| Strain or plasmid | Genotype/Characteristics | Reference/Source | Pyocin L1 Sensitivity |
|-------------------|--------------------------|------------------|-----------------------|
| P. aeruginosa     |                          |                  |                       |
| PA01              | Clinical isolate         | [1]              | 6.25 μg/ml            |
| wzm-G01::ISphoA/hah | PA01 wzm knockout       | [2]              | -                     |
| wzt-E12::ISphoA/hah | PA01 wzt knockout       | [2]              | -                     |
| E2                | Environmental isolate    | [3]              | 0.78 μg/ml            |
| E2-M4             | Pyocin L1 tolerant mutant | This study      | 2.6 mg/ml (very weak) |
| E2-M11            | Pyocin L1 tolerant mutant | This study      | 2.6 mg/ml (very weak) |
| P1                | Clinical isolate         | This study       | -                     |
| P2                | Clinical isolate         | This study       | 400 μg/ml             |
| P3                | Clinical isolate         | This study       | 400 μg/ml             |
| P4                | Clinical isolate         | This study       | 25 μg/ml              |
| P5                | Clinical isolate         | This study       | 400 μg/ml             |
| P7                | Clinical isolate         | This study       | -                     |
| P8                | Clinical isolate         | This study       | 0.39 μg/ml            |
| P9                | Clinical isolate         | This study       | 200 μg/ml             |
| P10               | Clinical isolate         | This study       | -                     |
| P11               | Clinical isolate         | This study       | -                     |
| P12               | Clinical isolate         | This study       | -                     |
| P13               | Clinical isolate         | This study       | -                     |
| P14               | Clinical isolate         | This study       | -                     |
| P15               | Clinical isolate         | This study       | -                     |
| P16               | Clinical isolate         | This study       | -                     |
| P17               | Clinical isolate         | This study       | -                     |
| P18               | Clinical isolate         | This study       | -                     |
| P19               | Clinical isolate         | This study       | -                     |
| YH5               | Clinical isolate         | This study       | 50 μg/ml              |
| PA14              | Clinical isolate         | [4]              | -                     |
| PA7               | Clinical isolate         | [5]              | -                     |
| PA62              | Environmental isolate    | [6]              | -                     |
| MSH10             | Environmental isolate    | [3]              | -                     |
| MSH3              | Environmental isolate    | [3]              | -                     |
| C763              | Clinical isolate         | [6]              | -                     |
| C1334             | Clinical mucoid isolate  | [6]              | -                     |
| C1426             | Clinical isolate         | [6]              | -                     |
| C1433             | Clinical mucoid isolate  | [6]              | -                     |
| J1385             | Clinical isolate         | [7]              | -                     |
| J1532             | Clinical mucoid isolate  | [7]              | -                     |
| P. syringae       |                          |                  |                       |
| pv. tomato DC3000 | isolated from *Solanum*  | BCCM             |                       |
| pv. tomato NCPPB 1107 | isolated from *Solanum* | NCPPB            |                       |
| pv. tomato NCPPB 2563 | isolated from *Solanum* | NCPPB            |                       |
| pv. tomato NCPPB 3160 | isolated from *Solanum* | NCPPB            |                       |
| pv. coronafaciens LMG 5060 | isolated from *Avena sativa* | BCCM |                       |
| Organism | Isolated From | Source | Concentration |
|----------|---------------|--------|---------------|
| pv. lachrymans LMG 5456 | Cucumis sativus | BCCM | 2.6 mg/ml (very weak) |
| pv. maculicola LMG 2208 | Brassica oleracea | BCCM | 2.6 mg/ml (very weak) |
| morsprunorum LMG2222 | Prunus avium | BCCM | 2.6 mg/ml (very weak) |
| pv. syringae LMG1247 | Syringa vulgaris, type strain | BCCM | 2.6 mg/ml (very weak) |
| pv. syringae LMG 5082 | Zea mays | BCCM | 2.6 mg/ml (very weak) |
| pv. syringae LMG 5084 | Pyrus communis | BCCM | 2.6 mg/ml (very weak) |
| P. carotovorum subsp. carotovorum | | | |
| LMG 2410 | Cucumis sativus | BCCM | - |
| LMG 2412 | Hyacinthus orientalis | BCCM | - |
| LMG 2442 | Brassica oleracea | BCCM | - |
| LMG 2444 | Solanum tuberosum | BCCM | - |
| LMG 2913 | Soil | BCCM | - |
| P. atrosepticum | | | |
| LMG 2374 | Apium graveolens var. dulce | BCCM | - |
| LMG 2375 | Solanum tuberosum | BCCM | - |
| LMG 2386 | Solanum tuberosum | BCCM | - |
| LMG 2391 | Soil | BCCM | - |
| SCRI 1043 | Solanum tuberosum | SCRI | - |
| E. coli | | | |
| DH5α | F-, ϕ80dlacZΔM15, Δ(laczYA-argF)U169, deoR, recA1, endA1, hsdR17(rk−, mk−), phoA, supE44, λ−, thi−, gyrA96, relA | Invitrogen | - |
| BL21(DE3)pLysS | F' ompT hsdSB (rB mB') gal dcm (DE3) pLysS (CamR) | Invitrogen | - |
| Plasmids | | | |
| pET21a | Amp′ cloning/expression vector, T7 promoter | Novagen | |
| pETPyoL1 | 771bp xhoI/Ndel fragment in pET21a | This study | |
| pETPL1 | 828bp xhoI/Ndel fragment in pET21a | This study | |