**Supplementary data 2. Genome summary for ST15 strains KP\_NORM\_BLD\_2014\_104014 and KP\_NORM\_BLD\_2015\_112126**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Strain KP\_NORM\_BLD\_2014\_104014 | Strain KP\_NORM\_BLD\_2015\_112126 | Plasmid rep type(s) | Virulence/resistance loci |
| Chromosome | 5319653 bp (57.42% GC) | 5284191 bp (57.47% GC) | NA | \**blaCTX-M-15* |
| Plasmid 1 | pKp104014\_1  345775 bp (47.77% GC)  Accession TBA | pKp112126\_1  299188 bp (47.37% GC)  Accession TBA | IncFIB(Mar)  IncHI1B | *iuc;* aerobactin  *rmpA2*; regulator of mucoid phenotype  *feo;* ferrous iron transporter  *tra-trh* conjugation genes  *aac(3)-IIa, blaTEM-1*  \**blaCTX-M-15, aph(3’)-Ia*, *dfrA*, *sat2*, *blaSHV-5, sul1, aadA1*  *mer;* mercury resistance  \*\**ter;* tellurite resistance |
| Plasmid 2 | pKp104014\_2  113143 bp (48.96% GC)  Accession TBA | pKp112126\_2  113131 bp (48.95% GC)  Accession TBA | IncFIB(pKPHS1) |  |
| Plasmid 3 | pKp104014\_3  76757 bp (52.06% GC)  Accession TBA | pKp112126\_3  89709 bp (52.43% GC)  Accession TBA | IncFII | *tra-trb* conjugation genes  *aacA4, blaOXA-1*, *blaTEM, cat*  \*\**tetAR, blaCTX-M-15* |
| Plasmid 4 | pKp104014\_4  54880 bp (52.53% GC)  Accession TBA | pKp112126\_4  54880 bp (52.54% GC)  Accession TBA | - | phage |
| Plasmid 5 | pKp104014\_5  4591 bp (54.95% GC)  Accession TBA | NA | Col440I |  |
| Plasmid 6 | pKp104014\_6  3181 bp (46.11% GC)  Accession TBA | NA | - |  |
| Plasmid 7 | pKp104014\_7  2058 bp (56.51% GC)  Accession TBA | NA | ColpVC |  |

\*present in KP\_NORM\_BLD\_2014\_104014 variant only

\*\*present in KP\_NORM\_BLD\_2015\_112126 variant only