of inheritance, even ONE mutated copy of the gene can lead to a outbreak of the disease. Dogs with only one copy may show less severe symptoms than dogs carrying two mutated copies of the gene.

AT RISK

The test result "at risk" means that the tested dog carries ONE or TWO copies of the mutation for a specific genetic disease. Depending on the mode of inheritance of a specific genetic disease, one or two mutations are necessary for an outbreak of this disease.

NO RESULT

The test result "No result" indicates that in the course of the analyses no result for a specific disease / trait of your dog could be determined. This does not mean that your dog is a carrier or at risk for that disease. There are several reasons why a particular test may fail. These can be unique variations in certain regions in the DNA that cause a test to not complete successfully and therefore not produce a result. It may also be that too few cells adhered when the oral mucosal sample was collected, resulting in too little material for analysis. Bacteria or fungi, which can multiply on the brushes if they are not sufficiently dried, can also have a negative effect on the quality of the analysis. Results with at least 90% successful analysis are considered acceptable. If your dog shows an unacceptable number of failed results, we will contact you for the sending of new sample material

NOT ANALYZED

There is no test result available for the according disorder or these are not included in the analysis performed. Patented disorders can be added as an additional option and are not part of the regular DogCheck 4.0.

Breed relevant disorder results

Genetic analysis	Genotype	Interpretation
Ehlers-Danlos Syndrome Variant 2 - EDS	WT/WT	Clear
Factor VII Deficiency - F7	WT/WT	Clear
Hyperuricosuria - HUU	WT/M	Carrier
Primary Lens Luxation - PLL	WT/WT	Clear
Von Willebrand Disease I - vWD I	WT/WT	Clear

Breed specific coat colors and coat textures

Genetic analysis	Genotype	Interpretation
B-Locus - bc, bd, bs	B/B	Black coat, nose and foot pads (does not carry brown)
E-Locus e1 Rezessive Red (Common Variant) - e-Loc	e/e	Yellow/red
K-Locus Dominant Black - K-Loc	ky/ky	A-Locus expression allowed

All Traits

Coat Color Traits

Genetic analysis	Genotype	Interpretation
A-Locus Agouti (black and tan) - at-Loc	aw/at	
A-Lokus Agouti (recessive black) - a-Loc	aw/aw	
A-Lokus Agouti (sable) - ay-Loc	NoCall	No call
A-Lokus Agouti (sable) - ay-Loc	NoCall	No call
Albinism, oculocutaneous (Small Breeds) - OCA4	WT/WT	normal coat pigmentation
B-Locus - bc, bd, bs	B/B	Black coat, nose and foot pads (does not carry brown)
B-Locus Brown ba - ba-Loc	B/B	Black coat, nose and foot pads (does not carry ba-brown)
B-Locus Brown bc - bc-Loc	B/B	
B-Locus Brown bd - bd-Loc	B/B	
B-Locus Brown bs - bs-Loc	B/B	
Co-Locus Cocoa Brown (French Bulldog) - Co-Loc	Co/Co	Black coat, nose and foot pads (does not carry cocoa brown)
D-Locus d2 Dilute - d2-Loc	D/D	Non-dilute
E-Locus Ea Ancient Domino - Ea-Loc	WT/WT	No ancient domino
E-Locus Eg Grizzle Domino - Eg-Loc	WT/WT	No grizzle
E-Locus Eh Cocker Sable - Eh-Loc	WT/WT	No Cocker Sable

E-Locus Em Melanistic Mask - Em-Loc	WT/WT	No eumelanistic mask
E-Locus e1 Rezessive Red (Common Variant) - e-Loc	e/e	Yellow/red
E-Locus e3 Rezessive Red (Husky) - e3-Loc	E/E	K-Locus expression allowed
H-Locus Harlequin (Great Dane) - H-Loc	h/h	No harlequin
I-Locus Intensity (Pheomelenin Dilution) - I-Loc	I/I	normal pheomelanin intesity
K-Locus Dominant Black - K-Loc	ky/ky	A-Locus expression allowed
Sp2-Locus Piebald (White Spotting, Parti) - Sp2-Loc	S/sp	Limited white spotting, flash, or piebald (carrier)
Tr-Lokus Ticking and Roan 1 - Tr1-Loc	T/T	
Tr-Lokus Ticking and Roan 2 - Tr2-Loc	t/t	
Tr-Lokus Ticking and Roan 3 - Tr3-Loc	t/t	

