



THE UNIVERSITY OF
SYDNEY

Lymphoma in Australian Bullmastiffs February 2014 Update

University of Sydney, Faculty of Veterinary Science

- I am happy to report that we have now received 64 responses to the Australian Bullmastiff Health Survey which is great and is providing some valuable information regarding the breeds longevity, common health concerns and lymphoma cases. If you have not yet completed the survey and would like to please visit <https://www.surveymonkey.com/s/BullmastiffSurvey>. The survey can be completed for each of your bullmastiff dogs healthy, ill and deceased.
- More blood samples are on their way for inclusion in our genetic analysis including from 2 more dogs with lymphoma.
- The Bullmastiff Database now consists of 14,424 records from Bullmastiffs registered in Australia. Once we have received a final 2000 records along with further survey responses we can move forward with our pedigree analysis.
- Early analysis of the genotyping data from 66 samples is suggesting some population stratification within Australian Bullmastiffs with lines originating from the UK clustering separately from those from the USA based on genetic similarity.
- We are currently analyzing the genotyping data and have identified some possible candidate regions that may play a role in lymphoma development for further investigation. More samples from dogs with lymphoma will assist us in more accurately identifying which of these regions are associated with the disease.
- We are still seeking blood samples from healthy Bullmastiff dogs and especially any with lymphoma if you are interested in donating a sample you can contact me at smor5136@uni.sydney.edu.au or visit <http://sydney.edu.au/vetscience/about/students/sally-mortlock.shtml>.

Thanks everyone for your support!!!!

Kind Regards

Sally