



Pet Genetics Lab

www.petgeneticslab.co.uk

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

DNA Test Certificate: 31001812044827

Foresight Health® Dog

Name: Shannon	Dog name: Ruby Cornford
Address:	Sex: F
Microchip: /	Breed: Australian Labradoodle
Date Received: Sep 19, 2019	Results date: Oct 11, 2019

Disorder	Mutation	Result
Osteochondrodysplasia (OCD)	SLC13A1 gross deletion	CLEAR
Progressive Retinal Atrophy (CORD1 / rcd4)	RPGRIP1 gross insertion	CLEAR
Centronuclear Myopathy (CNM)	HACD1 gross insertion	CLEAR
Gangliosidosis GM2 (HEXB variant)	HEXB delG	CLEAR
Degenerative myelopathy (DM)	SOD1 G>A	CLEAR
Phosphofructokinase deficiency (PFKD)	PFKM G>A	CLEAR
Narcolepsy	HCRTR2 G>A	CLEAR
Familial Nephropathy (FN)	COL4A4 A>T	CLEAR
Pyruvate kinase deficiency	PKLR C>T	CLEAR
Hyperuricosuria (HUU)	SLC2A9 G>T	CLEAR
Von Willebrand disease I (vWD1)	VWF G>A	CLEAR
Progressive Retinal Atrophy (PRA) progressive rod-cone degeneration (PRCD)	PRCD G>A	CLEAR
Nasal parakeratosis (HNPK)	SUV39H2 T>G	CLEAR
Exercise-induced collapse (EIC)	DNM1 G>T	CLEAR
Neonatal encephalopathy with seizures (NEWS)	ATF2 T>G	CLEAR
Myotubular myopathy 1	MTM1 C>A	CLEAR
Skeletal dysplasia (SD2)	COL11A2 G>C	CLEAR
Congenital myasthenic syndrome	COLQ T>C	CLEAR
Progressive Retinal Atrophy (PRA-GR2)	TTC8 delA	CLEAR

Guide to results

CLEAR

Clear means we have tested for the disease-causing mutation and have not found it. Your dog will not develop the disorder and cannot pass them onto their offspring. However, it is possible your dog could have a disease-causing mutation for this disorder that has not been discovered by scientists yet. You should always take the advice of your vet if Ruby Cornford is unwell.

CARRIER

A carrier is a dog which has inherited one mutated copy of a gene and one normal copy. This means Ruby Cornford will be healthy but can pass on the mutated copy to any offspring. If Ruby Cornford is a carrier of a disorder they will not develop the disorder but you should read the notes left by our geneticist.

AT RISK

If your dog has any "at risk" mutations it means that our geneticists have determined that Ruby Cornford 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.

This certificate was downloaded from our website on Jan 8, 2020.