**S6 Table. Fisher exact test of differences in the number of bacterial populations able to form biofilm1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Comparison** | **Transfer** | df | N2 | *P* |
| Coevolution vs. Adaptation | 12 | 1 | 10,9 | **0.0031** |
| Coevolution vs.Control | 12 | 1 | 10,10 | **<0.0001** |
| Control vs. Adaptation | 12 | 1 | 10,9 | 0.0867 |
| Coevolution vs. Adaptation | 20 | 1 | 10,7 | **0.0034** |
| Coevolution vs.Control | 20 | 1 | 10,8 | **<0.0001** |
| Control vs. Adaptation | 20 | 1 | 8,7 | 0.2000 |
| Coevolution vs. Adaptation | 28 | 1 | 10,4 | 0.2857 |
| Coevolution vs.Control | 28 | 1 | 10,8 | **<0.0001** |
| Control vs. Adaptation | 28 | 1 | 8,4 | **0.0182** |

1 Time point is given as host transfer number. Significant values after FDR adjustment are given in bold. The data is shown in S2 Data.

2 Sample sizes for first and second factor of the comparison, respectively.