

**Supplementary Table 1.** Zoonotic viruses within the 25 high-priority viral families designated by the Global Virome Project the pathogen score in each of four exclusion criteria categories, and the corresponding literature or database reference supporting the scores. Pathogens scoring a 'TRUE' in one or more of the exclusion criteria were not eligible for inclusion in the trend analysis. Included pathogens are sorted to the top of the table and highlighted with bold text.

<b>Pathogen</b>	<b>&lt; 50 reported deaths</b>	<b>100+ annual cases, 5+ yrs</b>	<b>Vector borne</b>	<b>Influenza</b>	<b>Ref.</b>
<b>Zaire ebolavirus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>SARS Coronavirus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>Marburg virus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>Machupo virus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>Sudan ebolavirus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>Nipah virus</b>	FALSE	FALSE	FALSE	FALSE	(1)
<b>Bundibugyo ebolavirus</b>	FALSE	FALSE	FALSE	FALSE	(1)
MERS Coronavirus	FALSE	TRUE	FALSE	FALSE	(1)
Influenza A	FALSE	FALSE	FALSE	TRUE	(1)
Eastern equine encephalitis virus	TRUE	FALSE	TRUE	FALSE	(1)
Guanarito virus	TRUE	FALSE	FALSE	FALSE	(1)
Sin Nombre virus	TRUE	FALSE	FALSE	FALSE	(1)
Alkhumra virus	TRUE	FALSE	TRUE	FALSE	(2)
Chapare virus	TRUE	FALSE	FALSE	FALSE	(3)
Dandenong virus	TRUE	FALSE	FALSE	FALSE	(4)
Hendra virus	TRUE	FALSE	FALSE	FALSE	(5)
Anajatuba virus	TRUE	FALSE	FALSE	FALSE	(6)
Australian bat lyssavirus	TRUE	FALSE	FALSE	FALSE	(7)
Laguna negra virus	TRUE	FALSE	FALSE	FALSE	(8)
Whitewater arroyo virus	TRUE	FALSE	FALSE	FALSE	(1)
Lujo virus	TRUE	FALSE	TRUE	FALSE	(9)
Borna disease virus	TRUE	FALSE	FALSE	FALSE	(10)

Sabia virus	TRUE	FALSE	FALSE	FALSE	(8)
Bas-Congo virus	TRUE	FALSE	unknown	FALSE	(1)
Araraquara virus	TRUE	FALSE	FALSE	FALSE	(11)
Baboon Cytomegalovirus	TRUE	FALSE	FALSE	FALSE	(12)
Tick-borne encephalitis virus	TRUE	TRUE	TRUE	FALSE	(1)
Banna virus	TRUE	FALSE	FALSE	FALSE	(13)
Castelo dos Sonhos virus	TRUE	FALSE	FALSE	FALSE	(8)
Kampar virus	TRUE	FALSE	FALSE	FALSE	(14)
Menangle virus	TRUE	FALSE	FALSE	FALSE	(1)
Reston ebolavirus	TRUE	FALSE	FALSE	FALSE	(1)
Sosuga virus	TRUE	FALSE	FALSE	FALSE	(15)
Tai Forest ebolavirus	TRUE	FALSE	FALSE	FALSE	(16)
Titi Monkey adenovirus	TRUE	FALSE	FALSE	FALSE	(17)
Alongshan virus	TRUE	FALSE	TRUE	FALSE	(1)
Barmah Forest virus	TRUE	TRUE	TRUE	FALSE	(18)
California Encephalitis virus	TRUE	TRUE	TRUE	FALSE	(19)
Caraparu virus	TRUE	FALSE	unknown	FALSE	(1)
Guama virus	TRUE	FALSE	TRUE	FALSE	(19)
Jamestown Canyon virus	TRUE	FALSE	TRUE	FALSE	(1)
Kunjin virus	TRUE	FALSE	TRUE	FALSE	(1)
La crosse virus	TRUE	TRUE	TRUE	FALSE	(20)
Mayaro virus	TRUE	FALSE	TRUE	FALSE	(21)
Murray Valley encephalitis virus	TRUE	FALSE	TRUE	FALSE	(1)
Naples virus	TRUE	FALSE	TRUE	FALSE	(22)
O'nyong nyong virus	TRUE	FALSE	TRUE	FALSE	(1)
Oropouche virus	TRUE	TRUE	TRUE	FALSE	(1)
Orungo virus	TRUE	FALSE	TRUE	FALSE	(23)
Powassan virus	TRUE	FALSE	TRUE	FALSE	(1)

Pteropine orthoreoviruses	TRUE	FALSE	FALSE	FALSE	(14)
Ross River virus	TRUE	TRUE	TRUE	FALSE	(1)
Sandfly fever virus	TRUE	TRUE	TRUE	FALSE	(1)
Seoul virus	TRUE	FALSE	FALSE	FALSE	(1)
Sicilian virus	TRUE	FALSE	TRUE	FALSE	(22)
Sindbis virus (aka Ockelbo)	TRUE	FALSE	TRUE	FALSE	(24)
Toscana virus	TRUE	FALSE	TRUE	FALSE	(1)
Buffalopox virus	TRUE	FALSE	TRUE	FALSE	(25)
Hantavirus	FALSE	TRUE	FALSE	FALSE	(8, 26)
Japanese encephalitis virus	FALSE	TRUE	TRUE	FALSE	(1)
Yellow fever virus	FALSE	TRUE	TRUE	FALSE	(1)
Dengue virus	FALSE	TRUE	TRUE	FALSE	(1)
West Nile virus	FALSE	TRUE	TRUE	FALSE	(1)
Rabies virus	FALSE	TRUE	FALSE	FALSE	(1)
Rift Valley fever virus	FALSE	TRUE	TRUE	FALSE	(27)
Lassa virus	FALSE	TRUE	FALSE	FALSE	(1)
					(22, 28)
Venezuelan equine encephalitis	FALSE	FALSE	TRUE	FALSE	
Saint Louis encephalitis virus	FALSE	TRUE	TRUE	FALSE	(29)
Chikungunya virus	FALSE	TRUE	TRUE	FALSE	(1)
Huaiyangshan banyangvirus	FALSE	TRUE	TRUE	FALSE	(30)
Crimean-Congo hemorrhagic fever	FALSE	FALSE	TRUE	FALSE	(31)
Chandipura virus	FALSE	TRUE	TRUE	FALSE	(1)
Hantaan virus	FALSE	TRUE	FALSE	FALSE	(8)
Enterovirus	FALSE	TRUE	FALSE	FALSE	(1)

Monkeypox virus	FALSE	TRUE	FALSE	FALSE	(32)
Andes virus	FALSE	TRUE	FALSE	FALSE	(33, 34)
Argentinian mammarenavirus	FALSE	TRUE	FALSE	FALSE	(35)
Kyasanur Forest disease virus	FALSE	TRUE	TRUE	FALSE	(1)
Omsk haemorrhagic fever virus	FALSE	TRUE	TRUE	FALSE	(36, 37)
Zika virus	FALSE	TRUE	TRUE	FALSE	(1)
Rocio virus	FALSE	FALSE	TRUE	FALSE	(1)

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