**Supporting Information 1**

 **S1 Table.** Genbank access numbers for 16S rRNA genes amplified from different bacterial isolates.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Source** | **Bank** | **Genus/species** | **Isolate** | **Accesion number** |  | **Source** | **Bank** | **Genus/species** | **Isolate** | **Accesion number** |
| Farm I | FCL | *Pseudomonas fragi*  | 13H4 |  MH000209 |  | Farm II | OXT | *Rouxiella chamberiensis*  | 154F5 | KY963430 |
| FCL | *Pseudomonas sp* | 13G1 | KY940314 |  | OXT | *Carnobacterium maltaromaticum* | 25P2A9 | KY963433 |
| FCL | *Pseudomonas fragi* | 7C5 |  MH000210 |  | OXT | *Brochothrix thermosphacta*  | P30XA10 | KY963444 |
| FCL | *Pseudomonas fragi*  | 5B1 |  MH000208 |  | OXT | *Brochothrix thermosphacta* | P30XB10 | KY963445 |
| FCL | *Pseudomonas fluorescens* | 7A3  | KY940317 |  | OXT | *Rouxiella chamberiensis* | 30PXB9 | KY963446 |
| FCL | *Pseudomonas sp*  | 4B2 |  KY940318 |  | OXT | *Rahnella sp.* | 30PXG7 | KY963448 |
| FCL | *Serratia sp*  | 4D1  | KY940320 |  | OXT | *Rouxiella chamberiensis* | P30XB3 | KY963449 |
| FCL | *Pseudomonas sp*  | 9A1 | MH000377 |  | OXT | *Carnobacterium maltaromaticum* | P30XD4 | KY963451 |
| FCL | *Pseudomonas azotoformans* | 8C2 | KY940319 |  | OXT | *Carnobacterium maltaromaticum*  | P30XD5 | KY963452 |
| FCL | *Serratia sp*  | 9A2 | KY940321 |  | OXT | *Carnobacterium maltaromaticum*  | P30XG8 | KY963453 |
| OXT | *Serratia proteamaculans*  | P151C9 | KY963460 |  | Farm III | FCL | *Pseudomonas sp* | 1A8 |  KY940348 |
| OXT | *Serratia proteamaculans*  | P151E2 | KY963461 |  | FCL | *Pseudomonas sp* | 1C7 |  KY940350 |
| OXT | *Serratia proteamaculans*  | 25P1E12 | KY963467 |  | FCL | *Pseudomonas migulae* | 3C4 | KY940346 |
| OXT | *Serratia proteamaculans*  | 30P1XC9 | KY963468 |  | FCL | *Pseudomonas fluorescens* | 4A11 | KY940342 |
| OXT | *Serratia proteamaculans*  | 30P1XC8 | KY963469 |  | FCL | *Pseudomonas migulae*  | 7F11 |  KY940345 |
| OXT | *Serratia proteamaculans*  | 30P1XD3 | KY963470 |  | FCL | *Hafnia sp*  | 6B1 | KY940351 |
| OXT | *Serratia proteamaculans*  | 30PF8 | KY963471 |  | FCL | *Pseudomonas fragi*  | 8B12 |  KY940323 |
| OXT | *Serratia proteamaculans*  | 30PF10 | KY963472 |  | FCL | *Pseudomonas fluorescens*  | 8F12 | KY940343 |
| OXT | *Serratia proteamaculans*  | 30PF11 | KY963472 |  | FCL | *Pseudomonas fluorescens*  | 11H8 | KY940344 |
| OXT | *Serratia proteamaculans* | 30P1XE10 | MH000379 |  | FCL | *Pseudomonas sp*  | 9F10 | KY940347 |
| OXT | *Pseudomonas fragi* | 30P1XB10 | KY963473 |  | FCL | *Aeromonas molluscorum*  | 7E11 |  KY940322 |
