Family	Genus	Species	Severity rating (literature protocol)	Severity notes	Fatalities (vulnerable)	Fatalities (healthy adults)	Severe strains	Mean p(severe)	References
-ssRNA viruses									
Arenaviridae	*Mammarenavirus*	*Chapare mammarenavirus*	severe	Haemorrhagic fever, CFR 100% (1 case)	1	1	N/A	0.824	[1–3]
Arenaviridae	*Mammarenavirus*	*Guanarito mammarenavirus*	severe	Haemorrhagic fever, CFR 25%	1	1	N/A	0.849	[1,4]
Arenaviridae	*Mammarenavirus*	*Junín mammarenavirus*	severe	Haemorrhagic fever, CFR 15-30%	1	1	N/A	0.852	[1,4]
Arenaviridae	*Mammarenavirus*	*Lassa mammarenavirus*	severe	Haemorrhagic fever, CFR 15%	1	1	N/A	0.777	[4]
Arenaviridae	*Mammarenavirus*	*Lujo mammarenavirus*	severe	Haemorrhagic fever, CFR 80% (5 cases)	1	1	N/A	0.837	[5,6]
Arenaviridae	*Mammarenavirus*	*Lymphocytic choriomeningitis mammarenavirus*	nonsevere		1	1	0	—	[1,2,4]
Arenaviridae	*Mammarenavirus*	*Machupo mammarenavirus*	severe	Haemorrhagic fever, CFR 5-35%	1	1	N/A	0.841	[1,2,4]
Arenaviridae	*Mammarenavirus*	*Mobala mammarenavirus*	nonsevere		0	0	0	—	[7]
Arenaviridae	*Mammarenavirus*	*Pichindé mammarenavirus*	nonsevere		0	0	0	—	[4]
Arenaviridae	*Mammarenavirus*	*Sabiá mammarenavirus*	severe	Haemorrhagic fever, CFR 33% (3 cases)	1	1	N/A	0.844	[1,2,4]
Arenaviridae	*Mammarenavirus*	*Whitewater Arroyo mammarenavirus*	severe	Haemorrhagic fever, CFR 100% (3 cases)	1	1	N/A	0.855	[1,4,8]
Bornaviridae	*Bornavirus*	*Mammalian 1 bornavirus*	nonsevere		0	0	0	—	[4]
Bornaviridae	*Bornavirus*	*Mammalian 2 bornavirus*	severe	CFR 100% (3 cases)	1	0	N/A	—	[9]
Filoviridae	*Ebolavirus*	*Bundibugyo ebolavirus*	severe	Haemorrhagic fever, CFR 35%	1	1	N/A	0.858	[10,11]
Filoviridae	*Ebolavirus*	*Reston ebolavirus*	nonsevere		0	0	0	—	[2,4]
Filoviridae	*Ebolavirus*	*Sudan ebolavirus*	severe	Haemorrhagic fever, CFR 41-65%	1	1	N/A	0.879	[1,4]
Filoviridae	*Ebolavirus*	*Tai forest ebolavirus*	severe	Haemorrhagic fever	0	0	N/A	0.864	[1,4]