Coat Traits

Genetic analysis	Genotype	Interpretation
Cu1-Locus Curly Coat (Common Variant) - Cu1-Loc	Cu/Cu	Straight coat
IC-Locus Impropper Coat (Furnishing) - IC-Loc	IC/IC	no furnishing/improper coat
L1-Locus Long Hair (Common Variant) - L1-Loc	L/L	Shorthaired (does not carry long hair)
L2-Locus Long Hair (Akita) - L2-Loc	L/L	Shorthaired (does not carry long hair)
L4-Locus Long Hair (Afghan Hound, French Bulldog) - L4-Loc	L/L	Shorthaired (does not carry long hair)
SD-Locus (Shedding) - SD-Loc	sd/sd	low shedding

Other

Genetic analysis	Genotype	Interpretation
Copper Toxicosis-protective Modifier (Labrador Retriever)	WT/WT	no protective variant
Hypoxia (Altitude Adaption) - Hypoxia	NoCall	No call

Traits

Genetic analysis	Genotype	Interpretation
Body Size (GHR1) - Body Size	WT/WT	larger body size
Body Size (GHR2) - Body Size	WT/WT	larger body size
Body Size (HMGA2) - Body Size	WT/M	larger body size (carrier of reduced body size)
Body Size (IGF1) - Body Size	WT/M	larger body size (carrier of reduced body size)
Body Size (IGFR1) - Body Size	WT/WT	larger body size
Body Size (STC2) - Body Size	WT/WT	larger body size
Body Size-Dental Anomaly 1 (Shetland Sheepdog) - Dental	WT/WT	larger body size
Body Size-Dental Anomaly 2 (Shetland Sheepdog) - Body Size	WT/WT	larger body size
Brachycelphaly, Shortened Skull Shape	BR/BR	Likely medium to long muzzle
Dwarfism, Growth-Hormone Deficiency (Chihuahua) - Body Size	WT/WT	larger body size
Ear Erectness, Pricked Ears vs. Floppy Ears	M/M	Likely floppy ears
Polydactyly (Asian Breeds) - PPD	WT/WT	Normal toes (likely no hind dewclaws)
Screw Tail (Tail Curl)	WT/WT	Non-curled tail
Sex Maker Amelogenin - Sex	X/Y	male
T-Locus Brachyury (Bobtail, Naturel Short Tail) - T-Loc	NoCall	No call

All Disorders

Blood & Clotting

Genetic analysis	Genotype	Interpretation
Canine Scott Syndrome (German shepherd dog) - CSS	WT/WT	Clear
Catalase Deficiency (Beagle)	WT/WT	Clear
Congenital Methaemoglobinaemia (Pomeranian)	WT/WT	Clear
Elliptocytosis (Labrador Retriever) - HE	WT/WT	Clear
Factor VII Deficiency - F7	WT/WT	Clear
Glanzmann Thrombasthenia (Otterhound) - GT	WT/WT	Clear
Glycogen Storage Disease IIIa (Curly Coated Retriever) - GSD IIIa	WT/WT	Clear
Glycogen Storage Disease Ia (Maltese) - GSD Ia	WT/WT	Clear
Glycogen Storage Disease VII (English Springer Spaniel) - GSD VII	WT/WT	Clear
Glycogen Storage Disease VII (Wachtelhund) - GSD VII	WT/WT	Clear
Hemophilia A (Boxer) - F8	WT/Y	Male clear
Hemophilia A Typ 2 (German Shepherd Dog) - Hem A	NoCall	NoCall
Leukocyte Adhesion Deficiency Type I (Irish Setter) - CLAD-I	WT/WT	Clear
Leukocyte Adhesion Deficiency Type III (German Shepherd Dog) - CLAD-III	WT/WT	Clear
Macrothrombocytopenia (Jack Russell Terrier) - MTCP	WT/WT	Clear

