



COLLEGE OF VETERINARY MEDICINE

PATHOBIOLOGY

January 23, 2013

Tanner Christian
Sunnewis 2
9630 Wattwil
SWITZERLAND

Dear Tanner Christian:

The following PCR test results are for Biri-Bo vom Sonnenland, a female Landseer-ECT born on January 30, 2012.

Biri-Bo vom Sonnenland – CLEAR
Studbook number: Land 1163/12
Chip Nr: 900088000541037

CLEAR – The gene defect described as causing Landseer thrombopathia is not present.

CARRIER – The gene defect described as causing Landseer thrombopathia is present on one gene and absent on the other. The sire and/or the dam are carriers for the mutation.

AFFECTED – The gene defect described as causing Landseer thrombopathia is present on both genes. The sire and the dam are obligate carriers of the mutation.

MUTATION DESCRIPTION – Landseer thrombopathia is caused by a single nucleotide change resulting in the appearance of a premature stop codon in the gene encoding CalDAG-GEFI, a critical signal transduction protein in platelets. This change likely results in the lack of production of this critical protein.

Sincerely,

Mary K. Boudreaux, DVM, PhD

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