

**Research Activity Report**  
**Supported by “JSPS Core-to-Core Program(International Core of Excellence for Tropical Biodiversity Conservation focusing on Large Animal Studies )” “Leading Graduate Program in Primatology and Wildlife Science”**

(Please be sure to submit this report after the trip that supported by CETbio,PWS.)

2018. 05. 07	
<b>Affiliation/Position</b>	M.Sc. candidate University Sains Malaysia, Penang, Malaysia.
<b>Name</b>	Elangkumaran Sagtia Siwan

<b>1. Country/location of visit</b>
Japan, Yakushima.
<b>2. Research project</b>
Genome course
<b>3. Date (departing from/returning to Japan)</b>
Arrived, Japan (2018. 05. 14) depart from Japan (2018. 06. 15) Genome course (2018. 05. 28 <sup>th</sup> to 2018. 06. 01)
<b>4. Main host researcher and affiliation</b>
Prof. Miho Murayama, Director of Wildlife Research Institute, Kyoto University.
<b>5. Progress and results of your research/activity</b> (You can attach extra pages if needed)

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During the genome course, I learned how to extract DNA from faeces and conduct sexing and sequencing. This meticulous lab work taught to us with lots of care and details. The hands-on activity really helps in building the laboratory skills and understanding of important tips of each step in extraction, amplification and interpretation of result. Experience learned from this course will have great impact on my conservation work in Malaysia. This opens a better opportunity to collaborate with local university in Malaysia to analyze genetic data. In my view, previous collaboration was not fully utilized because there were lack of understanding on the lab work from field person along with other factors such as availability of time. Knowledge on lab work gained from this genome course will certainly help in future genetic work on wildlife in Malaysia depending on the availability of funding. A paper on the assessment of COMT gene on macaques from Yakushima presented during the 8<sup>th</sup> International Seminar on Biodiversity and Evolution.

### 6. Others

NIL