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.)

	2016. 6, 29
Affiliation/Position	Primate Research Institute/M1
Name	Akito TOGE
1 Country/location	n of visit
1. Country/location Kyoto	
2. Research projec	4
Genome Science Cou	
	from/returning to Japan)
2016. 05. 30 – 2016.	
	rcher and affiliation
WRC, Kyoto Univers	
-	sults of your research/activity (You can attach extra pages if needed)
<u> </u>	ctures (to be publicly released). Below each picture, please provide a brief description.
This is a schedule of	Genome Science Course (Deer team, which I belonged to).
 6/2 PCR product clean 6/3 Analyzing sequence (6/4 - 6/5 holidays) 6/6 preparation for post 	
	tand the way to analyze the DNA which is extracted from fecal samples. We conducted se behondrial haplotype identification.
between X and Y chro 219 band only. (2)Mitochondrial haple	n the Amelogenin gene, which is located on sex chromosome and the length of which is different omosomes. In this region, male samples yield around 165 and 219 bands, while female ones yiel otype identification tochondrial control region (D-loop) which sequence is highly polymorphic. We ran the sample
These 2 feces were box (2)Mitochondrial haple We used 52 fecal sa haplotypes of 45 indi	imples, and we can't read the sequences from 3 fecal samples. From them, we identified the ividuals, but we can't identified clearly 4 ones. The haplotype which the most sika deer is e is Type1 (38 individuals). Type2 is the second most haplotype (5 individuals). We found on

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Through this course, I learned the way to extract DNA from fecal samples and to handle the extracted DNA. This was my first time to analyze the sequence data, but I understood how to do. In my research, I will analyze DNA sequences from fecal samples, so this course is very useful for me. I want to put this experience to good use.





Lab-work

electrophoresis



Group-photo (Deer team)

6. Others

This course was supported by PWS program. I appreciate it.