

**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. 06, 15
<b>Affiliation/Position</b>	Lab. of Human Evolution Studies/M1
<b>Name</b>	Sou Yagi

<b>1. Country/location of visit</b>	Kyoto, Japan
<b>2. Research project</b>	Genome Training Course
<b>3. Date (departing from/returning to Japan)</b>	2014. 05. 29 – 2014. 06. 05 (8 days)
<b>4. Main host researcher and affiliation</b>	Dr. Kishida, Assistant Professor at Wildlife Research Center of Kyoto University
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)	<p>Please insert one or more pictures (to be publicly released). Below each picture, please provide a brief description.</p> <p>During this course, I conducted research on an investigation using non-invasive sampling and next-generation sequencing. Through this experience, I analyzed SNPs in the taste and olfactory receptor genes in order to understand the molecular basis of chemosensory abilities among Yakushima macaques, which will be of great help in the future conservation of relatively between Yakushima macaques’ genomic differences of taste and olfactory receptor genes and direct observation data of diet.</p> <p>I am currently working on a paper based on these results for publication in an academic journal.</p>
	
	(in the middle of DNA extracting)
<b>6. Others</b>	