

DNA Test Report

Animal Molecular Genetics Laboratory
University of Missouri
College of Veterinary Medicine



Owner Information

Owner: Bettina Zumbrunnen
Address: Austrasse 2
City-St-Zip: Wichtrach, Switzerland 3114

Dog Information

Call Name: Yoshi Breed: Parson Russel Terrier
Registered Name: Smart Bandits Prime Edition
Reg Number: 756098100866977 (chip)
Sex male Birthdate: 4/15/2019

AMGL Case #: 142786 DNA Source: whole blood
Testing Date: 12/14/2020
Test Run: NNA - Neonatal Ataxia Result: NORMAL

Explanation of results:

NORMAL: This dog has tested normal (no mutation present) for the mutation known to cause NNA. It can only transmit a normal gene to offspring, and current information indicates that dogs with this result can be bred to a dog with any test result without risk of producing affected offspring.

MUTATION PRESENT (carrier or affected): The mutation causing NNA has been detected in this sample. If this dog was over 6 weeks of age at the time the sample was collected and showed no clinical signs of NNA, the dog is genetically a carrier (1 normal copy and 1 mutated copy of the gene). Affected puppies (2 mutated copies of the gene) are never normal and clinically distinct from their normal littermates by 2 to 4 weeks of age. Affected pups do not survive to an age where they could be used in a breeding program. Carrier individuals may be used in a careful breeding program to preserve their positive traits, but should only be bred to a mate that has been DNA-tested NORMAL, to avoid risk of producing any affected puppies.

Additional details available online at www.CanineGeneticDiseases.net/ataxia/, click "JRT Neonatal Ataxia"