

Additional file 1: List of priority pathogens published by the World Health Organisation in 2024.

The list of pathogens that we will rely on, is the one that has been developed by the World Health Organization, over a 2-years consultation process. This list contains 32 priority pathogens that are likely to result in a Public Health emergency of International Concern (PHEIC).

Family	Infectious Agent	Common Name
Arenaviridae	<i>Mammarenavirus lassaense</i>	Lassa Fever virus
Bacteria	<i>Vibrio cholera (O139)</i>	N/A
	<i>Yersina pestis</i>	N/A
	<i>Shigella dysenteriae</i> serotype 1	N/A
	<i>Salmonella enterica</i> non typhoidal serovars	N/A
	<i>Klebsiella pneumonia</i>	N/A
Coronaviridae	Subgenus <i>Merbecovirus</i>	Middle East Respiratory Syndrome Coronavirus
	Subgenus <i>Sarbecovirus</i>	Severe Acute Respiratory Syndrome Coronavirus
Filoviridae	<i>Orthoebolavirus zairense</i>	Ebola virus
	<i>Orthoebolavirus sudanens</i>	Sudan ebolavirus
	<i>Orthomarburgvirus marburgense</i>	Marburg virus
Flaviviridae	<i>Orthoflavivirus flavi</i>	Yellow fever virus
	<i>Orthoflavivirus denguei</i>	Dengue virus
	<i>Orthoflavivirus zikaense</i>	Zika virus
Hantaviridae	<i>Orthohantavirus hantanense</i>	Hantaan orthohantavirus, Hantaan virus
	<i>Orthohantavirus sinombreense</i>	Sinnombre virus
Nairoviridae	<i>Orthonairovirus haemorrhagiae</i>	Crimean-Congo hemorrhagic fever virus (CCHF)
Orthomyxoviridae	<i>Alphainfluenzavirus influenzae H1, H2, H3, H5, H6, H7, H10</i>	Influenza A
Paramyxoviridae	<i>Henipavirus nipahense</i>	Nipah virus
Phenuiviridae	<i>Bandavirus dabiense</i>	SFTS virus
Picornaviridae	<i>Enterovirus coxsackielpol</i>	Polio virus
Poxviridae	<i>Orthopoxvirus variola</i>	Variola virus
	<i>Orthopoxvirus monkeypox</i>	Monkeypox virus
Retroviridae	<i>Lentivirus humimdefl</i>	Human immunodeficiency virus 1 (HIV-1)
Togaviridae	<i>Alphavirus chikungunya</i>	Chikungunya virus
	<i>Alphavirus venezuelan</i>	Venezuelan equine encephalitis virus

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