Filoviridae	*Ebolavirus*	*Zaire ebolavirus*	severe	Haemorrhagic fever, CFR 61-90%	1	1	N/A	0.827	[4]
Filoviridae	*Marburgvirus*	*Marburg marburgvirus*	severe	Haemorrhagic fever, CFR 23-90%	1	1	N/A	—	[4]
Hantaviridae	*Orthohantavirus*	*Andes orthohantavirus*	severe	HPS	1	1	N/A	0.865	[2]
Hantaviridae	*Orthohantavirus*	*Bayou orthohantavirus*	severe	HPS	1	0	N/A	0.860	[2,12]
Hantaviridae	*Orthohantavirus*	*Black creek canal orthohantavirus*	severe	HPS	0	0	N/A	0.859	[2]
Hantaviridae	*Orthohantavirus*	*Choclo orthohantavirus*	severe	HPS, CFR 10-25%	1	1	N/A	0.870	[13–15]
Hantaviridae	***Orthohantavirus***	***Dobrava-Belgrade orthohantavirus***	**severe**	HFRS, CFR 5-35%	1	1	N/A	**0.231**	[2,4]
Hantaviridae	***Orthohantavirus***	***Hantaan orthohantavirus***	**severe**	HFRS, CFR 5-15%	1	1	N/A	**0.172**	[4]
Hantaviridae	*Orthohantavirus*	*Laguna Negra orthohantavirus*	severe	HPS	1	1	N/A	0.862	[1,4,16]
Hantaviridae	*Orthohantavirus*	*Puumala orthohantavirus*	nonsevere		1	1	0	0.435	[2,4]
Hantaviridae	***Orthohantavirus***	***Sangassou orthohantavirus***	**severe**	HFRS	0	0	N/A	**0.330**	[17]
Hantaviridae	***Orthohantavirus***	***Seoul orthohantavirus***	**nonsevere**		1	1	0	**0.503**	[4]
Hantaviridae	*Orthohantavirus*	*Sin Nombre orthohantavirus*	severe	HPS, CFR 32-75%	1	1	N/A	0.877	[1,4]
Hantaviridae	*Orthohantavirus*	*Thailand orthohantavirus*	nonsevere		0	0	0	0.344	[18]
Hantaviridae	***Orthohantavirus***	***Thottapalayam orthohantavirus***	**severe**	Only known case required hospitalisation	0	0	N/A	**0.242**	[19]
Hantaviridae	*Orthohantavirus*	*Tula orthohantavirus*	nonsevere		0	0	0	0.316	[20]
Nairoviridae	*Orthonairovirus*	*Crimean-Congo haemorrhagic fever orthonairovirus*	severe	Haemorrhagic fever, CFR 30%	1	1	N/A	—	[1,4]
Nairoviridae	*Orthonairovirus*	*Dugbe orthonairovirus*	nonsevere		0	0	0	—	[2]
Nairoviridae	*Orthonairovirus*	*Thiafora orthonairovirus*	nonsevere		0	0	0	—	[21,22]

Orthomyxoviridae	*Influenzavirus A*	*Influenza A virus*	nonsevere		1	1	1	—	[1,4]
Orthomyxoviridae	*Influenzavirus B*	*Influenza B virus*	nonsevere		1	1	0	—	[4]
Orthomyxoviridae	*Influenzavirus C*	*Influenza C virus*	nonsevere		0	0	0	—	[4]
Orthomyxoviridae	*Thogotovirus*	*Dhori virus*	nonsevere		0	0	0	—	[23]
Orthomyxoviridae	*Thogotovirus*	*Thogoto virus*	nonsevere		1	0	0	—	[24]
Paramyxoviridae	*Avulavirus*	*Avian avulavirus 1*	nonsevere		1	0	0	—	[1,25]
Paramyxoviridae	*Henipavirus*	*Hendra henipavirus*	severe	CFR 57% (7 cases)	1	1	N/A	—	[4,26]
Paramyxoviridae	*Henipavirus*	*Nipah henipavirus*	severe	CFR 10-75%	1	1	N/A	—	[1,4]
Paramyxoviridae	*Morbillivirus*	*Canine morbillivirus*	nonsevere		0	0	0	—	[27]
Paramyxoviridae	*Morbillivirus*	*Measles morbillivirus*	nonsevere		1	1	0	—	[2,4]
Paramyxoviridae	*Respirovirus*	*Human respirovirus 1*	nonsevere		0	0	0	—	[4]
Paramyxoviridae	*Respirovirus*	*Human respirovirus 3*	nonsevere		1	0	0	—	[4]
Paramyxoviridae	*Rubulavirus*	*Human rubulavirus 2*	nonsevere		0	0	0	0.047	[4]
Paramyxoviridae	*Rubulavirus*	*Human rubulavirus 4*	nonsevere		0	0	0	0.046	[4]
Paramyxoviridae	*Rubulavirus*	*Mammalian rubulavirus 5*	nonsevere		0	0	0	0.050	[4,28]
Paramyxoviridae	***Rubulavirus***	***Mumps rubulavirus***	**nonsevere**		1	1	0	**0.777**	[4]
Paramyxoviridae	*Rubulavirus*	*Simian rubulavirus*	nonsevere		0	0	0	0.047	[29]
Paramyxoviridae	*Rubulavirus*	*Sosuga rubulavirus*	severe	Single known case required hospital admission	0	0	N/A	—	[30]
Paramyxoviridae	*Rubulavirus*	*Tioman rubulavirus*	nonsevere		0	0	0	0.044	[31]

