Supplementary Table S1. Full names of viruses referenced in this study

| Abbreviation | Full Virus Name | Family | Genome Type |
|---|---|---|---|
| AAV | Adeno-associated virus | Dependoparvovirus | ssDNA |
| Adenovirus | Human adenovirus | Adenoviridae | dsDNA |
| BKV | BK polyomavirus | Polyomaviridae | dsDNA |
| CMV | Human cytomegalovirus | Herpesviridae | dsDNA |
| Coronavirus | Human coronaviruses | Coronaviridae | ssRNA(+) |
| EBV | Epstein–Barr virus | Herpesviridae | dsDNA |
| HBV | Hepatitis B virus | Hepadnaviridae | partially dsDNA |
| HCV | Hepatitis C virus | Flaviviridae | ssRNA(+) |
| HHV6 A/B | Human herpesvirus 6A / 6B | Herpesviridae | dsDNA |
| HHV7 | Human herpesvirus 7 | Herpesviridae | dsDNA |
| HHV8 | Human herpesvirus 8 (Kaposi sarcoma–associated herpesvirus) | Herpesviridae | dsDNA |
| HIV | Human immunodeficiency virus | Retroviridae | ssRNA(+)/dsDNA |
| HPyV6 | Human polyomavirus 6 | Polyomaviridae | dsDNA |
| HSV1 | Herpes simplex virus type 1 | Herpesviridae | dsDNA |
| HSV2 | Herpes simplex virus type 2 | Herpesviridae | dsDNA |
| HTLV 2 | Human T-lymphotropic virus type 2 | Retroviridae | ssRNA(+)/dsDNA |
| Human parainfluenza | Human parainfluenza virus | Paramyxoviridae | ssRNA(−) |
| JCV | JC polyomavirus | Polyomaviridae | dsDNA |
| MCV | Merkel cell polyomavirus | Polyomaviridae | dsDNA |
| Norovirus | Human norovirus | Caliciviridae | ssRNA(+) |
| Papillomavirus | Human papillomavirus | Papillomaviridae | dsDNA |
| Parvovirus | Human parvovirus B19 | Parvoviridae | ssDNA |
| Pegivirus | Human pegivirus (GB virus C) | Flaviviridae | ssRNA(+) |
| RSV | Respiratory syncytial virus | Pneumoviridae | ssRNA(−) |
| Sewage-associated gemycircularvirus | Sewage-associated gemycircularvirus | Genomoviridae | ssDNA |
| Sphinx1.76 | Sphinx 1.76 virus | Genomoviridae | ssDNA |
| STLPyV | Saint Louis polyomavirus | Polyomaviridae | dsDNA |
| SV40 | Simian virus 40 | Polyomaviridae | dsDNA |
| TTV | Torque teno virus | Anelloviridae | ssDNA |
| VZV | Varicella-zoster virus | Herpesviridae | dsDNA |
| WU Virus | WU polyomavirus | Polyomaviridae | dsDNA |