P2RY12-Receptor Platelet Disorder (Greater Swiss Mountain Dog) - P2Y12	WT/WT	Clear
Prekallikrein Deficiency (Hairless Terrier, Shih-Tzu)	WT/WT	Clear
Pyruvate Kinase Deficiency (Labrador Retriever) - PK	WT/WT	Clear
Von Willebrand Disease I - vWD I	WT/WT	Clear
Von Willebrand Disease II (German Shorthaired Pointer) - vWD II	WT/WT	Clear
Von Willebrand Disease III (Kooikerhondje) - vWD III	WT/WT	Clear
Von Willebrand Disease III (Shetland Sheepdog) - vWD III	WT/WT	Clear

Dental

Genetic analysis	Genotype	Interpretation
Amelogenesis Imperfecta (Italian Greyhound) - AI	WT/WT	Clear
Ectodermal Dysplasia (Dachshund) - XHED	WT/Y	Male clear

Development

Genetic analysis	Genotype	Interpretation
Dandy-Walker-Like Syndrome (Eurasier) - DWLM	WT/WT	Clear
Persistent Mullerian duct syndrome (Schnauzer) - PMDS	WT/WT	Clear
Renal Dysplasia and Hepatic Fibrosis (Norwich Terrier) - HRFCD	WT/WT	Clear

Drug Metabolism

Genetic analysis	Genotype	Interpretation
Multidrug-Resistance 1 - MDR1	WT/WT	Clear

Ear

Genetic analysis	Genotype	Interpretation
Deafness (Rhodesian Ridgeback) - EOAD	WT/WT	Clear
Deafness (Rottweiler) - Deafness	NoCall	NoCall

Eyes

Genetic analysis	Genotype	Interpretation
Cone Degeneration (German Shepherd Dog) - CD	WT/WT	Clear
Cone Degeneration (Labrador Retriever) - CD	WT/WT	Clear
Continental Stationary Night Blindness (Briard) - CSNB	WT/WT	Clear
Gangliosidosis GM1 (Portuguese water dog) - GM1	WT/WT	Clear
Gangliosidosis GM1 (Shiba Inu) - GM1	WT/WT	Clear
Gangliosidosis GM2 (Poodle) - GM2	WT/WT	Clear
Gangliosidosis GM2 Type 1b (Japan Chin) - GM2-1b	WT/WT	Clear
Glaucoma and Goniodysgenesis (Border Collie) - GG/PCAG	WT/WT	Clear
Multifocal Retinopathy 2 (Coton de Tulear) - CMR2	WT/WT	Clear
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation (Rottweiler) - POANV	WT/WT	Clear
Primary Lens Luxation - PLL	WT/WT	Clear
Progressive Retinal Atrophy (Giant Schnauzer) - PRA-Schnauzer	WT/WT	Clear
Progressive Retinal Atrophy 1 (Papillon) - PRA-Pap1	WT/WT	Clear
Progressive Retinal Atrophy 2 (Golden Retriever) - PRA-GR2	WT/WT	Clear
Progressive Retinal Atrophy, Autosomal dominant (Mastiff) - PRA-AD	WT/WT	Clear
Progressive Retinal Atrophy, Cone-rod dystrophy 1 (American Pit Bull Terrier) - PRA-crd1	WT/WT	Clear
Progressive Retinal Atrophy, Early Onset (Spanish Waterdog) - PRA-EO	WT/WT	Clear

Progressive Retinal Atrophy, Generalized (Shapendoe) - PRA-g	WT/WT	Clear
Stargardt Disease, Morbus Stargardt (Labrador Retriever) - STGD	WT/WT	Clear

Heart

Genetic analysis	Genotype	Interpretation
Cardiomyopathy, Juvenile Mortality (Belgian Malinois) - CJM	WT/WT	Clear
Cardiomyopathy, dilated (Schnauzer) - DCM	WT/WT	Clear
Cardiomyopathy, dilated, Risk Variant 2 (Dobermann Pinscher) - DCM	WT/WT	Clear
Ventricular Arrhythmias (Rhodesian Ridgeback) - IVA	WT/M	Carrier

