



Pet Genetics Lab

www.petgeneticslab.co.uk

Unit 11A-12A Village Walk, Onchan, Isle of Man, IM3 4EB

DNA Test Certificate: 31001809335836

Foresight Health® Dog

Name:	GARY WILSON	Dog name:	BLADE
Address:		Sex:	M (DOB: 2017-05-07)
Microchip:	900200000914258	Breed:	Labrador Retriever
KC name:	ROSSO FYN OF PIGEONMAN	KC registration:	AU01914106
Date Received:	Mar 11, 2019	Results date:	Mar 28, 2019

The DNA for this testing was collected by the owner/breeder.

Disorder	Mutation	Result
Progressive Retinal Atrophy (PRA-CORD1/PRA-crd4)	RPGRIP1 (gross insertion)	CLEAR
Elliptocytosis	SPTB ()	CLEAR
Centronuclear myopathy	HACD1 ()	CLEAR
Cystinuria Type 1A	SLC3A1 (c.350delG)	CLEAR
Degenerative Myelopathy	SOD1 (c.100G>A)	CLEAR
Copper Storage Disease (Menke)	ATP7A (c.980C>T)	CLEAR
Narcolepsy	HCRTTR2 ()	CLEAR
Pyruvate kinase deficiency	PKLR (c.799C>T)	CLEAR
Hyperuricosuria	SLC2A9 (c.563G>T)	CLEAR
Copper Toxicosis (Wilsons Disease)	COMMD1 (gross deletion)	CLEAR
Alexander Disease	GFAP (c.719G>A)	CLEAR
Labrador obesity susceptibility	POMC ()	CLEAR
Progressive Retinal Atrophy (PRA-PRCD)	PRCD (c.5G>A)	CLEAR
Hereditary nasal parakeratosis	SUV39H2 (c.972T>G)	CLEAR
Exercise-Induced Collapse	DNM1 (c.767G>T)	CLEAR
Achromatopsia (Cone Degeneration)	CNGA3 (c.1931_1933delTGG)	CLEAR
Myotubular myopathy 1	MTM1 (c.465C>A)	CLEAR
Oculoskeletal dysplasia 1	COL9A3 (insG)	CLEAR
Skeletal Dysplasia 2	COL11A2 (c.143G>C)	CLEAR

Congenital Myasthenic Syndrome	COLQ (c.1010T>C)	CLEAR
Progressive Retinal Atrophy (GR-PRA2)	TTC8 (c.669delA)	CLEAR
Macular corneal dystrophy	LOC489707 (c.814C>A)	CLEAR

Guide to results

CLEAR	Clear means we have tested for the mutation known to cause the disorder and have not found it. BLADE will not develop the disorder and does not carry it.
CARRIER	Carrier means we have tested for the mutation known to cause the disorder and have found one copy of it. BLADE will not develop the disorder but can pass the mutation onto their offspring. If you choose to breed from this animal, care must be taken to ensure that any potential mate has tested CLEAR for the mutation BLADE carries, otherwise approximately 25% of puppies will be affected with the disorder.
AT RISK	If your animal has any "at risk" mutations it means that our geneticists have determined that BLADE is likely to develop the disorder. You should read the information about the disorder carefully, along with the notes left by our geneticists. It is advisable that you show this report to your vet during your next routine visit, unless otherwise indicated by the geneticist.

Disclaimer: we can only test for mutations which are currently known to cause specific disorders. This does not include mutations and disorders which have not yet been described. Should BLADE become ill you should always follow the advice of your veterinary surgeon.

This certificate was downloaded from our website on Feb 24, 2021.