

**Multimedia Appendix 1.** List of 63 zoonotic viruses considered in this study.

Alphaviral Zoonoses  
Bovine Spongiform Encephalopathy  
Buffalopox  
Camelpox  
Chikungunya Fever  
Colorado Tick Fever  
Contagious Ecthyma of Sheep (Orf)  
Cowpox  
Creutzfeldt-Jakob Disease (new variant)  
Crimean -Congo Virus hemorrhagic fever  
Dengue Fever  
Eastern Equine Encephalitis  
Ebola Virus Hemorrhagic Fever  
Elephantpox  
Encephalomyocarditis  
Epidemic Polyarthritis (Ross River Fever) & Barmah Forest Fever  
Foot-and-mouth disease  
Genus Coltivirus  
Genus Orbivirus (Kemerovo Complex)  
Hanta Virus Pulmonary syndrome  
Hemorrhagic Fever with Renal syndrome  
Herpes B Virus: Monkey Herpes Infection  
Influenza Virus  
Japanese Encephalitis  
Kyasanur Forest Disease and Alkhurma Virus Hemorrhagic Fever  
La Crosse Virus  
Lassa Fever  
Louping III  
Lymphocytic Choriomeningitis  
Marburg Virus Hemorrhagic Fever  
Mayaro Fever  
Milker's Nodules (Pseudocowpox)  
MonkeyPox  
Murray Valley Encephalitis and Kunjin Virus Disease  
Newcastle Disease  
Nipah Virus Encephalitis  
O'Nyong-Nyong Fever  
Oropouche Virus  
Papular Stomatitis  
Powassan Virus Encephalitis  
Rabies  
Rift Valley fever  
Rocio Encephalitis  
sand fly fever  
SARS  
Semliki Forest Fever  
Sindbis Fever  
Snowshoe Hare Virus

St. Louis Encephalitis  
Swine Vesicular Disease  
Tahyna Virus  
Tanapox Virus  
Tick Bourne Encephalitis  
Vaccinia Virus  
Venezuelan Equine Encephalitis  
Vesicular Stomatitis  
Wesselsbron Fever  
West Nile Fever  
Western Equine Encephalitis  
Yaba Monkey Tumor Virus  
Yellow Fever  
Zoonosis Caused by Hendra Virus  
Zoonosis caused by New World Arenaviruses