**S1 Table.** Overview of putative beta-lactamase like genes in *Pseudomonas spp*. found by conserved domain searches.

|  |  |  |  |
| --- | --- | --- | --- |
| Isolate | Putative speciesa | locus\_tagb | Annotation (Prokka) |
| 66ASC | close to *P. stutzeri* | PROKKA\_02049 | Beta-lactamase precursor ampC |
| 66ASC | close to *P. stutzeri* | PROKKA\_02600 | Beta-lactamase IMP-1 precursor |
| 66ASC | close to *P. stutzeri* | PROKKA\_02768 | Beta-lactamase Toho-1 precursor bla |
| 66ASC | close to *P. stutzeri* | PROKKA\_03686 | Metallo-beta-lactamase superfamily protein |
| 66ASC | close to *P. stutzeri* | PROKKA\_03949 | Beta-lactamase HcpA precursor HcpA2 |
| 80ASC | close to *P. anguillispectica* | PROKKA\_00143 | Beta-lactamase precursor ampC |
| 80ASC | close to *P. anguillispectica* | PROKKA\_00194 | beta-lactamase HcpC precursor |
| 80ASC | close to *P. anguillispectica* | PROKKA\_00908 | Metallo-beta-lactamase superfamily protein |
| 80ASC | close to *P. anguillispectica* | PROKKA\_01023 | Beta-lactamase HcpA precursor hcpA\_1 |
| 80ASC | close to *P. anguillispectica* | PROKKA\_01105 | Beta-lactamase 2 precursor |
| 80ASC | close to *P. anguillispectica* | PROKKA\_01698 | Beta-lactamase OXA-10 precursor bla |
| 80ASC | close to *P. anguillispectica* | PROKKA\_02958 | Metallo-beta-lactamase superfamily protein |
| 96BSC | close to *P. stutzeri* | PROKKA\_01407 | Metallo-beta-lactamase superfamily protein |
| 96BSC | close to *P. stutzeri* | PROKKA\_01986 | Beta-lactamase precursor ampC |
| 96BSC | close to *P. stutzeri* | PROKKA\_03103 | Beta-lactamase IMP-1 precursor |
| 96BSC | close to *P. stutzeri* | PROKKA\_03470 | Beta-lactamase Toho-1 precursor bla |
| 105ASC | close to *P. stutzeri* | PROKKA\_00452 | Beta-lactamase |
| 105ASC | close to *P. stutzeri* | PROKKA\_01542 | Beta-lactamase hydrolase-like protein blh |
| 105ASC | close to *P. stutzeri* | PROKKA\_01776 | Beta-lactamase OXA-2 precursor bla |
| 105ASC | close to *P. stutzeri* | PROKKA\_03187 | Beta-lactamase precursor ampC |
| 11ASC | *P. citronellolis* | 11ASC\_00237 | Metallo-beta-lactamase superfamily protein |
| 11ASC | *P. citronellolis* | 11ASC\_01473 | Putative beta-lactamase HcpC precursor, hcpC\_1 |
| 11ASC | *P. citronellolis* | 11ASC\_01669 | Putative beta-lactamase HcpC precursor, hcpC\_2 |
| 11ASC | *P. citronellolis* | 11ASC\_03024 | Metallo-beta-lactamase superfamily protein |
| 11ASC | *P. citronellolis* | 11ASC\_03088 | Beta-lactamase precursor blaP |
| 11ASC | *P. citronellolis* | 11ASC\_03485 | Metallo-beta-lactamase superfamily protein |
| 11ASC | *P. citronellolis* | 11ASC\_04169 | Beta-lactamase hydrolase-like protein blh |
| 8ASC | *P. citronellolis* | 8ASC\_01448 | Putative beta-lactamase HcpC precursor hcpC\_1 |
| 8ASC | *P. citronellolis* | 8ASC\_01508 | Putative beta-lactamase HcpC precursor hcpC\_2 |
| 8ASC | *P. citronellolis* | 8ASC\_01639 | Metallo-beta-lactamase superfamily protein |
| 8ASC | *P. citronellolis* | 8ASC\_01726 | Metallo-beta-lactamase superfamily protein |
| 8ASC | *P. citronellolis* | 8ASC\_02347 | Beta-lactamase hydrolase-like protein, blh |
| 8ASC | *P. citronellolis* | 8ASC\_02980 | Metallo-beta-lactamase superfamily protein |
| 8ASC | *P. citronellolis* | 8ASC\_03687 | Beta-lactamase precursor blaP |

a Species identification based on whole genome and 16S sequence data. The designation ‘close to’ is used when a taxon was phylogenetically close the indicated species, but sequence data suggest this may represent a new species.

b Locus tags as obtained from Prokka annotations, and used in the initial analyses. This should be replaced with locus tags designated by NCBI, once we have the annotations back.