

ID No.	K3007
Project Title	Surveillance of viruses causing zoonotic infections in Sierra Leone and Brazil
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Report	<p>Zoonoses originating from wildlife represent a significant threat to global public health. Recent studies have predicted the regions that are most likely to generate the next emerging zoonoses, which include countries in Africa and South America; however, the actual situation has remained unclear. Therefore, the aim of this study is to understand the epidemic status of viruses that cause zoonotic infections in Sierra Leone, Africa, and Brazil, South America. To do that, we collected organ samples from 26 bats, which were captured in the Moyamba district of Sierra Leone. RNA samples were extracted from the organs and subjected to next-generation sequencing. Currently, we have been analyzing the gene sequences to identify what kinds of viruses are prevalent in bats in Sierra Leone.</p>