

Miniature Pinscher



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N
Ehlers-Danlos Syndrome (Chihuahua, Poodle)	COL5A2	Donner, 2023	1	50.0%
Degenerative Myelopathy (DM)	SOD1	Donner, 2023	658	20.0%
Dilated Cardiomyopathy risk factor (TTN-related)	TTN	Donner, 2023	658	17.6%
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	652	12.7%
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	658	0.61%
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	658	0.45%
Acral Mutilation Syndrome (AMS)	GDNF-AS	Donner, 2023	658	0.30%
Congenital Dysmorphogenetic Hypothyroidism Goiter (Shih Tzu)	SLC5A5	Donner, 2023	658	0.30%
Deafness and Vestibular Dysfunction (Doberman Pinscher)	MYO7A	Donner, 2023	658	0.30%
Progressive Rod-Cone Degeneration (prcd-PRA)	PRCD	Donner, 2023	658	0.30%
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2023	658	0.15%
Cranio-mandibular Osteopathy (Cairn, Scottish, WHW Terrier)	SLC37A2	Donner, 2023	658	0.15%
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	658	0.15%
Primary Lens Luxation (PLL)	ADAMTS17	Donner, 2023	658	0.15%
Primary Open Angle Glaucoma (Beagle; POAG)	ADAMTS10	Donner, 2023	658	0.15%
Progressive Retinal Atrophy (Giant Schnauzer)	NECAP1	Donner, 2023	658	0.15%
Skeletal Dysplasia 2 (SD2)	COL11A2	Donner, 2023	658	0.15%