

Chihuahua



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N	
Ehlers-Danlos Syndrome (Chihuahua, Poodle)	COL5A2	Donner, 2023	143	17.7%	
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	4246	11.5%	
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2018	173	10.0%	
		Donner, 2023	4268	7.45%	
Degenerative Myelopathy (DM)	SOD1	Donner, 2018	173	0.60%	
		Donner, 2023	4273	3.02%	
Dilated Cardiomyopathy risk factor (Doberman Pinscher)	PDK4	Donner, 2023	4273	2.77%	DOMINANT
Progressive Rod-Cone Degeneration (prcd-PRA)	PRCD	Donner, 2018	163	5.5%	
		Donner, 2023	4264	2.0%	
Von Willebrand's Disease, Type 2 (vWD 2)	VWF	Donner, 2018	163	4.2%	
		Donner, 2023	4273	0.0%	
Dilated Cardiomyopathy risk factor (Doberman Pinscher)	TTN	Donner, 2023	4273	1.90%	DOMINANT
Von Willebrand's Disease, Type 1 (vWD 1)	VWF	Donner, 2018	163	0.6%	
		Donner, 2023	4273	1.37%	
Primary Lens Luxation (PLL)	ADAMTS17	Donner, 2023	4273	0.86%	
Bald Thigh Syndrome (Sighthounds)	IGFBP5	Donner, 2023	143	0.70%	
Progressive Retinal Atrophy (Giant Schnauzer)	NECAP1	Donner, 2023	4273	0.61%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	4273	0.51%	
Cystinuria Type I-B (SLC7A9 p.A217T)	SLC7A9	Donner, 2023	4272	0.47%	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	4273	0.44%	
Neuronal Ceroid Lipofuscinosis 7 (Chinese Crested, Chihuahua)	MFSD8	Donner, 2023	4271	0.28%	
Exercise-Induced Collapse (EIC)	DNM1	Donner, 2023	4273	0.23%	
Prekallikrein Deficiency	KLKB1	Donner, 2023	4273	0.21%	
Macrothrombocytopenia (Norfolk, Cairn Terrier)	TUBB1	Donner, 2018	163	1.8%	
		Donner, 2023	4273	0.19%	
Collie Eye Anomaly (CEA)	NHEJ1	Donner, 2018	173	0.6%	
		Donner, 2023	4273	0.16%	
Skeletal Dysplasia 2 (SD2)	COL11A2	Donner, 2023	4273	0.16%	
Spinocerebellar Ataxia, Myokymia, Seizures (SCA)	KCNJ10	Donner, 2023	4273	0.16%	
Canine Multifocal Retinopathy 1 (Mastiffs; CMR1)	BEST1	Donner, 2023	4273	0.14%	
MDR1 (Multidrug Resistance 1) Medication Sensitivity	ABCB1	Donner, 2023	4273	0.14%	DOMINANT
Hypocalatalia	CAT	Donner, 2023	4273	0.12%	
Amelogenesis Imperfecta (Parson Russell Terrier; AI)	ENAM	Donner, 2023	4273	0.09%	
Congenital Hypothyroidism (Toy Fox, Rat Terrier)	TPO	Donner, 2023	4273	0.09%	
Glycogen storage disease VII (GSD VII), PFK Deficiency	PFKM	Donner, 2023	4273	0.09%	
Hyperuricosuria (HUU)	SLC2A9	Donner, 2023	4273	0.09%	
Congenital Dyshormonogenic Hypothyroidism, Goiter (Shih Tzu)	SLC5A5	Donner, 2023	4272	0.07%	
Factor VII Deficiency	F7	Donner, 2023	4273	0.07%	
Osteochondrodysplasia (Miniature Poodle)	SLC13A1	Donner, 2023	4273	0.07%	

Microphthalmia (Soft-Coated Wheaten Terrier)	RBP4	Donner, 2023	4273	0.05%	DOMINANT
Protein Losing Nephropathy (PLN)	NPHS1	Donner, 2023	4273	0.05%	
Rod-Cone Dysplasia 3 (Cardigan Welsh Corgi; rcd3)	PDE6A	Donner, 2023	4273	0.05%	
Von Willebrand's Disease, Type 3 (Shetland Sheepdog; vWD 3)	VWF	Donner, 2023	4273	0.05%	
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	4270	0.02%	
Centronuclear Myopathy (Labrador Retriever; CNM)	HACD1	Donner, 2023	4271	0.02%	
Acral Mutilation Syndrome (AMS)	GDNF	Donner, 2023	4273	0.02%	
Craniomandibular Osteopathy (Cairn, Scottish, WHW Terrier)	SLC37A2	Donner, 2023	4273	0.02%	
Fanconi Syndrome	FAN1	Donner, 2023	4273	0.02%	
Persistent Müllerian Duct Syndrome (PMDS)	AMHR2	Donner, 2023	4273	0.02%	
Stargardt Disease (Labrador Retriever)	ABCA4	Donner, 2023	4273	0.02%	