

Old English Sheepdog



[Labgenvet](#)

[Donner, 2018](#)

[Donner, 2023](#)

Disease	Gene	Reference	# tests	M/N	
Exercise-Induced Collapse (EIC)	DNM1	Donner, 2023	423	22.8%	
Acral Mutilation Syndrome (AMS)	GDNF	Donner, 2023	423	14.6%	
MDR1 (Multidrug Resistance 1) Medication Sensitivity	ABCB1	Donner, 2023	423	10.1%	DOMINANT
Cerebellar Ataxia (Old English Sheepdog, Gordon Setter)	RAB24	Donner, 2023	423	7.3%	
Primary Ciliary Dyskinesia (Old English Sheepdog; PCD)	CCDC39	Donner, 2023	423	2.8%	
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	423	0.94%	DOMINANT
Collie Eye Anomaly (CEA)	NHEJ1	Donner, 2023	423	0.24%	
Degenerative Myelopathy (DM)	SOD1	Donner, 2023	423	0.24%	