



The University of Sydney

Department of Veterinary Clinical Sciences

Faculty of Veterinary Science

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Dear Dexter Breeder,

We are a group of researchers from the University of Sydney in Australia. Our aim is to find the bulldog gene and develop a DNA test for the identification of carriers. Breeders will then be able to avoid carrier/carrier matings, and eliminate the occurrence of bulldogs. For this we need as much information about Dexters as possible and we would greatly appreciate your support. So if you have ever had a bulldog calf born in your herd, or you own an animal that produced a bulldog calf in another herd, you could help us by filling out the following Questionnaire. This will accelerate the development of a DNA test that will allow us to breed Dexters without the lethal bulldogs!

Name: _____

Address: _____

Ph: _____ Fax: _____ Email: _____

Herd size: _____

Have you ever had a bulldog calf born in your herd – or do you own an animal that has produced a bulldog calf in another herd? Yes No

If yes,

You could help us with our study by providing pedigree information and hair samples or pedigree information if you no longer have the animals. We are interested in samples from: (1)bulldogs and (2)animals related to bulldogs, e.g. dams, sires, grandparents, sibs etc. If the animals are no longer alive, pedigree information on its own is helpful, but the more samples for DNA analysis we get – the more efficient the gene hunt will be.

Have you included any other hair samples? Please name the animal and describe how it is related to a bulldog: _____

Are any of these animals paternity tested by bloodgroup or DNA (dam and sire confirmed as parents of the bulldog)? Please

name: _____

If you have a bulldog born, could you please take a photograph for us and let us know immediately. Please take a tissue sample (eg. tongue or liver, etc (about the size of a chicken egg)) and freeze it for us. Let us know and we will arrange to have it treated with formalin and transferred to our lab in Australia.

From relatives of bulldogs, or animals of interest, approximately 20 strands of hair should be pulled from the tail, including the roots. The hair samples should be in a separate, sealed plastic bag for each animal and clearly labeled with the name of the animal and it's herdbook number. It is very important that hair samples are not mixed together in any way!

Please copy the questionnaire in case you have any bulldogs born in future!

The hair samples and the questionnaire should be sent by normal post to:

To Prof Gradwohl?

Dr Imke Tammen & Julie Cavanagh

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Pedigree

(please fill in name and herdbook number and tick the box behind the animal if hair sample is included)
please copy this pedigree form if needed.

GG5: _____

GS: _____

GGD: _____

Sire: _____

GG5: _____

GD: _____

GGD: _____

Bulldog: _____

GG5: _____

GS: _____

GGD: _____

Dam: _____

GG5: _____

GD: _____

GGD: _____