

It is my pleasure to report that there is finally a TEST for dwarfism in Great Pyrenees. After 24 years of gathering DNA, mapping genomes (a dwarf's DNA was the 5<sup>th</sup> dog ever mapped completely in the world), and much hard work by world class researchers at the University of MN, we have a test. The technology involved in finding this DNA information has only existed for a few years and we are lucky that it was available to us.

I have obtained a grant from Good Dog that will assist with the cost of testing, targeting breeders who test multiple dogs and make those results public on OFA. More information on this will be provided shortly.

I would like to show my appreciation to all who have contributed DNA and supported this long project, to the AKC Canine Health Foundation and the GPCA Health Committee, who contributed funding for the research, to Dr. Mark Neff who initiated the DNA research, and to the team at University of Minnesota, Katie Minor, RN, Dr. James Mickelson, and Dr. Kari Ekenstedt (Purdue University), who has piloted and completed this research and now, test. I'd also like to thank all those that trusted me with their dog's DNA that contributed to the completion of this project.

A special thanks to Willow, my Great Pyrenees dwarf, born in 1997, who was the impetus that drove me to pursue this project for so long – Framboise Live and Let Live, CD, DD, TDI.

Here are some links:

To test your dog at the University of MN: [UMN Canine Genetics Lab | Great Pyrenees Health Panel](#)

Good Dog Breeder Grant link [Good Dog's Club Partnership Program](#)

AKC Canine Health Foundation link: [AKC Canine Health Foundation | Basis of Dwarfism in Great Pyrenees \(akcchf.org\)](#)

Poster for research from University of MN 2018 [PowerPoint Presentation \(umn.edu\)](#)

Dwarfism report from 2007 - [Microsoft Word - DwarfMarkerProject1206a \(gpcahealth.org\)](#)

Research from 1994 Dr Ron Sande at University of Washington: [Chondrodysplasia.PDF \(psu.edu\)](#)

To complete a dwarfism Health Survey: [Great Pyrenees Dwarfism Health Survey | College of Veterinary Medicine - University of Minnesota \(umn.edu\)](#)

Facebook page to support Great Pyrenees dwarfism: [Great Pyrenees dwarfism Research and Information | Facebook](#)