Hormone System

Genetic analysis	Genotype	Interpretation
Hypothyroidism (French Bulldog) - CHG	WT/WT	Clear
Hypothyroidism (Toy Fox Terrier) - CHG	WT/WT	Clear

Immune System

Genetic analysis	Genotype	Interpretation
Autoinflammatory Disease (Shar-Pei) - SPAID	WT/WT	Clear
Catalase Deficiency (Beagle)	WT/WT	Clear
Complement 3 Deficiency (Brittany) - C3 Def	WT/WT	Clear
Glycogen Storage Disease IIIa (Curly Coated Retriever) - GSD IIIa	WT/WT	Clear
Glycogen Storage Disease Ia (Maltese) - GSD Ia	WT/WT	Clear
Glycogen Storage Disease VII (English Springer Spaniel) - GSD VII	WT/WT	Clear
Glycogen Storage Disease VII (Wachtelhund) - GSD VII	WT/WT	Clear
Inflammatory Myopathy (Hollands Herder)	WT/WT	Clear
Leukocyte Adhesion Deficiency Type I (Irish Setter) - CLAD-I	WT/WT	Clear
Leukocyte Adhesion Deficiency Type III (German Shepherd Dog) - CLAD-III	WT/WT	Clear
Trapped Neutrophil Syndrome (Border Collie) - TNS	WT/WT	Clear

Liver & Gastrointestinal

Genetic analysis	Genotype	Interpretation
Gallbladder Mucoceles	WT/WT	Clear
Glycogen Storage Disease IIIa (Curly Coated Retriever) - GSD IIIa	WT/WT	Clear
Glycogen Storage Disease Ia (Maltese) - GSD Ia	WT/WT	Clear
Glycogen Storage Disease VII (English Springer Spaniel) - GSD VII	WT/WT	Clear
Glycogen Storage Disease VII (Wachtelhund) - GSD VII	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Beagle) - IGS-Beagle	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Border Collie) - IGS-BC	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Komondor) - IGS-KOM	WT/WT	Clear
Lundehund Syndrome (Norwegian Lundehund) - LS	WT/WT	Clear
Renal Dysplasia and Hepatic Fibrosis (Norwich Terrier) - HRFCD	WT/WT	Clear

Metabolism

Genetic analysis	Genotype	Interpretation
Catalase Deficiency (Beagle)	WT/WT	Clear
Copper Toxicosis (Labrador Retriever)	WT/M	Carrier
Gangliosidosis GM1 (Portuguese water dog) - GM1	WT/WT	Clear
Gangliosidosis GM1 (Shiba Inu) - GM1	WT/WT	Clear
Gangliosidosis GM2 (Poodle) - GM2	WT/WT	Clear
Gangliosidosis GM2 Type 1b (Japan Chin) - GM2-1b	WT/WT	Clear
Globoid Cell Leukodystrophy (Terrier) - GLD	WT/WT	Clear
Glycogen Storage Disease IIIa (Curly Coated Retriever) - GSD IIIa	WT/WT	Clear
Glycogen Storage Disease Ia (Maltese) - GSD Ia	WT/WT	Clear
Glycogen Storage Disease VII (English Springer Spaniel) - GSD VII	WT/WT	Clear
Glycogen Storage Disease VII (Wachtelhund) - GSD VII	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Beagle) - IGS-Beagle	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Border Collie) - IGS-BC	WT/WT	Clear
Intestinal Cobalamin Malabsorption (Komondor) - IGS-KOM	WT/WT	Clear
L-2-Hydroxyglutaricacidemia (Staffordshire Bull Terrier) - L-2-HGA	WT/WT	Clear
Lagotto Storage Disease (Lagotto Romagnolo) - LSD	WT/WT	Clear
Lundehund Syndrome (Norwegian Lundehund) - LS	WT/WT	Clear
Mucopolysaccharidosis IIIA (Dachshund) - MPS IIIA	WT/WT	Clear

