

Pug



[Labgenvet](#)
[Donner, 2018](#)
[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N	
Degenerative Myelopathy (DM)	SOD1	Labgenvet, 2021	21	38.1%	
		Donner, 2018	63	33.3%	
		Donner, 2023	5154	38.5%	
Von Willebrand's Disease, Type 1 (vWD 1)	VWF	Donner, 2018	50	16%	
		Donner, 2023	5154	4.1%	
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	5136	3.0%	DOMINANT
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2023	5145	0.5%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	5154	0.35%	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	5154	0.35%	
Progressive Retinal Atrophy (NECAP1-related)	NECAP1	Donner, 2023	5154	0.17%	
Progressive Rod-Cone Degeneration (prcd-PRA)	PRCD	Donner, 2023	5146	0.12%	
Canine Multifocal Retinopathy 1 (Mastiffs, CMR1)	BEST1	Donner, 2023	5154	0.1%	
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	5154	0.1%	DOMINANT
Cystinuria Type I-B (SLC7A9 p.A217T)	SLC7A9	Donner, 2023	5154	0.06%	
Primary Lens Luxation (PLL)	ADAMTS17	Donner, 2023	5154	0.06%	
Cranio-mandibular Osteopathy (Terriers)	SLC37A2	Donner, 2023	5154	0.04%	DOMINANT
Hypocalcaemia	CAT	Donner, 2023	5154	0.04%	
Shar-Pei Autoinflammatory Disease (SPAID)	MTBP, HAS2	Donner, 2023	5154	0.04%	
Primary Open Angle Glaucoma, Lens Luxation (Shar-Pei)	ADAMTS17	Donner, 2023	5152	0.02%	
Amelogenesis Imperfecta (Parson Russell Terrier; AI)	ENAM	Donner, 2023	5154	0.02%	
Factor VII Deficiency	F7	Donner, 2023	5153	0.02%	
Fanconi Syndrome	FAN1	Donner, 2023	5153	0.02%	
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	5154	0.02%	
Episodic Falling (EF)	BCAN	Donner, 2023	5154	0.02%	
Hereditary Footpad Hyperkeratosis (Irish Terrier)	FAM83G	Donner, 2023	5154	0.02%	
Macrothrombocytopenia (Norfolk, Cairn Terrier)	TUBB1	Donner, 2023	5154	0.02%	
Musladin-Lueke syndrome (MLS)	ADAMTS12	Donner, 2023	5154	0.02%	
Prekallikrein Deficiency	KLKB1	Donner, 2023	5154	0.02%	
Pyruvate Kinase (PK) Deficiency (Pug)	PKLR	Donner, 2023	5154	0.02%	