

**Ridgeback International Genetic Profile
CERTIFICATE**

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Name dog : Aaron Aus Dem Artland
Registrationnumber : IRV363459
MicroChipnumber : 276093400451584
Date of birth : 11-05-2013
Gender : Rüde

Owner : Stephan Gruber
Address : Flechtenweg 11
Town : Meppen
Country : Germany

R.I.G.E.P. (Ridgeback **I**nternational **G**enetic **P**rofile) results:

Disorder	Result
Neurological disorders	
L-2-Hydroxyglutaric aciduria (L2HGA); mutation 1	Free
L-2-Hydroxyglutaric aciduria (L2HGA); mutation 2 originally found in Staffordshire Bull Terrier	Unknown
Neonatal Encephalopathy with Seizures (NEWS)	Free
Cerebellar abiotrophy or neonatal cerebellar cortical degeneration (NCCD)	Free
Polyneuropathy; mutation originally found in Alaskan Malamute	Free
Bandera's Neonatal Ataxia (BNAt)	Unknown
Progressive early-onset cerebellar ataxia; mutation originally found in Finnish Hound	Free
Benign Familial Juvenile Epilepsy or Remitting Focal Epilepsy	Free
Polyneuropathy; mutation originally found in Greyhound	Free
Neuronal Ceroid Lipofuscinosis 1 (NCL1)	Free
Neuronal Ceroid Lipofuscinosis, type 12, mutation originally found in Tibetan terrier	Free
Neuronal Ceroid Lipofuscinosis 10 (NCL10)	Free
Neuronal Ceroid Lipofuscinosis 2 (NCL2)	Unknown
Neuronal Ceroid Lipofuscinosis 4A (NCL4)	Unknown
Neuronal Ceroid Lipofuscinosis 5 (NCL5)	Free
Neuronal Ceroid Lipofuscinosis 6 (NCL6)	Unknown
Fetal-onset Neuroaxonal Dystrophy (FNAD)	Free
L-2-hydroxyglutaric Aciduria (L2HGA), Yorkshire Terrier mutation	Unknown
Bandera's Neonatal Ataxia (BNAt)	Free
Alaskan Husky Encephalopathy (AHE)	Free
Neuronal Ceroid Lipofuscinosis 8 (NCL8)	Free
Neuronal Ceroid Lipofuscinosis 8 (NCL8), rare variant	Free
Spinocerebellar ataxia (SCA); mutation originally found in Parson Russell Terrier	Free
Shaking Puppy (X-linked Generalized Tremor); mutation originally found in English Springer Spaniel	Free
Hypomyelination and Tremor; mutation originally found in Weimaraner	Free
Lagotto Storage Disease	Free
Spinocerebellar ataxia with myokymia and/or seizures	Free
Spinal Dysraphism	Free
Dandy-Walker-Like Malformation (DWLM); mutation originally found in Eurasier	Free
Neuronal Ceroid Lipofuscinosis, (NCL7); mutation originally found in Chinese Crested Dog and Chihuahua	Free
Cerebral Dysfunction; mutation originally found in Friesian Stabyhoun	Free
Neuroaxonal Dystrophy (NAD); mutation originally found in Spanish Water Dog	Free
Eye disorders	
Canine Multifocal Retinopathy 1 (CMR1), Eye disorder.	Free
Collie Eye Anomaly (CEA)	Unknown

