

Bulldog, English



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N	
Cystinuria Type I-B (SLC7A9 p.A217T)	SLC7A9	Donner, 2023	4806	49.4%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	4815	47.7%	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	4816	47.7%	
Hyperuricosuria (HUU)	SLC2A9	Labgenvet, 2021	13	15.4%	
		Donner, 2018	106	31.1%	
		Donner, 2023	4816	29.4%	
Canine Multifocal Retinopathy 1 (Mastiffs; CMR1)	BEST1	Labgenvet, 2021	8	62.5%	
		Donner, 2023	4816	23.4%	
Degenerative Myelopathy (DM)	SOD1	Labgenvet, 2021	8	25%	
		Donner, 2018	106	22.6%	
		Donner, 2023	4816	22.1%	
Chondrodystrophy, Intervert. Disc Disease Risk (CDDY)	FGF4	Donner, 2023	4803	1.2%	DOMINANT
Factor VII Deficiency	F7	Donner, 2023	4815	1.2%	
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2023	4808	0.39%	
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	4816	0.23%	DOMINANT
Ichthyosis (American Bulldog; NIPAL4-related)	NIPAL4	Donner, 2023	4816	0.12%	
MDR1 Medication Sensitivity	ABCB1	Donner, 2023	4816	0.08%	DOMINANT
Neuronal Ceroid Lipofuscinosis 4A (NCL4A)	ARSG	Donner, 2023	4815	0.04%	
Progressive Retinal Atrophy (Shetland; CNGA1-PRA)	CNGA1	Donner, 2023	4540	0.02%	
Dystrophic Epidermolysis Bullosa (Golden Retriever)	COL7A1	Donner, 2023	4812	0.02%	
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	4815	0.02%	
Hypocatalasia	CAT	Donner, 2023	4815	0.02%	
Collie Eye Anomaly (CEA)	NHEJ1	Donner, 2023	4816	0.02%	
Progressive Retinal Atrophy (GR PRA2)	TTC8	Donner, 2023	4816	0.02%	
Shar-Pei Autoinflammatory Disease (SPAID)	MTBP	Donner, 2023	4816	0.02%	