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Primary Lens Luxation (PLL) Test

Name	Breed	Result
Great Golden King	Miniature Bull Terrier	Normal

The test results are interpreted as follows:

- Normal: Dog has two normal copies of the gene. Research has demonstrated that normal dogs will not develop PLL as a result of the mutation we are testing for. Although we cannot exclude the possibility of dogs developing PLL due to other causes, such as trauma or the effects of other unidentified mutations.
- Carrier: Dog has one copy of the mutation and one copy of the normal gene. Research has demonstrated that carriers have a very low risk of developing PLL. The majority of carriers will not develop PLL during their lifetime, but 2% 20% of carriers will develop the condition. Although we believe the true percentage is closer to 2% than 20%. We do not currently know why some carriers develop the condition whereas the majority does not. We advise that all carriers have their eyes examined by a veterinary ophthalmologist every 6- 12 months from the age of two years throughout their lives.
- Affected: Dog has two copies of the mutation and will almost certainly develop PLL during its lifetime. We advise that all genetically affected dogs have their eyes examined by a veterinary ophthalmologist every 6 months from the age of 18 months, so the clinical signs of PLL are detected as early as possible.

On behalf of Genosoper Oy

Ritala

Marjut Ritala Senior Lab Manager

Helsinki 7.5.2012

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Genoscoper aims to highest quality in the testing process to ensure correct results. Genoscoper warrants its test results to be accurate for the sample obtained from a animal specified in the confirmation of order, as identified by the information given by the owner of the animal. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. In no event shall Genoscoper be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within one year of the report of the test results. By paying the invoice the client understands and agrees these testing conditions.