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Report:

Research regarding the inheritance of sensory ataxic neuropathy in Golden retrievers

Our research of sensory ataxic neuropathy (SAN) in Golden retrievers confirms mitochondrial inheritance of this disease. This means that SAN is only inherited from the mother to the offspring. We have identified a mutation in the mitochondrial genome, which explain the increased probability of both male and female puppies to be affected by SAN from a carrier bitch.

To reduce the spread of the current mutation in the breed we would advise not to breed bitches that are direct descendents on the maternal side to the female, Country Boy's Golden Kay S22808/71.

Male dogs that are descendents of Country Boy's Golden Kay (S22808/71) can be used for breeding since SAN is only transmitted from bitches.

Within short we will offer breeders to DNA test potential breeding bitches.

Kind Regards,

The Research group

Dept. of Animal Breeding and Genetics

Izabella Baranowska, PhD student

Leif Andersson, professor

Göran Andersson, professor

Dept. of Clinical Sciences

Karin Hultin Jäderlund, DVM, dipl. European College of Veterinary Neurology

Åke Hedhammar, professor

If you have any questions, please contact:

Izabella.Baranowska@hgen.slu.se