**Table S2.** Results from 2x2 Fisher's exact tests for the pairwise comparisons of the IncQ1 replicon and antimicrobial resistance genes *sul2*, *tet*(A), and *strAB*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Comparison** | **Odds Ratio** | **95% CI** | ***P*-value** | **Adjusted *P*-value** |
| *sul2* vs. *tet*(A) | 1912.24 | 637.17 – Inf | 1.56E-118 | 3.89E-118 |
| *sul2* vs. *strA* | 1187.48 | 343.01 – Inf | 3.37E-106 | 5.61E-106 |
| *sul2* vs. *strB* | 587.26 | 227.47 – Inf | 3.34E-102 | 4.18E-102 |
| *sul2* vs. IncQ1 | 14888.05 | 1877.26 – Inf | 8.76E-128 | 4.38E-127 |
| *tet*(A) vs. *strA* | 306.87 | 143.15 – Inf | 1.88E-96 | 2.09E-96 |
| *tet*(A) vs. *strB* | 236.06 | 117.94 – Inf | 3.03E-93 | 3.03E-93 |
| *tet*(A) vs. IncQ1 | 9194.06 | 1252.19 – Inf | 1.32E-123 | 4.39E-123 |
| *strA* vs. *strB* | Inf | 4311.58 – Inf | 5.71E-143 | 5.71E-142 |
| *strA* vs. IncQ1 | Inf | 692.35 – Inf | 6.36E-109 | 1.27E-108 |
| *strB* vs. IncQ1 | 1121.38 | 324.72 – Inf | 3.73E-104 | 5.33E-104 |
| *bla*TEM-1C vs. Col440II-like | 4.50E+15 | 4311.58 – Inf | 5.68E-152 | 1.71E-151 |
| *bla*TEM-1C vs. ColRNAI-like | Inf | 303.19 – Inf | 5.00E-96 | 5.00E-96 |
| Col440II-like vs. ColRNAI-like | Inf | 303.19 – Inf | 5.00E-96 | 5.00E-96 |