**Table S6**. Comparison of proportion of genes encoded for subcellular localization in the *Pseudovibrio* genomes and their genomic islands. *P-*values are based on t-test.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Average percentage (%) | | Genome-GI |
| **Subcellular location** | **Genome** | **Genomic Island (GI)** | ***p*-value** |
| Cytoplasmic | 43.88 | 37.51 | \*\*\* |
| CytoplasmicMembrane | 21.89 | 12.11 | \*\*\*\* |
| Extracellular | 1.26 | 2.20 | \* |
| OuterMembrane | 1.13 | 0.44 | \*\*\*\* |
| Periplasmic | 3.36 | 0.69 | \*\*\*\* |
| Unknown | 28.3 | 47.04 | \*\*\*\* |

\**p*<0.05, \*\*\**p*<0.001, \*\*\*\**p*<0.00001