

## Dog Information

Rockin M River MS (River)  
NAME

Female  
SEX

Dachshund  
BREED ANCESTRY

November 14th, 2023  
DATE OF BIRTH

American Kennel Club (AKC)  
REGISTRATION

n/a  
MICROCHIP

Chelsea Mixon  
OWNER NAME

Canine Genetic Health Screen  
TEST

June 10th, 2024  
TEST DATE

## BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Degenerative Myelopathy, DM	SOD1A	GG	Clear	
Mucopolysaccharidosis Type IIIA, Sanfilippo Syndrome Type A, MPS IIIA	SGSH	NN	Clear	
Narcolepsy	HCRT2	GG	Clear	
Neuronal Ceroid Lipofuscinosis 1, NCL 1	PPT1 (Exon 8)	NN	Clear	
Neuronal Ceroid Lipofuscinosis 2, NCL 2	TPP1 (Exon 4)	NN	Clear	
Progressive Retinal Atrophy, crd4/cord1	RPGRIP1 (Exon 2)	NN	Clear	
Chondrodystrophy and Intervertebral Disc Disease, CDDY/IVDD, Type I IVDD	FGF4 - chr12	N/I	1 Variant	
Limb-Girdle Muscular Dystrophy 2D	SGCA Exon 3	GG	Clear	
Osteogenesis Imperfecta, Brittle Bone Disease	SERPINH1 (Exon 5)	CC	Clear	
Progressive Retinal Atrophy 5, PRA5	NECAP1 Exon 6	GG	Clear	

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## INBREEDING AND DIVERSITY

	RESULT	GENETIC RESULT
Genetic Diversity		
Coefficient Of Inbreeding		7%
MHC Class II - DLA DRB1		High Diversity
MHC Class II - DLA DQA1 and DQB1		High Diversity