

# 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: 3/2/2021  
Test Run: DM-Degenerative Myelopathy Result: NORMAL

## **Explanation of results:**

**NORMAL:** This dog has tested normal (or clear) for the mutation known to cause Degenerative Myelopathy. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result with very minimal risk of producing affected offspring.

**CARRIER:** This dog has tested as a carrier for the mutation known to cause Degenerative Myelopathy. It is far less likely to develop clinical symptoms of DM than dogs tested **AFFECTED**, but DM has been confirmed in a very few carrier dogs. It may transmit either a normal gene or an affected gene to potential offspring.

**AFFECTED/AT RISK:** This dog has tested as affected for the mutation known to cause Degenerative Myelopathy. It is at risk for developing clinical symptoms of DM at some point in its lifetime, usually after 8 years of age. We do not presently have a way to predict when symptoms may appear

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

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