Peribunyaviridae	*Orthobunyavirus*	*Bunyamwera orthobunyavirus*	nonsevere		0	0	0	0.048	[2,4]
Peribunyaviridae	*Orthobunyavirus*	*Bwamba orthobunyavirus*	nonsevere		0	0	0	0.045	[2]
Peribunyaviridae	*Orthobunyavirus*	*California encephalitis orthobunyavirus*	severe	High frequency of severe symptoms (seizures, coma)	1	1	N/A	—	[4]
Peribunyaviridae	*Orthobunyavirus*	*Caraparu orthobunyavirus*	nonsevere		0	0	0	0.050	[2]
Peribunyaviridae	*Orthobunyavirus*	*Catu orthobunyavirus*	nonsevere		0	0	0	0.047	[2]
Peribunyaviridae	*Orthobunyavirus*	*Guama orthobunyavirus*	nonsevere		0	0	0	0.045	[2]
Peribunyaviridae	*Orthobunyavirus*	*Guaroa orthobunyavirus*	nonsevere		0	0	0	0.047	[2]
Peribunyaviridae	*Orthobunyavirus*	*Kairi orthobunyavirus*	nonsevere		0	0	0	0.049	[32]
Peribunyaviridae	*Orthobunyavirus*	*Madrid orthobunyavirus*	nonsevere		0	0	0	0.047	[2,4,33]
Peribunyaviridae	*Orthobunyavirus*	*Marituba orthobunyavirus*	nonsevere		0	0	0	0.055	[2,34]
Peribunyaviridae	*Orthobunyavirus*	*Nyando orthobunyavirus*	nonsevere		0	0	0	0.044	[2,35]
Peribunyaviridae	*Orthobunyavirus*	*Oriboca orthobunyavirus*	nonsevere		0	0	0	0.042	[2,34]
Peribunyaviridae	*Orthobunyavirus*	*Oropouche orthobunyavirus*	nonsevere		0	0	0	0.045	[1,4]
Peribunyaviridae	*Orthobunyavirus*	*Patois orthobunyavirus*	nonsevere		0	0	0	0.047	[36]
Peribunyaviridae	*Orthobunyavirus*	*Shuni orthobunyavirus*	nonsevere		0	0	0	0.044	[2]
Peribunyaviridae	*Orthobunyavirus*	*Tacaiuma orthobunyavirus*	nonsevere		0	0	0	0.050	[2,37]
Peribunyaviridae	*Orthobunyavirus*	*Wyeomyia orthobunyavirus*	nonsevere		0	0	0	0.044	[2,38]
Phenuiviridae	*Phlebovirus*	*Candiru phlebovirus*	nonsevere		0	0	0	0.119	[2,39]
Phenuiviridae	*Phlebovirus*	*Punta Toro phlebovirus*	nonsevere		0	0	0	0.109	[1,2]

Phenuiviridae	***Phlebovirus***	***Rift Valley fever phlebovirus***	**nonsevere**		1	1	0	**0.829**	[2]
Phenuiviridae	*Phlebovirus*	*Sandfly fever Naples phlebovirus*	nonsevere		0	0	0	0.130	[1,2]
Phenuiviridae	*Phlebovirus*	*SFTS phlebovirus*	severe	CFR 15%	1	1	N/A	—	[40–43]
Phenuiviridae	*Phlebovirus*	*Uukuniemi phlebovirus*	nonsevere		0	0	0	0.205	[2]
Pneumoviridae	*Metapneumovirus*	*Avian metapneumovirus*	nonsevere		0	0	0	—	[44]
Pneumoviridae	*Metapneumovirus*	*Human metapneumovirus*	nonsevere		1	0	0	—	[4]
Pneumoviridae	*Orthopneumovirus*	*Human orthopneumovirus*	nonsevere		1	0	0	—	[2,4]
Rhabdoviridae	*Lyssavirus*	*Australian bat lyssavirus*	severe	Rabies-like disease, CFR 100% (3 cases)	1	1	N/A	0.865	[2]
Rhabdoviridae	*Lyssavirus*	*Duvenhage lyssavirus*	severe	Rabies-like disease, CFR 75% (4 cases)	1	1	N/A	0.862	[1,2]
Rhabdoviridae	*Lyssavirus*	*European bat 1 lyssavirus*	severe	Rabies-like disease, CFR 100% (3 cases)	1	0	N/A	0.880	[2]
Rhabdoviridae	*Lyssavirus*	*European bat 2 lyssavirus*	severe	Rabies-like disease, CFR 20-50%	1	1	N/A	0.877	[1,2]
Rhabdoviridae	*Lyssavirus*	*Irkut lyssavirus*	severe	Rabies-like disease, CFR 100% (1 case)	1	1	N/A	0.849	[45]
Rhabdoviridae	*Lyssavirus*	*Mokola lyssavirus*	severe	Neurologic disease different to classical rabies, CFR 33% (3 cases)	1	0	N/A	0.867	[2,46]
Rhabdoviridae	*Lyssavirus*	*Rabies lyssavirus*	severe	Rabies disease, CFR 60%	1	1	N/A	0.754	[4]
Rhabdoviridae	*Tibrovirus*	*Bas-Congo tibrovirus*	severe	Haemorrhagic fever, CFR 67% (3 cases)	1	0	N/A	—	[47]
Rhabdoviridae	*Tibrovirus*	*Ekpoma 1 tibrovirus*	nonsevere		0	0	0	—	[48]
Rhabdoviridae	*Tibrovirus*	*Ekpoma 2 tibrovirus*	nonsevere		0	0	0	—	[48]
Rhabdoviridae	*Vesiculovirus*	*Alagoas vesiculovirus*	nonsevere		0	0	0	0.050	[1,2,49]
Rhabdoviridae	***Vesiculovirus***	***Chandipura vesiculovirus***	**nonsevere**		1	0	0	**0.879**	[4]

