French Bulldog

Labgenvet

Labgenvet
Donner, 2018
Donner, 2023

Disease	Gene	Reference	# tests	M/N	
Cystinuria Type I-A (SLC3A1 p.S698G)	SLC3A1	Donner, 2023	13114	36.4%	
Cystinuria Type I-A (SLC3A1 p.I192V)	SLC3A1	Donner, 2023	13114	36.0%	
Degenerative Myelopathy (DM)	SOD1	Labgenvet, 2021	5	32.0%	
		Donner, 2018	85	28.0%	
		Donner, 2023	13111	31.5%	
Chondrodystrophy, Intervertebral Disc Disease Risk (CDDY)	FGF4	Donner, 2023	13062	21.3%	**DOMINANT**
Cone-Rod Dystrophy (cord1-PRA/crd4)	RPGRIP1	Labgenvet, 2021	4	25.0%	
		Donner, 2018	85	23.5%	
		Donner, 2023	13097	14.7%	
Canine Multifocal Retinopathy 1 (Mastiff; CMR1)	BEST1	Donner, 2023	13114	10.2%	
Hereditary cataracts (terriers)	HSF4	Donner, 2018	62	8.8%	
Dilated Cardiomyopathy risk factor (PDK4-related)	PDK4	Donner, 2023	13114	6.6%	**DOMINANT**
Cystinuria Type I-B (SLC7A9 p.A217T)	SLC7A9	Donner, 2023	13113	1.3%	
Hyperuricosuria (HUU)	SLC2A9	Donner, 2023	13114	0.4%	
Hypocatalasia	CAT	Donner, 2023	13113	0.03%	
Von Willebrand's Disease, Type 1 (vWD 1)	VWF	Donner, 2023	13114	0.03%	

Mutation reported at very low frequency (Donner, 2023):					
Shar-Pei Autoinflammatory Disease (SPAID)	MTBP, HAS2	Donner, 2023	13114	>0.01%	
Early-Onset Progressive Polyneuropathy (Greyhound)	NDRG1	Donner, 2023	13109	>0.01%	
Craniomandibular Osteopathy (Terrier)	SLC37A2	Donner, 2023	13114	>0.01%	**DOMINANT**
Neonatal Cerebellar Cortical Degeneration (NCCD)	SPTBN2	Donner, 2023	13114	>0.01%	