

## Supplementary table

“*Erwinia plantamica* sp. nov., a Non-Phytopathogenic Bacterium Isolated from the Seedlings of Spring Wheat (*Triticum aestivum* L.)” by Egorshina et al.

**Table S1.** TYGS type-strains closely related to strain OPT-41 (accessed on 15 July 2024)

| Strain                                             | TYGS ID | Authority                                                    | Other deposits                                                                                                                     | Synonyms                                                 | Base pairs | G+C, % | No. proteins | Goldstamp | Bioproject ID | Biosample ID | Assembly ID   |
|----------------------------------------------------|---------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------|--------|--------------|-----------|---------------|--------------|---------------|
| <i>Erwinia phyllosphaerae</i> CMYE1 $\pm$          | 85300   | Pan et al. 2022                                              | JCM 34792; GDMCC 1.2674                                                                                                            | <i>Erwinia phyllosphaerae</i>                            | 4,726,038  | 53.76  | 4281         | na        | PRJNA224116   | SAMN19908003 | GCF_019132875 |
| <i>Erwinia pyri</i> DE2                            | 25571   | He et al. 2024                                               | na                                                                                                                                 | <i>Erwinia pyri</i>                                      | 4,758,430  | 54.27  | 4424         | na        | PRJNA224116   | SAMN36511384 | GCF_030758455 |
| <i>Erwinia aphidicola</i> JCM 21238                | 132009  | Harada et al. 1997                                           | LMG 24877; CIP 106296; DSM 19347; NBRC 102417; IAM 14479; X 001                                                                    | <i>Erwinia aphidicola</i>                                | 5,112,699  | 56.67  | 4578         | na        | PRJNA663353   | SAMN16130814 | GCA_014773485 |
| <i>Erwinia psidii</i> IBSBF 435                    | 19470   | Rodrigues Neto et al. 1987                                   | CFBP 3627; LMG 7039; CIP 105200; NCPPB 3555; ATCC 49406; DSM 17597; PDDCC 8426                                                     | <i>Erwinia psidii</i>                                    | 4,497,306  | 51.48  | 3954         | na        | PRJNA498492   | SAMN10305463 | GCA_003846135 |
| <i>Erwinia tasmaniensis</i> Et1/99                 | 574     | Geider et al. 2006                                           | NCPPB 4357; DSM 17950                                                                                                              | <i>Erwinia tasmaniensis</i>                              | 4,067,864  | 53.39  | 3622         | Gp0001395 | PRJEA20585    | SAMEA2272215 | GCA_000026185 |
| <i>Mixta gaviniae</i> DSM 22758                    | 18942   | (Popp et al. 2010) Palmer et al. 2018                        | A18/07; LMG 25382                                                                                                                  | <i>Mixta gaviniae</i> ; <i>Pantoea gaviniae</i>          | 4,527,605  | 58.04  | 3935         | Gp0307784 | PRJNA430362   | SAMN08369925 | GCA_002953195 |
| <i>Candidatus</i> <i>Erwinia haradaeae</i> EpK1/15 | 122765  | Manzano-Marín et al. 2020                                    | na                                                                                                                                 | <i>Candidatus</i> <i>Erwinia haradaeae</i>               | 4,075,681  | 53.38  | 3567         | na        | PRJNA411857   | SAMN07689503 | GCA_002952315 |
| <i>Mixta calida</i> LMG 25383                      | 22176   | (Popp et al. 2010) Palmer et al. 2018                        | 1400/07; DSM 22759                                                                                                                 | <i>Mixta calida</i> ; <i>Pantoea calida</i>              | 4,239,526  | 56.98  | 3543         | Gp0031805 | PRJNA252985   | SAMN05757634 | GCA_002095355 |
| <i>Erwinia amylovora</i> CFBP 1232                 | 3005    | (Burrill 1882) Winslow et al. 1920 emend. Hauben et al. 1998 | LMG 2024; CIP 82.82; NCPPB 683; ICMP 1540; ATCC 15580; DSM 30165; IFO 12687; NBRC 12687; NCAIM B.01108                             | <i>Erwinia amylovora</i> ; <i>Micrococcus amylovorus</i> | 3,795,524  | 53.57  | 3762         | Gp0042360 | PRJEB604      | SAMEA2271944 | GCA_000367625 |
| <i>Erwinia persicina</i> NBRC 102418               | 4080    | Hao et al. 1990                                              | AJ 2716; CFBP 3622; LMG 11254; CIP 105199; NCPPB 3774; ICMP 12532; ATCC 35998; DSM 19328; JCM 3704; CDC 9108-82; HK 204; IAM 12843 | <i>Erwinia persicina</i>                                 | 4,905,774  | 55.41  | 4539         | Gp0023679 | PRJDB368      | SAMD00046721 | GCA_001571305 |

