Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

220 E. Rowan, Suite 220
Spokane, Washington 99207
www.pawprintgenetics.com
(509) 483-5950

Laboratory Report

Laboratory #:	45751	**Call Name:**	Mia
Order #:	21686	**Registered Name:**	-
Ordered By:	Stephanie Huber	**Breed:**	Labradoodle
Ordered:	March 30, 2017	**Sex:**	Female
Received:	April 17, 2017	**DOB:**	Oct. 2012
Reported:	May 1, 2017	**Registration #:**	-
		Microchip #:	0C00070426

Results:

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	*PTPLA*	WT/WT	Normal (clear)
Cystinuria (Labrador Retriever Type)	*SLC3A1*	WT/WT	Normal (clear)
Degenerative Myelopathy	*SOD1*	WT/WT	Normal (clear)
Elliptocytosis	*SPTB*	WT/WT	Normal (clear)
Exercise-Induced Collapse	*DNM1*	WT/WT	Normal (clear)
GM2 Gangliosidosis (Poodle Type)	*HEXB*	WT/WT	Normal (clear)
Hereditary Nasal Parakeratosis	*SUV39H2*	WT/WT	Normal (clear)
Hyperuricosuria	*SLC2A9*	WT/WT	Normal (clear)
Myotubular Myopathy 1	*MTM1*	WT/WT	Normal (clear)
Narcolepsy (Labrador Retriever Type)	*HCRTR2*	WT/WT	Normal (clear)
Neonatal Encephalopathy with Seizures	*ATF2*	WT/WT	Normal (clear)
Osteochondrodysplasia	*SLC13A1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4	*RPGRIP1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Golden Retriever 2	*TTC8*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	*PRCD*	WT/WT	Normal (clear)
Pyruvate Kinase Deficiency (Labrador Retriever Type)	*PKLR*	WT/WT	Normal (clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	*COL9A3*	WT/WT	Normal (clear)
Skeletal Dysplasia 2	*COL11A2*	WT/WT	Normal (clear)
Von Willebrand Disease I	*VWF*	WT/WT	Normal (clear)

WT, wild type (normal); M, mutant

Interpretation:

Molecular genetic analysis was performed for 19 specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in the mutations tested.

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the diseases caused by or associated with the mutations tested. Because this dog is "clear" of these mutations, this dog will only pass the normal genes on to its offspring. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. Paw Print Genetics® has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Casey R Carl, DVM
Associate Medical Director