**Table 1.**

**Selected Genomes for comparative analysis.**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species** | **Genomes ID** | **gp60 Subtype** | **Geographic sources** | **Isolation source** | **Propagated in animals** | **Sequencing techniques** | **BioProject ID** | **References**  |
| *C. parvum* | UKP2 | IIaA19G1R2 | UK: England | Human feces | N/A | Illumina MiSeq | PRJNA253836 | (Hadfield et al., 2015) |
| UKP3 | IIaA18G2R1 | UK: Wales | Human feces | N/A | Illumina HiSeq | PRJNA253840 | (Hadfield et al., 2015) |
| UKP4 | IIaA15G2R1 | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA253843 | (Hadfield et al., 2015) |
| UKP5 | IIaA15G2R1 | UK | Human feces | N/A | Illumina HiSeq | PRJNA253845 | (Hadfield et al., 2015) |
| UKP6 | IIaA15G2R1 | UK | Human feces | N/A | Illumina HiSeq | PRJNA253846 | (Hadfield et al., 2015) |
| UKP7 | IIaA17G1R1 | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA253847 | (Hadfield et al., 2015) |
| UKP8 | IIdA22G1 | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA253848 | (Hadfield et al., 2015) |
| UKP14 | IIcA5G3a | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA315506 | (Nader et al., 2019) |
| UKP15 | IIcA5G3a | UK: Wales | Human feces | N/A | Illumina HiSeq | PRJNA315507 | (Nader et al., 2019) |
| *C. hominis* | UKH1 | IbA10G2 | UK: Wales | Human feces | Gnotobiotic piglets | Illumina MiSeq | PRJNA222837 |  (Ifeonu et al., 2016) |
| UKH3 | IbA10G2 | UK: England | Human feces | N/A | Illumina MiSeq | PRJNA253834 |  (Hadfield et al., 2015)  |
| UKH4 | IaA14R3 | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA253838 | (Hadfield et al., 2015)  |
| UKH5 | IbA10G2 | UK: England | Human feces | N/A | Illumina HiSeq | PRJNA253839 | (Hadfield et al., 2015)  |
| 37999 | IbA10G2 | USA: Twin Fall, Idaho | Human feces | N/A | Illumina GAIIx | PRJNA252787 | (Guo et al., 2015a)  |
| TU502\_2012 | IbA10G2 | Uganda | Human feces | Gnotobiotic piglets | Illumina MiSeq | PRJNA222836 | (Ifeonu et al., 2016) |
| 30976 | IaA28R4 | USA: St. Louis | Human feces | N/A | Illumina GAIIx | PRJNA252787 | (Guo et al., 2015a) |
| UdeA01 | IeA11G3T3 | Colombia: Medellín | Human feces | N/A | Illumina MiSeq | PRJEB10000 | (Isaza et al., 2015) |
| SWEH2 | IdA14 | Kenya or Rwanda | Human feces | N/A | Ion Torrent | PRJNA307563 | (Sikora, Arrighi, Beser, & Andersson, 2017) |
| SWEH5 | IfA12G1  | Denmark | Human feces | N/A | Ion Torrent | PRJNA307563 | (Sikora, Arrighi, et al., 2017) |
| *C. meleagridis* | UKMEL1 | IIIbA22G1R1c | India | Human feces |  Mice | Illumina MiSeq | PRJNA222838  | (Ifeonu et al., 2016) |
| UKMEL3 | IIIgA23G3 | UK | Human feces | N/A | Illumina HiSeq | PRJNA315502 | (Nader et al., 2019) |
| UKMEL4 | IIIhA7 | UK | Human feces | N/A | Illumina HiSeq | PRJNA315503 | (Nader et al., 2019) |
| TU1867 | IIIeA21G2R1 | Uganda | Human feces | Gnotobiotic piglets, mice, and chickens | Illumina MiSeq | PRJNA192428 | (Akiyoshi et al., 2003) |