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| ID No.   | K3015  |
| Project Title  | Surveillance of viruses causing zoonotic infections in Brazil  |
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| Report   | <p>Due to environmental changes at the global level and the closer proximity of human and wild animal habitats, the risk of emergence of zoonotic infectious diseases among humans has been increasing. Recent studies suggest that South America is a hot spot for zoonotic diseases that are likely to emerge; however, the epidemic situations are not well understood in these countries. The aim of this project is to understand the epidemic status of various zoonotic viral diseases in wild animals in South America. To investigate the prevalence of various viruses in wild animals living in Brazil, in this fiscal year, we extracted RNA from various organs of bats captured in Sao Paulo and Maranhão, Brazil, and examined the quality of those RNA samples by using a Bioanalyzer and Qubit Fluorometer. We have had discussions via e-mail and determined which samples to be subjected to RNA-seq in Japan. We also discussed methodology to analyze the RNA-seq data for a virome analysis.</p> |