Cone-rod Dystrophy 1 (cord1-PRA)	Free
Congenital Stationary Night Blindness (CSNB)	Free
Autosomal Dominant Progressive Retinal Atrophy (ADPRA)	Free
Golden Retriever Progressive Retinal Atrophy 1 (GR_PRA 1)	Free
Primary Hereditary Cataract (PHC); mutation originally found in Australian Shepherd	Free
Primary Lens Luxation (PLL)	Free
Rod-Cone Dysplasia 1 (rcd1); mutation originally found in Irish Setter	Free
Rod-Cone Dysplasia 1a (rcd1a); mutation originally found in Sloughi	Free
Rod-Cone Dysplasia 3 (rcd3)	Free
X-Linked Progressive Retinal Atrophy 1 (XLPRA1)	Free
Cone-rod dystrophy (crd SWD); mutation originally found in Standard Wire-haired Dachshund	Free
Primary Open Angle Glaucoma; mutation originally found in Beagle	Free
Achromatopsia or Cone Degeneration (CD); mutation originally found in German Shorthaired Pointer	Free
OSD2 (Oculoskeletal Dysplasia 2) or DRD2 (Dwarfism-Retinal Dysplasia 2)	Unknown
Canine Multifocal Retinopathy 3 (cmr3); mutation originally found in Lapponian Herder	Free
Canine Multifocal Retinopathy 2 (cmr2); mutation originally found in Coton de Tulear	Free
Generalized Progressive Retinal Atrophy; mutation originally found in Schapendoes	Free
Golden Retriever Progressive Retinal Atrophy 2 (GR_PRA 2)	Unknown
Early Retinal Degeneration; mutation originally found in Norwegian Elkhound	Unknown
Primary Hereditary Cataract (PHC); mutation originally found in Terriers	Unknown
Progressive Retinal Atrophy (PAP1_PRA); mutation originally found in Papillon and Phalene	Free
Progressive Retinal Atrophy - adult onset; mutation originally found in Basenji	Free
Progressive Retinal Atrophy (PRA), type III; mutation originally found in Tibetan Spaniel and Tibetan Terrier	Free
Cone-Rod Dystrophy 2 (crd2); mutation originally found in Pit Bull Terrier	Free
Glaucoma; mutation originally found in Norwegian Elkhound	Free
PRA Progressive Retinal Atrophy; Swedish Vallhund marker test	Free
X-Linked Progressive Retinal Atrophy 2 (XLPRA2)	Free
Achromatopsia or Cone Degeneration (CD); CNGB3 gene deletion	Free
Cone-Rod Dystrophy 1 (crd1); mutation originally found in American Staffordshire Terrier	Free
Progressive Retinal Atrophy, (CNGA1-PRA); mutation originally found in Shetland Sheepdog	Free

Neuromuscular disorders

Degenerative Myelopathy (DM)	Free
Exercise-Induced Collapse (EIC)	Unknown
Globoid Cell Leukodystrophy (GLD) or Krabbe's disease, Terrier mutation	Free
Alpha Fucosidosis	Unknown
Globoid Cell Leukodystrophy (GLD) or Krabbe's disease; mutation originally found in Irish Setter	Unknown
GM1 Gangliosidosis; mutation originally found in Portuguese Water Dog	Free
GM1 Gangliosidosis; mutation originally found in Alaskan Husky	Free
GM1 Gangliosidosis; mutation originally found in Shiba Dog	Free
Episodic falling (EF)	Unknown
GM2 Gangliosidosis	Free
Hyperekplexia or Startle Disease	Free
GM2 Gangliosidosis, mutation originally found in Japanese Chin	Free
Congenital Myasthenic Syndrome (CMS)	Free
Globoid Cell Leukodystrophy (GLD) or Krabbe's disease; mutation originally found in Irish Setter	Free
Congenital Myasthenic Syndrome, (CMS); mutation originally found in Jack Russell Terrier	Free

Metabolic disorders

Glycogen Storage Disease, type IIIa (GSDIIIa)	Free
Mucopolysaccharidosis Type VII (MPSVII); mutation originally found in Brazilian Terrier	Free
Pyruvate Dehydrogenase Deficiency	Free
Glycogen Storage Disease, type II or Pompe's disease	Free
Glycogen Storage Disease, Type Ia (GSDIa)	Free
Mucopolysaccharidosis Type I (MPSI)	Unknown
Mucopolysaccharidosis Type IIIA (MPSIIIA); mutation originally found in Dachshund	Free
Mucopolysaccharidosis Type IIIA (MPSIIIA); mutation originally found in New Zealand Huntaway	Unknown
Mucopolysaccharidosis Type VI (MPSVI); mutation originally found in Poodle	Unknown
Hypocatalasia or Acatlasemia	Free
Mucopolysaccharidosis Type VII (MPS VII); mutation originally found in German Shepherd	Free
Imerslund-Gräsbeck Syndrome (IGS) or Intestinal cobalamin malabsorption; mutation originally found in Beagle	Free
Imerslund-Gräsbeck Syndrome (IGS) or Intestinal cobalamin malabsorption; mutation originally found in Border Collie	Free

