

**Research Activity Report**  
**Supported by “Leading Graduate Program in Primatology and Wildlife Science”**  
 (Please be sure to submit this report after the trip that supported by PWS.)

2014. 6, 11

<b>Affiliation/Position</b>	Wildlife Research Center/M1
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**1. Country/location of visit**

Japan, Kyoto

**2. Research project**

Genome training ·

**3. Date (departing from/returning to Japan)**

2014. 5. 29 – 2014. 6. 6 (9days)

**4. Main host researcher and affiliation**

Kyoto University

**5. Progress and results of your research/activity** (You can attach extra pages if needed)

Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.

During this visit, I conducted research on plant species composition of mammalian fecal samples in Yakushima Isl. determined by metagenomic analysis.

By metagenomic analysis, purpose of this training was identification of food plant species from the mammalian feces. In addition, we were compared with dietary list determined by direct observations and fecal analysis in Yakushima field work.

The next-generation sequencing, as results, could find more dietary plant families than the other approaches. As future plans, we will report the results of this analysis.



Fig. Next-generation sequencer MiSeq

**6. Others**

I thank Prof. Agata, Assist. prof. Kishida, Tanabe san, Kadowaki San, Hayakawa San, Sawada San, Kurihara San, Kashima san, other professors and administrators of the PWS Leading Graduate Program for supporting Yakushima Field Work.