Rhabdoviridae	*Vesiculovirus*	*Cocal vesiculovirus*	nonsevere	0	0	0	0.046	[50]
Rhabdoviridae	*Vesiculovirus*	*Indiana vesiculovirus*	nonsevere	0	0	0	0.048	[1,2,49]
Rhabdoviridae	*Vesiculovirus*	*Isfahan vesiculovirus*	nonsevere	0	0	0	0.046	[1]
Rhabdoviridae	*Vesiculovirus*	*Maraba vesiculovirus*	nonsevere	0	0	0	0.047	[4,51]
Rhabdoviridae	*Vesiculovirus*	*New Jersey vesiculovirus*	nonsevere	0	0	0	0.047	[1,2,49]
Rhabdoviridae	*Vesiculovirus*	*Piry vesiculovirus*	nonsevere	0	0	0	0.051	[1,52]

+ssRNA viruses								
Astroviridae	*Mamastrovirus*	*Mamastrovirus 1*	nonsevere	1	0	0	0.047	[2,4,53]
Astroviridae	*Mamastrovirus*	*Mamastrovirus 6*	nonsevere	0	0	0	0.046	[54–56]
Astroviridae	*Mamastrovirus*	*Mamastrovirus 8*	nonsevere	1	0	1	0.051	[55–58]
Astroviridae	*Mamastrovirus*	*Mamastrovirus 9*	nonsevere	0	0	0	0.043	[55,59]
Caliciviridae	*Norovirus*	*Norwalk virus*	nonsevere	1	0	0	—	[1,4]
Caliciviridae	*Sapovirus*	*Sapporo virus*	nonsevere	0	0	0	—	[4]
Caliciviridae	*Vesivirus*	*Vesicular exanthema of swine virus*	nonsevere	0	0	0	—	[60]
Coronaviridae	*Alphacoronavirus*	*Alphacoronavirus 1*	nonsevere	0	0	0	—	[61]
Coronaviridae	*Alphacoronavirus*	*Human coronavirus 229E*	nonsevere	1	0	0	—	[2,4,62]
Coronaviridae	*Alphacoronavirus*	*Human coronavirus NL63*	nonsevere	1	0	0	—	[1,2,63]
Coronaviridae	*Betacoronavirus*	*Betacoronavirus 1*	nonsevere	1	0	0	—	[2,4,64]
Coronaviridae	*Betacoronavirus*	*Human coronavirus HKU1*	nonsevere	0	0	0	—	[2,4]

