

# DNA Test Report

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



## **Owner Information**

*Owner:* David & Mitzi Day  
*Address:* 1832 CR 2726  
*City-St-Zip:* Caddo Mills, TX 75135

## **Dog Information**

*Call Name:* Neeka *Breed:* Jack Russell Terrier  
*Registered Name:* Day Dream Neeka  
*Reg Number:*  
*Sex:* female *Birthdate:* 4/11/2009

*AMGL Case #:* 70538 *DNA Source:* whole blood  
*Testing Date:* 12/3/2009  
*Test Run:* PLL-Primary Lens Luxation *Result:* Normal

## **Explanation of results:**

**NORMAL:** This dog has tested normal (or clear) with respect to the mutation known to cause Primary Lens Luxation. It can only transmit a normal gene to potential offspring.

**CARRIER/LOW RISK:** This dog has tested as a carrier/low risk with respect to the mutation known to cause Primary Lens Luxation. This means the dog has one normal copy and one mutated copy of the gene, and has a slight (5-10%) risk of developing PLL. Either the normal copy or the mutated copy of the gene can be transmitted to potential offspring.

**AFFECTED/HIGH RISK:** This dog has tested as affected/high risk with respect to the mutation known to cause Primary Lens Luxation. It is at risk for developing clinical symptoms of PLL at some point in its lifetime, usually between 4-8 years of age. It can only transmit a mutated copy of the gene to potential offspring.

Additional details are available online at [www.CanineGeneticDiseases.net](http://www.CanineGeneticDiseases.net), in the "Glaucoma & Lens Luxation" section.