



RUHR-UNIVERSITÄT BOCHUM | HUMANGENETIK | 44780 BOCHUM | GERMANY

Family  
Verony Hagelen  
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**MEDIZINISCHE FAKULTÄT**

**HUMANGENETIK**  
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— *Yanneman Cado v. Wietse Sebastiaan* 4/1/2006  
Direct mutation analysis for gPRA in Schapendoes  
Sample received: 2/22/2008

— Reg. No.: 528140000229064 / NHSB 2602059  
Our reference: PRASD794dir

Dear Family Hagelen,

for the direct mutation test DNA was amplified by polymerase chain reaction (PCR) and characterized by specific restriction endonuclease cleavage in order to detect the mutation on chromosome CFA 20 identified by Dekomien et al (2009).

**Results:**

The direct DNA analysis has revealed the following genotype for your dog:

Name of Schapendoes	Genotype
<i>Yanneman Cado v. Wietse Sebastiaan</i>	++


**Evaluation:**

— *Yanneman Cado v. Wietse Sebastiaan*

If you have additional questions, please do not hesitate to contact us.

Yours sincerely

  
Prof. Dr. J.T. Epplen  
Specialist for Human Genetics

  
Dr. G. Dekomien  
Biologist