Coronaviridae	*Betacoronavirus*	*Middle East respiratory syndrome-related coronavirus*	severe	CFR 27-56%	1	1	N/A	—	[65–67]
Coronaviridae	*Betacoronavirus*	*Severe acute respiratory syndrome-related coronavirus*	severe	CFR 9-12%	1	1	N/A	—	[2,4]
Coronaviridae	*Torovirus*	*Human torovirus*	nonsevere		0	0	0	—	[1,2]
Flaviviridae	*Flavivirus*	*Aroa virus*	nonsevere		0	0	0	0.133	[68]
Flaviviridae	*Flavivirus*	*Bagaza virus*	nonsevere		0	0	0	0.120	[69]
Flaviviridae	*Flavivirus*	*Banzi virus*	nonsevere		0	0	0	0.100	[1,2,4]
Flaviviridae	***Flavivirus***	***Cacipacore virus***	**severe**	Only known case required hospitalisation	0	0	N/A	**0.072**	[70]
Flaviviridae	***Flavivirus***	***Dengue virus***	**nonsevere**		1	1	0	**0.686**	[2,4]
Flaviviridae	*Flavivirus*	*Edge Hill virus*	nonsevere		0	0	0	0.129	[1,71]
Flaviviridae	*Flavivirus*	*Gadgets Gully virus*	nonsevere		0	0	0	0.109	[4]
Flaviviridae	*Flavivirus*	*Ilheus virus*	severe	Described as potentially severe, one subspecies (Rocio virus) has CFR 10%	1	1	N/A	0.777	[1]
Flaviviridae	*Flavivirus*	*Japanese encephalitis virus*	severe	CFR 5-40%	1	1	N/A	0.515	[4]
Flaviviridae	*Flavivirus*	*Kokobera virus*	nonsevere		0	0	0	0.123	[1,4]
Flaviviridae	***Flavivirus***	***Kyasanur forest disease virus***	**severe**	CFR 3-25%	1	1	N/A	**0.197**	[1,2,4]
Flaviviridae	*Flavivirus*	*Langat virus*	nonsevere		0	0	0	0.130	[1,2,4,72]
Flaviviridae	***Flavivirus***	***Louping ill virus***	**nonsevere**		0	0	0	**0.836**	[1,2]
Flaviviridae	*Flavivirus*	*Murray Valley encephalitis virus*	severe	CFR 18-42%, frequent neurologic sequelae	1	1	N/A	0.785	[1,2,4]
Flaviviridae	*Flavivirus*	*Ntaya virus*	nonsevere		0	0	0	0.264	[73]

Flaviviridae	*Flavivirus*	*Omsk hemorrhagic fever virus*	nonsevere		1	1	0	0.455	[74]
Flaviviridae	*Flavivirus*	*Powassan virus*	severe	CFR 10-15%, frequent neurologic sequelae	1	0	N/A	0.780	[1,2,4]
Flaviviridae	***Flavivirus***	***Rio Bravo virus***	**severe**	Two of the five known cases required hospitalisation	0	0	N/A	**0.115**	[4,75]
Flaviviridae	*Flavivirus*	*St. Louis encephalitis virus*	severe	CFR 7-30%	1	1	N/A	0.752	[4]
Flaviviridae	*Flavivirus*	*Tembusu virus*	nonsevere		0	0	0	0.109	[76]
Flaviviridae	*Flavivirus*	*Tick-borne encephalitis virus*	severe	CFR 1-54%	1	1	N/A	0.728	[2,4]
Flaviviridae	*Flavivirus*	*Uganda S virus*	nonsevere		0	0	0	0.128	[2,77]
Flaviviridae	***Flavivirus***	***Usutu virus***	**nonsevere**		0	0	0	**0.811**	[1,4,78,79]
Flaviviridae	*Flavivirus*	*Wesselsbron virus*	nonsevere		0	0	0	0.168	[1,4]
Flaviviridae	***Flavivirus***	***West Nile virus***	**nonsevere**		1	1	0	**0.772**	[4]
Flaviviridae	*Flavivirus*	*Yellow fever virus*	severe	CFR 11-50%, haemorrhagic fever	1	1	N/A	0.506	[1,2,4]
Flaviviridae	*Flavivirus*	*Zika virus*	nonsevere		0	0	0	0.197	[2,4]
Flaviviridae	*Hepacivirus*	*Hepacivirus C*	severe	Chronic disease including cirrhosis	1	1	N/A	—	[4]
Flaviviridae	*Pegivirus*	*Pegivirus A*	nonsevere		0	0	0	—	[80]
Flaviviridae	*Pestivirus*	*Bovine viral diarrhea virus 1*	nonsevere		0	0	0	—	[81]
Hepeviridae	*Orthohepevirus*	*Orthohepevirus A*	nonsevere		1	1	0	—	[1,4]
Picornaviridae	*Aphthovirus*	*Equine rhinitis A virus*	nonsevere		0	0	0	—	[82]
Picornaviridae	*Aphthovirus*	*Foot-and-mouth disease virus*	nonsevere		0	0	0	—	[83]
Picornaviridae	*Cardiovirus*	*Cardiovirus A*	nonsevere		0	0	0	—	[84]