Mucopolysaccharidosis VII (German Shepherd Dog) - MPS VII	WT/WT	Clear
Multidrug-Resistance 1 - MDR1	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 10 (American Bulldog) - NCL-10	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 4A (American Staffordshire Terrier) - NCL-4A	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 7 (Chihuahua, Chinese Crested) - NCL-7	WT/WT	Clear
Pyruvate Kinase Deficiency (Labrador Retriever) - PK	WT/WT	Clear
Succinic Semialdehyde Dehydrogenase Deficiency (Saluki) - SSADHD	WT/WT	Clear
Vitamin D-Deficiency Rickets (Pomeranian) - HVDR1	WT/WT	Clear

Midline

Genetic analysis	Genotype	Interpretation
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation (Rottweiler) - POANV	WT/WT	Clear

Musculoskeletal

Genetic analysis	Genotype	Interpretation
Centronuclear Myopathy (Deutsche Dogge) - CNM	WT/WT	Clear
Chondrodysplasia (Karelian Bear Dog) - CDPA	WT/WT	Clear
Craniomandibular Osteopathy - CMO	WT/WT	Clear
Degenerative Myelopathy (Bernese Mountain dog) - DM	NoCall	NoCall
Degenerative Myelopathy, Early-Onset Risk Modifier (Pembroke Welsh Corgi) - DM-Modifikator	WT/WT	Clear
Gangliosidosis GM1 (Portuguese water dog) - GM1	WT/WT	Clear
Gangliosidosis GM1 (Shiba Inu) - GM1	WT/WT	Clear
Glycogen Storage Disease IIIa (Curly Coated Retriever) - GSD IIIa	WT/WT	Clear
Glycogen Storage Disease Ia (Maltese) - GSD Ia	WT/WT	Clear
Glycogen Storage Disease VII (English Springer Spaniel) - GSD VII	WT/WT	Clear
Glycogen Storage Disease VII (Wachtelhund) - GSD VII	WT/WT	Clear
Mucopolysaccharidosis VII (German Shepherd Dog) - MPS VII	WT/WT	Clear
Muscular Dystrophy 1 (Labrador Retriever) - MD	WT/WT	Clear
Muscular Dystrophy 2 (Labrador Retriever) - MD	WT/WT	Clear
Muscular Dystrophy Duchenne (Golden Retriever) - DMD	WT/Y	Male clear
Muscular Dystrophy Duchenne (Norfolk Terrier) - DMD	WT/Y	Male clear
Muscular Dystrophy Duchenne 1 (Cavalier King Charles Spaniel) - DMD	WT/Y	Male clear

Muscular Dystrophy Duchenne 2 (Cavalier King Charles Spaniel) - DMD	WT/Y	Male clear
Muscular Dystrophy, Limb-Girdle (Dachshund) - LGMD	NoCall	NoCall
Musladin-Lueke Syndrome (Beagle) - MLS	WT/WT	Clear
Myostatin Deficiency (Whippet)	WT/WT	Clear
Myotubular Myopathy (Labrador Retriever) - MTM-XL	WT/Y	Male clear
Nemaline Myopathy (American Bulldog)	WT/WT	Clear
Osteochondromatosis (American Staffordshire Terrier)	NoCall	NoCall
Osteogenesis Imperfecta (Dachshund) - OI	WT/WT	Clear
Osteogenesis Imperfecta Type 3 (Golden Retriever) - OI	WT/WT	Clear
Polyneuropathy (Alaskan Malamute) - AMPN	WT/WT	Clear
Polyneuropathy (Greyhound)	WT/WT	Clear
Polyneuropathy 2 (Leonberger) - LPN2	WT/WT	Clear
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation (Rottweiler) - POANV	WT/WT	Clear
Skeletal Dysplasia 2 (Labrador Retriever) - SD2	WT/WT	Clear