Mucopolysaccharidosis Type IIIA (MPS IIIA); mutation originally found in New Zealand Huntaway	Free
Blood disorders	
Canine Cyclic Neutropenia (Gray Collie Syndrome)	Free
Trapped Neutrophil Syndrome (TNS)	Free
Von Willebrand's Disease (vWD) Type III; mutation originally found in Kooikerhondje	Free
Canine Leukocyte Adhesion Deficiency (CLAD), type I	Unknown
May-Hegglin Anomaly (MHA)	Free
Factor IX Deficiency or Haemophilia B; mutation originally found in Lhasa Apso	Free
Factor IX Deficiency or Haemophilia B, Gly379Glu mutation	Free
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in West Highland White Terrier	Free
Glanzmann Thrombasthenia (GT), Type I; mutation originally found in Pyrenean Mountain Dog	Free
Glycogen Storage Disease VII or Hereditary Phosphofructokinase (PFK) Deficiency	Free
Bleeding disorder due to P2RY12 defect	Free
Von Willebrand's Disease (vWD) Type III; mutation originally found in Shetland Sheepdog	Free
Factor VII Deficiency	Free
Factor VIII deficiency or Haemophilia A; mutation originally found in German Shepherd	Free
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in Labrador Retriever	Unknown
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in Pug	Free
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in Beagle	Free
Canine Leucocyte Adhesion Deficiency (CLAD), type III	Free
Factor IX Deficiency or Haemophilia B; mutation originally found in Rhodesian Ridgeback	Free
Factor IX Deficiency or Haemophilia B; mutation originally found in Airedale Terrier	Free
Factor IX Deficiency or Haemophilia B; mutation originally found in German Wirehaired Pointer	Free
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in Basenji	Free
Pyruvate Kinase Deficiency of Erythrocyte; mutation originally found in West Highland White Terrier	Unknown
Von Willebrand's Disease (vWD) Type II	Free
Congenital Macrothrombocytopenia; disease-linked SNP originally found in Norfolk and Cairn Terrier	Free
Thrombopathia; mutation originally found in Basset Hound	Free
Thrombopathia; mutation originally found in Landseer	Free
Thrombopathia; mutation originally found in Eskimo Spitz	Free
Prekallikrein Deficiency	Free
Elliptyctosis	Free
Factor VIII deficiency or Haemophilia A; p.Cys548Tyr mutation originally found in German Shepherd	Free
Factor VIII deficiency or Haemophilia A; mutation originally found in Boxer	Free
Von Willebrand's Disease (vWD) Type III; mutation originally found in Scottish Terrier	Free
Von Willebrand's Disease (vWD) Type I	Free
Canine Scott Syndrome, (CSS)	Free
Kidney disorders	
Autosomal Recessive Hereditary Nephropathy (ARHN); mutation originally found in English Cocker Spaniel	Unknown
Hyperuricosuria and Hyperuricemia (HUU) or Urolithiasis. Kidney disorder.	Free
Primary hyperoxaluria (PH); mutation originally found in Coton de Tulear	Free
X-linked Hereditary Nephropathy (XLHN)	Free
Autosomal Recessive Hereditary Nephropathy (ARHN); mutation originally found in English Springer Spaniel	Unknown
Polycystic Kidney Disease (PKD)	Free
Cystinuria, Type II-B; mutation originally found in Miniature Pinscher	Free
Renal Cystadenocarcinoma and Nodular Dermatofibrosis (RCND)	Free
Cystinuria; mutation originally found in Newfoundland Dog	Free
Cystinuria, Type II-A; mutation originally found in Australian Cattle Dog	Free
Protein Losing Nephropathy; NPHS1 gene variant	Free
Protein Losing Nephropathy; KIRREL2 gene variant	Unknown
Other disorders	
Malignant Hyperthermia (MH)	Free
Ivermectin sensitivity (MDR1)	Unknown
Narcolepsy; mutation originally found in Dobermann	Free
Primary Ciliary Dyskinesia (PCD)	Free
Congenital Keratoconjunctivitis Sicca and Ichthyosiform Dermatitis (CKCSID) or Dry Eye Curly Coat Syndrome	Free
Gallbladder Mucocele Formation	Unknown
Persistent Mullerian Duct Syndrome (PMDS), mutation originally found in Miniature Schnauzer	Free
Narcolepsy; mutation originally found in Labrador Retriever	Free

Narcolepsy; mutation originally found in Dachshund	Free
Autosomal Recessive Amelogenesis Imperfecta (ARAI)	Free
Hereditary Nasal Parakeratosis (HNPK)	Unknown
Cleft palate; mutation originally found in Nova Scotia Duck Tolling Retriever, reverse assay	Free

