

# DNA Test Report

*Animal Molecular Genetics Laboratory  
University of Missouri  
College of Veterinary Medicine*



## **Owner Information**

Owner: Victoria Proulx  
Address: 12 Colonial Dr  
City-St-Zip: Litchfield, NH 03052

## **Dog Information**

Call Name: Mia Breed: English Springer Spaniel  
Registered Name: Little Frost Mia  
Reg Number: SS10226007  
Sex female Birthdate: 1/7/2019

AMGL Case #: 143914 DNA Source: whole blood  
Testing Date: 3/8/2021  
Test Run: PFK- Phosphofructokinase Deficiency Result: NORMAL

## **Explanation of results:**

**NORMAL:** This dog has tested normal (or clear) for the mutation causing phosphofructokinase deficiency in this breed. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result without producing affected offspring.

**CARRIER:** This dog has tested as a carrier for the mutation causing phosphofructokinase deficiency in this breed. It will not develop PFK, but it may transmit either a normal gene or an affected gene to offspring.

**AFFECTED:** This dog has tested as affected for the mutation causing phosphofructokinase deficiency in this breed.

Additional details available online at [www.CanineGeneticDiseases.net](http://www.CanineGeneticDiseases.net), in DM section.

*Animal Molecular Genetics Laboratory  
321 Connaway Hall – University of Missouri College of Veterinary Medicine  
Columbia, MO 65211 573-884-3712 HansenL@Missouri.edu*