

**Additional File 10. Table on the statistical results for the comparison between N2 and CB4856 leaving behavior towards *E. coli* and *P. aeruginosa***

| Time point <sup>1</sup> | Bacteria <sup>2</sup> | $\chi^2$ | <i>p</i>          |
|-------------------------|-----------------------|----------|-------------------|
| 8 h                     | PA14                  | 3.7681   | 0.0522            |
|                         | OP50                  | 0.2525   | 0.6153            |
| 14 h                    | PA14                  | 18.4     | <b>&lt;0.0001</b> |
|                         | OP50                  | 0.0079   | 0.929             |
| 24 h                    | PA14                  | 18.5028  | <b>&lt;0.0001</b> |
|                         | OP50                  | 3.0023   | 0.0831            |
| 48 h                    | PA14                  | 15.1565  | <b>&lt;0.0001</b> |
|                         | OP50                  | 0.3139   | 0.5753            |

<sup>1</sup> The time points and bacteria were analyzed separately.

<sup>2</sup> Bacteria, for which the difference between N2 and CB4856 was assessed with the Kruskal Wallis test, including the nematocidal *P. aeruginosa* PA14, and the control *E. coli* OP50. DF = 1 for all tests. Significant probabilities are given in bold. Significance level was adjusted using Bonferroni correction for multiple pairwise comparisons.