**File S4: Table.** Relative abundance of resistance genes in other ST405 genomes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Genome** | ***intI1***(identity/truncation site) | ***dfrA17*** | ***aadA5*** | ***sul1*** | ***mphA*** |
| 5b4d3680\_7fd4\_11e6\_b8fe\_3c4a9275d6c8 | 99/682 | - | - | - | - |
| 65fc80e0\_7fd4\_11e6\_b8fe\_3c4a9275d6c8 | - | - | - | - | - |
| 7088d9f0\_7fd4\_11e6\_b8fe\_3c4a9275d6c8 | multiple fragments | 100 | - | - | - |
| 982\_ECOL |  |  |  |  |  |
| blood\_09\_0464\* | 99/548 | 100 | 100 | 100 | 100 |
| blood\_90543\* | 99/548 | 100 | 100 | 100 | 100 |
| blood\_90544\* | 99/548 | 100 | 100 | 100 | 100 | | |
| blood\_9\_0292\* | 99/548 | 100 | 100 | 100 | 100 |
| DHQP1301299 |  |  |  |  |  |
| Eco216 |  |  |  |  |  |
| eo1776 | 99/682 | 100 | 100 | 100 | - |
| EuSCAPE\_ES009 |  |  |  |  |  |
| EuSCAPE\_HU034 | 99 | 100 | 100 | 100 | 100 |
| EuSCAPE\_NO011 | 99 | 100 | 100 | 100 | 100 |
| GN02215 | 99/798 | 100 | 100/158 | - | - |
| GN04682 |  |  |  |  |  |
| HICF646 | 99 | 100 | 100 | 100 | 100 |
| IHD232\_15\* | 99/746 | 100 | 99 | 100 | 100 |
| IR5 | multiple fragments | 100 | 100 | 100/65 | 100/89 |
| JSWP013\* | 99/746 | 100 | 100 | 100 | 100 |
| PH108 | - | - | - | - | 99 |
| SAMPLE\_WTCHG\_320308\_259190\* | 99/746 | 100 | 100 | 100 | 100 |
| SCK08\_36 | 99 | 100 | 100 | 100 | - |
| UPEC\_1 | 99 | 100 | 100 | 100 | 100 | |

*Genomes**with**an asterisk have all genes on the same scaffold of the genome sequence.*