

# DNA Test Report

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



## **Owner Information**

*Owner:* Peggy Otto  
*Address:* 160 Manchester Rd  
*City-St-Zip:* , SC 29483

## **Dog Information**

*Call Name:* Levi *Breed:* Boxer  
*Registered Name:* PRO's Original 501 Blues  
*Reg Number:* WS03224201  
*Sex:* Male *Birthdate:*

*AMGL Case #:* 65677 *DNA Source:* whole blood  
*Testing Date:* 5/22/2009  
*Test Run:* DM-Degenerative Myelopathy *Result:* Affected/At Risk

## **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 without producing affected offspring.

**CARRIER:** This dog has tested as a carrier for the mutation known to cause Degenerative Myelopathy. It will not develop clinical symptoms of DM, but it may transmit either a normal gene or an affected gene to offspring.

**AFFECTED:** 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.

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