Muscular disorders

Muscular Dystrophy, Duchenne type or Golden Retriever Muscular Dystrophy (GRMD)	Free
Myotonia; mutation originally found in Miniature Schnauzer	Free
Cavalier King Charles Spaniel Muscular Dystrophy (CKCS-MD)	Free
Duchenne-like Muscular Dystrophy, Pembroke Welsh Corgi-type	Unknown
Myotubular Myopathy 1 or X-linked Myotubular Myopathy	Free
Centronuclear Myopathy; mutation originally found in Great Dane	Free
Myotonia; mutation originally found in Australian Cattle Dog	Free
Centronuclear Myopathy; mutation originally found in Labrador Retriever	Free
Cerebellar ataxia; mutation originally found in Old English Sheepdog and Gordon Setter	Free
Muscular Hypertrophy (Double Muscling)	Free
Muscular Dystrophy (MDL), Ullrich-type; mutation originally found in Landseer	Free
Duchenne or Dystrophin Muscular Dystrophy, (DMD); mutation originally found in Norfolk Terrier	Free

Immunological disorders

ARSCID (Autosomal Recessive Severe Combined Immunodeficiency)	Unknown
X-linked Severe Combined Immunodeficiency (XSCID); mutation originally found in Basset Hound	Free
X-linked Severe Combined Immunodeficiency (XSCID); mutation originally found in Cardigan Welsh Corgi	Free
C3 deficiency	Free
Severe Combined Immunodeficiency (SCID); mutation originally found in Frisian Water Dog	Free
Autosomal Recessive Severe Combined Immunodeficiency (ARSCID)	Free
Myeloperoxidase Deficiency	Free

Skeletal disorders

Osteogenesis imperfecta (OI) or Brittle Bone Disease; mutation originally found in Dachshund	Free
Chondrodysplasia (dwarfism); mutation originally found in Norwegian Elkhound and Karelian Bear Dog	Free
Skeletal Dysplasia 2 (SD2)	Free
Cranio-mandibular Osteopathy (CMO)	Free
Hereditary Vitamin D-Resistant Rickets (HVDRR)	Free
Osteogenesis imperfecta; mutation originally found in Golden Retriever	Unknown
Oculoskeletal Dysplasia 2 or Dwarfism-Retinal Dysplasia 2	Free
Osteogenesis imperfecta; mutation originally found in Beagle	Free
Osteochondrodysplasia, mutation originally found in Miniature Poodle	Free
Cleft Palate; Cleft Lip and Palate with Syndactyly; ADAMTS20 gene mutation originally found in Nova Scotia Duck Tolling Retriever	Free
Spondylocostal Dysostosis	Free
Van den Ende-Gupta Syndrome, (VDEGS)	Free

Skin disorders

Golden Retriever Ichthyosis	Unknown
Anhidrotic Ectodermal Dysplasia or X-linked Ectodermal Dysplasia (XHED)	Unknown
Musladin-Lueke syndrome (MLS)	Free
Lamellar Ichthyosis (LI)	Unknown
Epidermolysis bullosa, dystrophic	Free
Epidermolytic Hyperkeratosis or Ichthyosis in Norfolk Terrier	Free
Ectodermal dysplasia or Skin Fragility Syndrome (ED-SFS)	Unknown
Lamellar Ichthyosis (LI)	Free
Anhidrotic Ectodermal Dysplasia or X-linked Ectodermal Dysplasia (XHED)	Free
Hereditary Footpad Hyperkeratosis (HFH)	Free
Focal Non-Epidermolytic Palmoplantar Keratoderma (FNEPPK/DH)	Free
Ligneous Membranitis	Free
Ichthyosis; mutation originally found in Great Dane	Free

Cardiological disorders

Dilated Cardiomyopathy. DCM SAS Heart disorder only ULTRASOUND for Ridgebacks	Unknown
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Endocrine disorders

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

Free

Cardiac disorders

Long QT Syndrome

Free

Pharmacogenetics

Glucocorticoid receptor alpha (NR3C1) gene variant c.2111T>C

Unknown

Teeth disorders

Dental Hypomineralization; mutation originally found in Border Collie

Free

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P. Schubert, Studbook Manager



Ridgeback INTERNATIONAL

"Because there is more to a Ridgeback than just good looks"

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