Picornaviridae	*Cardiovirus*	*Cardiovirus B*	nonsevere		1	1	1	—	[4,85–87]
Picornaviridae	*Cosavirus*	*Cosavirus A*	nonsevere		0	0	0	0.046	[88–91]
Picornaviridae	*Cosavirus*	*Cosavirus B*	nonsevere		0	0	0	0.048	[88–90]
Picornaviridae	*Cosavirus*	*Cosavirus D*	nonsevere		0	0	0	0.046	[88–90,92,93]
Picornaviridae	*Cosavirus*	*Cosavirus E*	nonsevere		0	0	0	0.045	[89,94,95]
Picornaviridae	*Cosavirus*	*Cosavirus F*	nonsevere		0	0	0	0.051	[89]
Picornaviridae	*Enterovirus*	*Enterovirus A*	nonsevere		1	1	1	0.048	[1,96]
Picornaviridae	*Enterovirus*	*Enterovirus B*	nonsevere		1	1	1	0.049	[1,4]
Picornaviridae	*Enterovirus*	*Enterovirus C*	nonsevere		1	1	1	0.048	[1,4]
Picornaviridae	*Enterovirus*	*Enterovirus D*	nonsevere		1	0	1	0.046	[4,97]
Picornaviridae	*Enterovirus*	*Enterovirus E*	nonsevere		0	0	0	0.045	[98]
Picornaviridae	*Enterovirus*	*Rhinovirus A*	nonsevere		1	0	0	0.046	[1,4,99]
Picornaviridae	*Enterovirus*	*Rhinovirus B*	nonsevere		0	0	0	0.045	[1,4]
Picornaviridae	*Enterovirus*	*Rhinovirus C*	nonsevere		1	0	0	0.047	[1,4,99]
Picornaviridae	*Erbovirus*	*Erbovirus A*	nonsevere		0	0	0	—	[100]
Picornaviridae	*Hepatovirus*	*Hepatovirus A*	nonsevere		1	1	0	—	[1,4]
Picornaviridae	*Kobuvirus*	*Aichivirus A*	nonsevere		0	0	0	—	[101,102]
Picornaviridae	*Parechovirus*	*Parechovirus A*	nonsevere		1	0	1	—	[2,103–105]
Picornaviridae	*Parechovirus*	*Parechovirus B*	severe	Associated with sudden infant death syndrome and adult myocarditis	0	0	N/A	—	[106–109]

Picornaviridae	*Salivirus*	*Salivirus A*	nonsevere		0	0	0	—	[110–112]
Togaviridae	*Alphavirus*	*Barmah Forest virus*	nonsevere		0	0	0	0.049	[4]
Togaviridae	*Alphavirus*	*Chikungunya virus*	nonsevere		1	1	0	0.044	[2,4]
Togaviridae	*Alphavirus*	*Eastern equine encephalitis virus*	severe	CFR 30-70%	1	1	N/A	—	[2,4]
Togaviridae	***Alphavirus***	***Everglades virus***	**nonsevere**		0	0	0	**0.797**	[1,113]
Togaviridae	*Alphavirus*	*Getah virus*	nonsevere		0	0	0	0.050	[1,4]
Togaviridae	*Alphavirus*	*Highlands J virus*	nonsevere		0	0	0	0.051	[114]
Togaviridae	*Alphavirus*	*Mayaro virus*	nonsevere		0	0	0	0.046	[2]
Togaviridae	*Alphavirus*	*Mosso das Pedras virus*	nonsevere		0	0	0	0.044	[115]
Togaviridae	*Alphavirus*	*Mucambo virus*	nonsevere		0	0	0	0.047	[2,116]
Togaviridae	*Alphavirus*	*Ndumu virus*	nonsevere		0	0	0	0.047	[117]
Togaviridae	*Alphavirus*	*O'nyong-nyong virus*	nonsevere		0	0	0	0.041	[1,4,118]
Togaviridae	*Alphavirus*	*Pixuna virus*	nonsevere		0	0	0	0.043	[116]
Togaviridae	*Alphavirus*	*Rio Negro virus*	nonsevere		0	0	0	0.048	[1,4]
Togaviridae	***Alphavirus***	***Ross River virus***	**nonsevere**		0	0	0	**0.535**	[1,2,4]
Togaviridae	***Alphavirus***	***Semliki Forest virus***	**nonsevere**		0	0	0	**0.695**	[1,4]
Togaviridae	*Alphavirus*	*Sindbis virus*	nonsevere		0	0	0	0.054	[1,2,4]
Togaviridae	*Alphavirus*	*Tonate virus*	nonsevere		1	0	0	0.044	[1,4,119,120]
Togaviridae	*Alphavirus*	*Una virus*	nonsevere		0	0	0	0.048	[2,4]
Togaviridae	***Alphavirus***	***Venezuelan equine encephalitis virus***	**nonsevere**		1	1	1	**0.626**	[1,2,4,113]

