

Australian Cattle Dog



[Labgenvet](#)

[\(Donner, 2018\)](#)

[\(Donner, 2023\)](#)

Disease	Gene	Reference	# tests	M/N	
Progressive Rod-Cone Degeneration (prcd-PRA)	PRCD	Donner, 2018	37	59.5%	
		Donner, 2023	980	42.6%	
Primary Lens Luxation (PLL)	ADAMTS17	Labgenvet, 2021	3	33.3%	
		Donner, 2018	42	16.7%	
		Donner, 2023	982	13.9%	
Degenerative Myelopathy (DM)	SOD1	Donner, 2018	42	7.1%	
		Donner, 2023	982	9.8%	
Dilated Cardiomyopathy risk factor (TTN-related)	TTN	Donner, 2023	982	9.8%	DOMINANT
Cystinuria Type II-A	SLC3A1	Donner, 2018	37	5.4%	
		Donner, 2023	982	4.6%	
MDR1 (Multidrug Resistance 1) Medication Sensitivity	ABCB1	Donner, 2018	42	4.8%	DOMINANT
		Donner, 2023	982	0.51%	
Neuronal Ceroid Lipofuscinosis 5 (NCL5)	NCL5	Donner, 2023	982	2.9%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	981	2.5%	
Neuronal Ceroid Lipofuscinosis 12	ATP13A2	Donner, 2023	982	2.3%	
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2018	42	2.4%	
		Donner, 2023	979	0.61%	
Collie Eye Anomaly (CEA)	NHEJ1	Donner, 2023	982	1.1%	
Chondrodystrophy, Intervertebral Disc Disease (CDDY)	FGF4	Donner, 2023	972	0.62%	DOMINANT
Hyperuricosuria (HUU)	SLC2A9	Donner, 2023	982	0.31%	
Progressive Retinal Atrophy (MERTK-related)	MERTK	Donner, 2023	980	0.2%	
Canine Scott Syndrome (CSS)	ANO6	Donner, 2023	982	0.1%	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	982	0.1%	
Early-Onset Progressive Polyneuropathy	NDRG1	Donner, 2023	982	0.1%	
Hereditary Nasal Parakeratosis (HNPK)	SUV39H2	Donner, 2023	982	0.1%	
Hypocatalasia	CAT	Donner, 2023	982	0.1%	
Intestinal Cobalamin Malabsorption (CUBN-related)	CUBN	Donner, 2023	982	0.1%	
Spongy Degeneration with Cerebellar Ataxia (SDCA)	KCNJ10	Donner, 2023	982	0.1%	
Von Willebrand's Disease, Type 1 (vWD 1)	VWF	Donner, 2023	982	0.1%	