

American Bulldog



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N	
Hyperuricosuria	SLC2A9	Labgenvet, 2021	5	20.0%	
		Donner, 2018	47	19.2%	
		Donner, 2023	540	20.3%	
Ichthyosis (American Bulldog)	NIPAL4	Donner, 2023	540	16.5%	
Degenerative myelopathy	SOD1	Donner, 2018	47	2.1%	
		Donner, 2023	540	6.3%	
Cone Rod Dystrophy 1 (CRD1)	PDE6B	Donner, 2018	36	2.8%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	540	2.7%	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	540	2.7%	
Canine Multifocal Retinopathy 1 (Mastiffs; CMR1)	BEST1	Donner, 2023	540	2.4%	
Collie Eye Anomaly	NHEJ1	Donner, 2018	47	2.1%	
Neuronal Ceroid Lipofuscinosis 4A (NCL4)	ARSG	Donner, 2018	47	2.1%	
		Donner, 2023	540	0.55%	
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	540	1.1%	DOMINANT
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2023	540	1.1%	
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	540	0.37%	DOMINANT
Dilated Cardiomyopathy risk factor (TTN-related)	TTN	Donner, 2023	540	0.16%	DOMINANT