Togaviridae	*Alphavirus*	*Western equine encephalitis virus*	severe	CFR 3-10%	1	1	N/A	—	[1,4]
Togaviridae	*Alphavirus*	*Whataroa virus*	nonsevere		0	0	0	0.048	[121]
Togaviridae	*Rubivirus*	*Rubella virus*	nonsevere		1	1	0	—	[1,4]
dsRNA viruses									
Picobirnaviridae	*Picobirnavirus*	*Human picobirnavirus*	nonsevere		0	0	0	—	[2]
Reoviridae	*Coltivirus*	*Colorado tick fever virus*	nonsevere		1	0	0	—	[1]
Reoviridae	*Coltivirus*	*Eyach virus*	nonsevere		0	0	0	—	[122]
Reoviridae	*Orbivirus*	*Corriparta virus*	nonsevere		0	0	0	0.047	[123]
Reoviridae	*Orbivirus*	*Great Island virus*	nonsevere		0	0	0	0.075	[1,124]
Reoviridae	*Orbivirus*	*Lebombo virus*	nonsevere		0	0	0	0.043	[1]
Reoviridae	*Orbivirus*	*Orungo virus*	nonsevere		0	0	0	0.054	[1]
Reoviridae	*Orthoreovirus*	*Mammalian orthoreovirus*	nonsevere		0	0	0	—	[4]
Reoviridae	*Orthoreovirus*	*Nelson Bay orthoreovirus*	nonsevere		0	0	0	—	[125–127]
Reoviridae	*Rotavirus*	*Rotavirus A*	nonsevere		1	0	0	0.047	[1,4]
Reoviridae	*Rotavirus*	*Rotavirus B*	nonsevere		1	0	0	0.045	[4]
Reoviridae	*Rotavirus*	*Rotavirus C*	nonsevere		0	0	0	0.049	[1,4]
Reoviridae	*Rotavirus*	*Rotavirus H*	nonsevere		0	0	0	0.048	[128,129]
Reoviridae	*Seadornavirus*	*Banna virus*	nonsevere		0	0	0	—	[1,130,131]

ssRNA-RT viruses									
Retroviridae	*Deltaretrovirus*	*Primate T-lymphotropic virus 1*	severe	Chronic neoplastic and neurologic disease including lymphoma, leukaemia, and HTLV-associated myelopathy	1	1	N/A	—	[1,4]
Retroviridae	*Deltaretrovirus*	*Primate T-lymphotropic virus 2*	severe	Chronic neurologic disease including HTLV-associated myelopathy	1	1	N/A	—	[1,132]
Retroviridae	*Lentivirus*	*Human immunodeficiency virus 1*	severe	AIDS	1	1	N/A	—	[4]
Retroviridae	*Lentivirus*	*Human immunodeficiency virus 2*	severe	AIDS	1	1	N/A	—	[4]
Retroviridae	*Lentivirus*	*Simian immunodeficiency virus*	nonsevere		0	0	0	—	[133]
Retroviridae	*Spumavirus*	*African green monkey simian foamy virus*	nonsevere		0	0	0	—	[4,134]
Retroviridae	*Spumavirus*	*Macaque simian foamy virus*	nonsevere		0	0	0	—	[4,135,136]
Retroviridae	*Spumavirus*	*Simian foamy virus*	nonsevere		0	0	0	—	[4]

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