Таблица S1. Названия микроорганизмов, используемых в данном исследовании.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Название организм а** | **Штамм** | **Порядковый номер генома/генов в БД NCBI** | **Название организм а** | **Штамм** | **Порядковый номер генома/генов в БД NCBI** |
| ***P. agglomer ans*** | C410P1 | NZ\_CP016889.1 | ***P. stewartii*** | *DC283* | NZ\_CP017581.1 |
| MP2 | NZ\_JPKQ00000000.1 | LMG 2632 | NZ\_JPKO00000000.1 |
| TH81 | NZ\_CP031649.1 | CCUG 26359 | NZ\_VZPF00000000.1 |
| CFSAN047154 | NZ\_CP034474.1 | NS381 | NZ\_LDSH00000000.1 |
| L15 | NZ\_CP034148.1 | ZJFGZX1 | NZ\_CP049115.1 |
| ES418 | NZ\_SIJO00000000.1 | ***P. rodasii*** | ND03 | NZ\_JTJJ00000000.1 |
| A2 | NZ\_WSSP00000000.1 | LMG 26273 | NZ\_MLFP00000000.1 |
| BI3 | NZ\_QLAA00000000.1 | DSM 26611 | NZ\_PIQI00000000.1 |
| RIT710 | NZ\_WJYF00000000.1 | ***P. allii*** | AF015A5 | NZ\_SMFI00000000.1 |
| P5 | NZ\_NGNU00000000.2 | LMG 24248 | NZ\_MLFE00000000.1 |
| T6 | NZ\_WSSZ00000000.1 | ***P. anthophil a*** | 11-2 | NZ\_JXXL00000000.1 |
| K1 | NZ\_SRSB00000000.1 | LMG 2558 | NZ\_VHIZ00000000.1 |
| UAEU18 | NZ\_CP048033.1 | ***P. deleyi*** | LMG 24200 | NZ\_VHJA00000000.1 |
| LMAE2 | NZ\_JWLQ00000000.1 | UBA11341 | DMYN00000000.1 |
| NCTC 10601 | NZ\_UGSL00000000.1 | ***P. brenneri*** | IF5SW-P1 | NZ\_MIZY00000000.1 |
| ***P. vagans*** | FBS135 | NZ\_CP020820.1 | LMG 5343 | NZ\_MIEI00000000.1 |
| PF7 | NZ\_VFLY00000000.1 | B024858 | MH015096.1, MH015124.1, KF554816.1, MH015166.1 |
| SRS89 | NZ\_JAAALG000000000.  1 | B016381 | MH015095.1, MH015123.1, KF554814.1, MH015165.1 |
| LMG 24199 | NZ\_CP038853.1 | ***P. cypripedii*** | LMG 2657 | NZ\_MLJI00000000.1 |
| MP7 | NZ\_JPKP00000000.1 | NE1 | CP024768.1 |
| FDAARGOS  160 | NZ\_CP014129.2 | ***P. rwandensi s*** | ND04 | NZ\_CP009454.1 |
| ET90 | NZ\_RCNL00000000.1 | LMG 26275 | NZ\_MLFR00000000.1 |
| ***P. ananatis*** | NS296 | NZ\_LDQX00000000.1 | ***P. dispersa*** | EGD-AAK13 | NZ\_AVSS00000000.1 |
| RSA47 | NZ\_LDRA00000000.1 | ***P. coffeiphil a*** | 342 | NZ\_PDET00000000.1 |
| AMG521 | NZ\_LMYG00000000.1 | ***P. conspicua*** | LMG 24534 | NZ\_MLFN00000000.1 |
| PA13 | NC\_017554.1 | ***P. sesami*** | Si-M154 | NZ\_FQWJ00000000.1 |
| B1-9 | NZ\_CAEI00000000.1 | ***P. wallisii*** | LMG 26277 | NZ\_MLFS00000000.1 |
| S6 | NZ\_CVNF00000000.1 | ***P. alhagi*** | LTYR-11Z | NZ\_CP019706.1 |

Таблица S2. Сравнение конкатенированных последовательностей генов исследуемых и типовых штаммов рода *Pantoea*. Степень гомологии указана в процентах.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Типовые штаммы рода**  ***Pantoea*** | **3.1** | **3.2** | **3.5.2** | **3.6.1** |
| *P. vagans* LMG 24199 | 92.54 | 92.57 | 92.57 | 92.67 |
| *P. agglomerans* NCTC 10601 | 92.74 | 92.76 | 92.76 | 92.86 |
| *P. stewartii* CCUG 26359 | 86.50 | 86.51 | 86.50 | 86.60 |
| *P. cypripedii* LMG 2657 | 85.34 | 85.16 | 85.16 | 85.16 |
| *P. allii* LMG 24248 | 87.63 | 87.64 | 87.64 | 87.64 |
| *P. ananatis* LMG 2665 | 87.94 | 87.99 | 87.94 | 87.94 |
| *P. brenneri* LMG 5343 | **99.58** | **99.05** | **99.51** | **99.65** |
| *P. anthophila* LMG 2558 | 90.50 | 90.52 | 90.53 | 90.62 |
| *P. deleyi* LMG 24200 | 92.09 | 92.12 | 92.12 | 92.17 |
| *P. rodasii* LMG 26273 | 86.67 | 86.68 | 86.68 | 86.73 |
| *P. rwandensis* LMG 26275 | 80.05 | 80.18 | 80.28 | 80.08 |
| *P. conspicua* LMG 24534 | 93.77 | 93.94 | 93.87 | 93.80 |
| *P. wallisii* LMG 26277 | 86.49 | 86.44 | 86.44 | 86.44 |