| OXT | *Pseudomonas fragi*  | 25P1H2 | KY963474 |  | OXT | *Serratia proteamaculans*  | 25P1F12 | KY963432 |
| OXT | *Pseudomonas fragi*  | P30F12 | KY963475 |  | OXT | *Brochothrix thermosphacta*  | 25P3C5 | KY963437 |
| OXT | *Pseudomonas fragi*  | 25P1D4 | KY963476 |  | OXT | *Brochothrix thermosphacta*  | 30P1XG3 | KY963441 |
| OXT | *Pseudomonas fragi*  | 30P1XE12 | KY963477 |  | OXT | *Brochothrix thermosphacta* | P30C3 | KY963442 |
| OXT | *Shewanella baltica*  | 30P1XB8 | KY963478 |  | OXT | *Brochothrix thermosphacta*  | P30C4 | MH000378 |
| OXT | *Hafnia alvei* | 25P3D1 | KY963479 |  | OXT | *Brochothrix thermosphacta*  | P30C5 | KY963443 |
| OXT | *Rouxiella chamberiensis*  | 30PXG6 | KY963480 |  | OXT | *Shewanella hafniensis*  | 30PF3 | KY963440 |
| Farm II | FCL | *Serratia sp* | 1B4 | KY940338 |  | Farm IV | FCL | *Pseudomonas jessenii*  | 1G10 | KY940353 |
| FCL | *Pseudomonas fragi* | 1,00E+02 | KY940326 |  | FCL | *Pseudomonas sp* | 1H11 |  MH000215 |
| FCL | *Pseudomonas fluorescens* | 2B4 | KY940328 |  | FCL | *Pseudomonas sp* | 1F11 | KY940356 |
| FCL | *Pseudomonas sp* | 1D2 |  MH000211 |  | FCL | *Pseudomonas sp* | 3A8 |  KY940358 |
| FCL | *Pseudomonas fragi*  | 6A4 |  MH000212 |  | FCL | *Pseudomonas fragi*  | 5B4 | KY940325 |
| FCL | *Pseudomonas sp*  | 6C5 | KY940312 |  | FCL | *Pseudomonas sp*  | 4C3 |  MH000216 |
| FCL | *Pseudomonas sp*  | 5B8 |  MH000213 |  | FCL | *Pseudomonas sp*  | 10G1 | KY940359 |
| FCL | *Pseudomonas fluorescens* | 6H4 | KY940327 |  | FCL | *Pseudomonas sp*  | 8A7 |  KY940357 |
| FCL | *Pseudomonas sp* | 5C8 |  KY940335 |  | FCL | *Pseudomonas sp*  | 9B4 |  KY940355 |
| FCL | *Pseudomonas fluorescens* | 7B8 | KY940331 |  | FCL | *Pseudomonas sp*  | 9C6 | MH000217 |
| FCL | *Pseudomonas fluorescens* | 6D3 |  KY940337 |  | OXT | *Shewnella vesiculosa*  | 15P2G11 | KY963425 |
| FCL | *Pseudomonas psychrophila* | 6A5 | KY940332 |  | OXT | *Shewanella putrefaciens*  | 25P3F1 | KY963435 |
| FCL | *Pseudomonas psychrophila* | 4G7 | KY940333 |  | OXT | *Shewanella putrefaciens*  | 15P3A4 | KY963426 |
| FCL | *Pseudomonas sp* | 6H3 |  MH000214 |  | OXT | *Kluyvera intermedia*  | 15P2D11 | KY963427 |
| FCL | *Pseudomonas sp* | 4D7 |  KY940336 |  | OXT | *Kluyvera intermedia*  | 15P2G8 | KY963428 |
| FCL | *Serratia sp* | 6D3 | KY940330 |  | OXT | *Psychrobacter nivimaris*  | 15P2H7 | KY963429 |
|  |  |  |  |  |  | OXT | *Pseudomonas baetica*  | 25P2F9 | KY963434 |
|  |  |  |  |  |  | OXT | *Pseudomonas fragi*  | 25P2F4 | KY963436 |
|  |  |  |  |  |  | OXT | *Aeromonas salmonicida* | 30PB8 | KY963439 |