|                                                |        |                                      |                                                                                                                                   |                                                                                            |           |       |      |           |             |              |               |
|------------------------------------------------|--------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------|-------|------|-----------|-------------|--------------|---------------|
| <i>Candidatus</i> Pantoea alvi PSNIH6          | 133355 | Crosby et al. 2023                   | PSNIH6Ts                                                                                                                          | <i>Candidatus</i> Pantoea alvi                                                             | 5,344,485 | 57.92 | 4995 | na        | PRJNA430813 | SAMN04287067 | GCA_002920175 |
| <i>Candidatus</i> Pantoea bathycoeliae BD_Bin1 | 97460  | Fourie et al. 2023                   | na                                                                                                                                | <i>Candidatus</i> Pantoea bathycoeliae                                                     | 3,145,092 | 54.93 | 4354 | na        | PRJNA987703 | SAMN36078333 | GCA_031332935 |
| <i>Mixta tenebrionis</i> BIT-26                | 16510  | Xia et al. 2020                      | CGMCC 1.17041; KCTC 72449                                                                                                         | <i>Mixta tenebrionis</i>                                                                   | 4,648,399 | 56.06 | 4164 | na        | PRJNA550228 | SAMN12116280 | GCA_006517625 |
| <i>Pantoea vagans</i> LMG 24199                | 16257  | Brady et al. 2009                    | BCC 105; DSM 23078; BD 765; R-21566                                                                                               | <i>Pantoea vagans</i>                                                                      | 4,790,329 | 55.34 | 4283 | Gp0441667 | PRJNA505269 | SAMN10414043 | GCA_004792415 |
| <i>Pantoea agglomerans</i> NBRC 102470         | 4084   | (Beijerinck 1888) Gavini et al. 1989 | CFBP 3845; LMG 1286; CIP 57.51; ICMP 12534; ATCC 27155; CCUG 539; DSM 3493; JCM 1236; NCTC 9381; CDC 1461-67; ICPB 3435           | <i>Bacillus agglomerans</i> ; <i>Enterobacter agglomerans</i> ; <i>Pantoea agglomerans</i> | 4,652,040 | 55.12 | 4246 | Gp0023598 | PRJDB388    | SAMD00046726 | GCA_001598475 |
| <i>Pantoea hericii</i> JZB 2120024†            | 25008  | Rong et al. 2016                     | LMG 28847; CGMCC 1.15224                                                                                                          | <i>Pantoea hericii</i>                                                                     | 4,006,248 | 54.61 | 3705 | na        | PRJNA515154 | SAMN10743378 | GCA_014155795 |
| <i>Candidatus</i> Pantoea formicae Acro-805    | 133352 | Crosby et al. 2023                   | Acro-805Ts                                                                                                                        | <i>Candidatus</i> Pantoea formicae                                                         | 5,887,503 | 52.91 | 5536 | na        | PRJNA224116 | SAMN12703576 | GCF_011752625 |
| <i>Pantoea rwandensis</i> LMG 26275            | 22112  | Brady et al. 2012                    | BCC 571; BCC 571 (Bacterial Culture Collection Forestry and Agricultural Biotechnology Institute South Africa); DSM 26585; BD 944 | <i>Pantoea rwandensis</i>                                                                  | 5,775,402 | 52.61 | 4986 | Gp0044318 | PRJNA252996 | SAMN05907793 | GCA_002095475 |

Notes: na – not available

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