**Table S1** Restriction-modification systems predicted in *P. syringae*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Strain | Type | Gene | Name | PredictedRec Seq | Coordinates |
| Psph | I | R | PSPPH\_0104 | - | 116979-119966 |
| Psph | I | S | PSPPH\_0106 | - | 121882-123228 |
| Psph | I | M | PSPPH\_0107 | - | 123215-125620 |
| Psph | II | M | PSPPH\_1883 | - | 2183856-2184650 |
| Psph | II | M | PSPPH\_1894 | - | 2194525-2195319 |
| Psph | II | M | PSPPH\_4982 | - | 5652396-5653190 |
| Pst | I | M | PSPTO\_0005 |  | 7092-8798 |
| Pst | I | S | PSPTO\_0006 |  | 8861-10168 |
| Pst | I | R | PSPTO\_0008 |  | 11067-14366 |
| Pst | I | M | PSPTO\_1086 |  | 1191539-1193269 |
| Pst | I | S | PSPTO\_1087 |  | 1193259-1194527 |
| Pst | I | R | PSPTO\_1089 |  | 1195573-1198695 |
| Pst | II | M | PSPTO\_2386 |  | 2635219-2636106 |
| Pst | II | M | PSPTO\_3388 |  | 3830042-3830836 |
| Pst | II | M | PSPTO\_3427 |  | 3862800-3864584 |
| Pss | II | M | Psyr\_1433 |  | 1621535-1622950 |
| Pss | II | M | Psyr\_2825 |  | 3399004-3400125 |
| Pss | II | M | Psyr\_2828 |  | 3401768-3403822 |
| Pss | II | M | Psyr\_2843 |  | 3415442-3417574 |

I: type I RM modification system;

II: type II RM modification system;

M: methylase;

S: specificity;

R: restriction;