

Siberian Husky



Labgenvet
Donner, 2018
Donner, 2023

Disease	Gene	Reference	# tests	M/N	
Degenerative Myelopathy	SOD1	Donner, 2023	9035	1.4%	
MDR1 (Multidrug Resistance 1) Medication Sensitivity	ABCB1	Donner, 2023	9035	1.4%	DOMINANT
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	9035	0.46%	DOMINANT
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	8995	0.36%	DOMINANT
Collie Eye Anomaly (CEA)	NHEJ1	Donner, 2023	9034	0.32%	
Progressive Rod-Cone Degeneration (prcd-PRA)	PRCD	Donner, 2023	9014	0.31%	
Von Willebrand's Disease, Type 1 (vWD 1)	VWF	Donner, 2023	9035	0.13%	
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Donner, 2023	9017	0.10%	
Early-Onset Progressive Polyneuropathy (Alaskan Malamute)	NDRG1	Donner, 2023	9035	0.07%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	9034	0.06%	
Dilated Cardiomyopathy risk factor (TTN-related)	TTN	Donner, 2023	9034	0.04%	DOMINANT
Stargardt Disease (Labrador Retriever)	ABCA4	Donner, 2023	9034	0.04%	
Cystinuria Type I-B (SLC7A9 p.A217T)	SLC7A9	Donner, 2023	9035	0.04%	
Dilated Cardiomyopathy (Schnauzer; DCM)	RBM20	Donner, 2023	9035	0.03%	
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	9035	0.03%	
Canine Scott Syndrome (CSS)	ANO6	Donner, 2023	9035	0.02%	
Cone Degeneration (Alaskan Malamute)	CNGB3	Donner, 2023	9035	0.02%	
Oculoskeletal Dysplasia (OSD2)	COL9A2	Donner, 2023	9035	0.02%	
Primary Ciliary Dyskinesia (Alaskan Malamute; PCD)	NME5	Donner, 2023	9035	0.02%	
X-Linked Progressive Retinal Atrophy 1 (XLPRA1)	RPGR	Donner, 2023	9035	0.02%	X-LINKED
Dental Hypomineralisation (Border Collie)	FAM20C	Donner, 2023	9027	0.01%	
Exercise-Induced Collapse (EIC)	DNM1	Donner, 2023	9032	0.01%	
Cystinuria Type II-A (Australian Cattle Dog)	SLC3A1	Donner, 2023	9034	0.01%	DOMINANT
Hyperuricosuria (HUU)	SLC2A9	Donner, 2023	9034	0.01%	
Prekallikrein Deficiency	KLKB1	Donner, 2023	9034	0.01%	
Progressive Retinal Atrophy (Swedish Vallhund; MERTK-related)	MERTK	Donner, 2023	9034	0.01%	
Rod-Cone Dysplasia 1 (Irish Setter; rcd1)	PDE6B	Donner, 2023	9034	0.01%	
Glycogen storage disease VII (GSD VII), Phosphofructokinase (PFK) Def	PFKM	Donner, 2023	9035	0.01%	
Ichthyosis (Golden Retriever)	ABHD5	Donner, 2023	9035	0.01%	
Skeletal Dysplasia 2 (SD2)	COL11A2	Donner, 2023	9035	0.01%	