Neurology

Genetic analysis	Genotype	Interpretation
Acral Mutilation Syndrom - AMS	WT/WT	Clear
Alexander Disease (Labrador Retriever) - AxD	WT/WT	Clear
Benign Familial Juvenile Epilepsy (Lagotto Romagnolo) - BFJE	WT/WT	Clear
Canine Multiple Systemdegeneration (Chinese Crested) - CMSD	WT/WT	Clear
Canine Multiple Systemdegeneration (Kerry Blue Terrier) - CMSD	WT/WT	Clear
Cerebellar Cortical Degeneration (Wirzsh.)	WT/WT	Clear
Cerebellar Degeneration (Setter) - HA/CA	WT/WT	Clear
Dandy-Walker-Like Syndrome (Eurasier) - DWLM	WT/WT	Clear
Degenerative Myelopathy (Bernese Mountain dog) - DM	NoCall	NoCall
Degenerative Myelopathy, Early-Onset Risk Modifier (Pembroke Welsh Corgi) - DM-Modifikator	WT/WT	Clear
Enzephalopathy (Alaskan Husky) - AHE	WT/WT	Clear
Epilepsy with Mitochondrial Dysfunction and Neurodegeneration (Parson Russell Terrier)	NoCall	NoCall
Gangliosidosis GM1 (Shiba Inu) - GM1	WT/WT	Clear
Gangliosidosis GM2 (Poodle) - GM2	WT/WT	Clear
Gangliosidosis GM2 Type 1b (Japan Chin) - GM2-1b	WT/WT	Clear
Globoid Cell Leukodystrophy (Terrier) - GLD	WT/WT	Clear
Hypomyelinisation (Weimaraner) - HYM	WT/WT	Clear
Juvenile Myoclonic Epilepsy (Rhodesian Ridgeback) - JME	WT/WT	Clear

L-2-Hydroxyglutaricacidemia (Staffordshire Bull Terrier) - L-2-HGA	WT/WT	Clear
Lagotto Storage Disease (Lagotto Romagnolo) - LSD	WT/WT	Clear
Laryngeal Paralysis with Polyneuropathy Type 3 (Leonberger) - LPPN3	WT/WT	Clear
Leukodystrophy (Schnauzer) - LD	WT/WT	Clear
Leukoencephalomyelopathy (Leonberger) - LEMP	WT/WT	Clear
Leukoencephalomyelopathy (Rottweiler, Great Dane) - LEMP	NoCall	NoCall
Mucopolysaccharidosis IIIA (Dachshund) - MPS IIIA	WT/WT	Clear
Musladin-Lueke Syndrome (Beagle) - MLS	WT/WT	Clear
Neonatal Encephalopathy with Seizures (Poodle) - NEWS	WT/WT	Clear
Neuroaxonal Dystrophy (Papillon) - NAD	WT/WT	Clear
Neuroaxonal Dystrophy (Spanish Water Dog) - NAD	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 10 (American Bulldog) - NCL-10	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 4A (American Staffordshire Terrier) - NCL-4A	WT/WT	Clear
Neuronal Ceroid Lipofuscinosis 7 (Chihuahua, Chinese Crested) - NCL-7	WT/WT	Clear
Polyneuropathy (Alaskan Malamute) - AMPN	WT/WT	Clear
Polyneuropathy (Greyhound)	WT/WT	Clear
Polyneuropathy 2 (Leonberger) - LPN2	WT/WT	Clear
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation (Rottweiler) - POANV	WT/WT	Clear

Spongy Degeneration with Cerebellar Ataxia 1 (Belgian Malinois) - SDCA1	WT/WT	Clear
Succinic Semialdehyde Dehydrogenase Deficiency (Saluki) - SSADHD	WT/WT	Clear

Neuromuscular

Genetic analysis	Genotype	Interpretation
Congenital Myasthenic syndrome (Labrador Retriever) - CMS	WT/WT	Clear
Gangliosidosis GM1 (Portuguese water dog) - GM1	WT/WT	Clear
Gangliosidosis GM1 (Shiba Inu) - GM1	WT/WT	Clear
Gangliosidosis GM2 (Poodle) - GM2	WT/WT	Clear
Gangliosidosis GM2 Type 1b (Japan Chin) - GM2-1b	WT/WT	Clear
Globoid Cell Leukodystrophy (Terrier) - GLD	WT/WT	Clear
Inflammatory Myopathy (Hollands Herder)	WT/WT	Clear
Musladin-Lueke Syndrome (Beagle) - MLS	WT/WT	Clear
Polyneuropathy with Ocular Abnormalities and Neuronal Vacuolation (Rottweiler) - POANV	WT/WT	Clear

