|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Isolate** | **Raw reads****(ONT)** | **Corrected reads (ONT)** | **Genome size****(ONT)** | **Genome size****(ONT& Illumina)** | **ARG** | **Virulence****gene** | **Accession No.** |
| **Contig** | **Size** | **Size** | **β-lactam** | **AG** | **FQ** |
| ***E. coli* NIPH17\_0020** | **1.25 Gb** | **333.95 Mb** | **Chromosome** | **4.78 Mb** | **4.88 Mb** | ***bla*CMY-2** | **N.D.** | **N.D.** | ***fyuA*, *gad*, *irp2*, *lpfA*, *terC*** | **­AP024560** |
| **pNIPH17\_0020\_1****(plasmid)** | **91.6 kb** | **93.9 kb** | ***bla*NDM-5, *bla*TEM-1B** | ***aadA2*,  *aph(3'')-lb*, *aac(3)-lld*-like,  *aph(6)-ld*** | **N.D.** | **N.D.** | **LC483178** |
| ***E. coli* NIPH17\_0036** | **1.27 Gb** | **337.27 Mb** | **Chromosome** | **4.68 Mb** | **4.78 Mb** | ***bla*CMY-2-like, *bla*OXA-1-like** | ***aadA1*-like** | **N.D.** | ***gad*, *hra*, *lpfA*, *terC*** | **­AP024561** |
| **pNIPH17\_0036\_1****(plasmid)** | **50.2 kb** | **51.5 kb** | ***bla*OXA-181** | **N.D.** | ***qnrS1*** | **N.D.** | **LC483179** |
| **pNIPH17\_0036\_2****(plasmid)** | **92.6 kb** | **94.8 kb** | ***bla*TEM-217-like, *bla*CTX-M-15, *bla*OXA-1, *bla*TEM-1B-like, *bla*TEM-210-like** | ***aac(6')-Ib-cr*,  *aac(3)-lld*-like,  *aadA5*,  *aph(6)-Id*,  *aph(3’')-Ib*** | **N.D.** | **N.D.** | **LC603215** |
| ***A. baumannii*****NIPH17\_0019** | **2.02 Gb** | **493.44 Mb** | **Chromosome** | **3.85 Mb** | **4.01 Mb** | ***bla*OXA-23, *bla*OXA-23, *bla*OXA-66, *bla*TEM-1D, *bla*ADC-25-like** | ***armA*** | **N.D.** | **N.D.** | **AP024415** |

**Table S1**