Reproduction

Genetic analysis	Genotype	Interpretation
Persistent Mullerian duct syndrome (Schnauzer) - PMDS	WT/WT	Clear

Respiration

Genetic analysis	Genotype	Interpretation
Acute Respiratory Distress Syndrome (Dalmatian) - ARDS	WT/WT	Clear
Inflammatory Pulmonary Disease (Rough Collie) - IPD	WT/WT	Clear

Skeletal

Genetic analysis	Genotype	Interpretation
Vitamin D-Deficiency Rickets (Pomeranian) - HVDRR	WT/WT	Clear

Skin

Genetic analysis	Genotype	Interpretation
Ectodermal Dysplasia (Chesapeake Bay Retriever) - ED-SFS	WT/WT	Clear
Ectodermal Dysplasia (Dachshund) - XHED	WT/Y	Male clear
Ehlers-Danlos Syndrome Variant 1 (Poodle) - EDS	WT/WT	Clear
Ehlers-Danlos Syndrome Variant 2 - EDS	WT/WT	Clear
Epidermolysis Bullosa, dystrophic (Golden Retriever) - DEB	WT/WT	Clear
Epidermolysis Bullosa, junctionalis (Australian Shepherd) - JEB	NoCall	NoCall
Hereditary Footpad Hyperkeratosis (Irish Terrier) - HFH	WT/WT	Clear
Hereditary Nasal Parakeratosis (Greyhound) - HNPK	WT/WT	Clear
Ichthyosis (American Bulldog) - ICH	WT/WT	Clear
Ichthyosis (Great Dane) - ICH	WT/WT	Clear
Ichthyosis 1 (Golden Retriever) - ICH-GR1	WT/WT	Clear
Musladin-Lueke Syndrome (Beagle) - MLS	WT/WT	Clear

Urogenital Tract

Genetic analysis	Genotype	Interpretation
Cystinuria (Australian Cattle Dog) - Cyst-2a	WT/WT	Clear
Cystinuria (Labrador Retriever) - Cyst-1a	WT/WT	Clear
Cystinuria (Miniature Pinscher) - Cyst-2	WT/WT	Clear
Cystinuria (Newfoundland) - Cyst-1a	WT/WT	Clear
Cystinuria Risk Factor Type 3 Variant 1 (Bulldog) - Cyst3-1	WT/WT	Clear
Cystinuria Risk Factor Type 3 Variant 2 (Bulldog) - Cyst3-2	WT/WT	Clear
Cystinuria Risk Factor Type 3 Variant 3 (Bulldog) - Cyst3-3	WT/WT	Clear
Familial Nephropathy (Cocker Spaniel) - FN	WT/WT	Clear
Familial Nephropathy (Springer Spaniel)	WT/WT	Clear
Hereditary XL Nephritis (Samoyed) - XLHN	WT/Y	Male clear
Hyperuricosuria - HUU	WT/M	Carrier
Persistent Mullerian duct syndrome (Schnauzer) - PMDS	WT/WT	Clear
Polycystic Kidney Disease (Bull Terrier) - PKD	WT/WT	Clear
Protein Losing Nephropathy 1 - PLN1	WT/WT	Clear
Renal Dysplasia and Hepatic Fibrosis (Norwich Terrier) - HRFCD	WT/WT	Clear

Dr. rer. nat. A.M. Geretschläger

The accuracy and precision of the test were carefully checked by the laboratory. Since all analyses performed are DNA-based, in rare cases, rare genomic variations may affect the analyses and lead to deviating/incorrect results. If you believe that there is an error in the results, please contact our laboratory immediately for further evaluation.