

|  | 2           | 3           | 4    | 5    | 6    | 7    | 8    | 9           | 10          | 11          | 12          | 13   | 14   | 15   | 16   | 17   | 18   | 19   | 20   | 21   | 22   | 23   | 24   | 25 |  |
|--|-------------|-------------|------|------|------|------|------|-------------|-------------|-------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|----|--|
| 2 <i>C. maritima</i> _NBRC_32117_(JN941654)                    |             |             |      |      |      |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 3 <i>C. mediterranea</i> _MUT_5040_(MW584967)                  | <b>0.00</b> |             |      |      |      |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 4 <i>C. mediterranea</i> _MUT_5048_(MW584968)                  | <b>0.00</b> | <b>0.00</b> |      |      |      |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 5 <i>C. quinqueseptata</i> _NBRC_32115_(JN941647)              | 0.02        | 0.02        | 0.02 |      |      |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 6 <i>C. quinqueseptata</i> _NBRC_32114_(JN941648)              | 0.02        | 0.02        | 0.02 | 0.00 |      |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 7 <i>C. intermedia</i> _NBRC_104402                            | 0.01        | 0.01        | 0.01 | 0.01 | 0.01 |      |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 8 <i>Corollosporopsis</i> _sp._3_NBRC_32118_(JN941653)         | 0.03        | 0.03        | 0.03 | 0.03 | 0.03 | 0.02 |      |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 9 pNGenus_D_NBRC_32125_(JN941666)                              | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 |             |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 10 pNGenus_D_NBRC_32126_(JN941665)                             | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00        |             |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 11 <i>Shirahamella gracilis</i> _NBRC_32111_(JN941659)         | 0.01        | 0.02        | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01        | 0.01        |             |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 12 <i>Shirahamella gracilis</i> _NBRC_32110_(JN941660)         | 0.01        | 0.02        | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01        | 0.01        | 0.00        |             |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 13 <i>Ajigaurospora pseudopulchella</i> _NBRC_32113_(JN941651) | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | <b>0.00</b> | <b>0.00</b> | 0.01        | 0.01        |      |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 14 <i>Ajigaurospora pseudopulchella</i> _NBRC_32112_(JN941652) | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | <b>0.00</b> | <b>0.00</b> | 0.01        | 0.01        | 0.00 |      |      |      |      |      |      |      |      |      |      |      |    |  |
| 15 <i>Garethelia parvula</i> _IFO32159_(DQ104806)              | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01        | 0.01        | <b>0.00</b> | <b>0.00</b> | 0.01 | 0.01 |      |      |      |      |      |      |      |      |      |      |    |  |
| 16 <i>Paracorollospora angusta</i> _NBRC_32101_(JN941668)      | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.01        | 0.01        | 0.01        | 0.01        | 0.01 | 0.01 | 0.01 |      |      |      |      |      |      |      |      |      |    |  |
| 17 <i>Paracorollospora angusta</i> _NBRC_32102_(JN941667)      | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.01        | 0.01        | 0.01        | 0.01        | 0.01 | 0.01 | 0.01 | 0.00 |      |      |      |      |      |      |      |      |    |  |
| 18 <i>Paracorollospora luteola</i> _NBRC_31316_(JN941655)      | 0.02        | 0.03        | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01        | 0.01        | 0.01        | 0.01        | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |      |      |      |      |      |      |      |    |  |
| 19 <i>Paracorollospora luteola</i> _NBRC_31315_(JN941656)      | 0.02        | 0.03        | 0.03 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01        | 0.01        | 0.01        | 0.01        | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |      |      |      |      |    |  |
| 20 <i>Keraliethelia pulchella</i> _NBRC_32123_(JN941650)       | 0.03        | 0.03        | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02        | 0.02        | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |      |      |      |    |  |
| 21 <i>Honshuriella fusca</i> _NBRC_32107_(JN941662)            | 0.03        | 0.03        | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02        | 0.02        | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |      |      |    |  |
| 22 pNGenus_B_NBRC_32105_(JN941663)                             | 0.03        | 0.03        | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | 0.01        | 0.01        | 0.02        | 0.02        | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 |      |    |  |
| 23 pNGenus_E_NBRC_32121_(JN941658)                             | 0.02        | 0.03        | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02        | 0.02        | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |      |    |  |
| 24 pNGenus_E_NBRC_32122_(JN941657)                             | 0.02        | 0.03        | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02        | 0.02        | 0.02        | 0.02        | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 |    |  |
| 25 <i>Cucullosporella mangrovei</i> _NTOU3744_(KX686771)       | 0.04        | 0.04        | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03        | 0.03        | 0.03        | 0.03        | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 |    |  |

This analysis involved 24 nucleotide sequences of the 18S gene.  
There were a total of 839 positions in the final dataset.

**p-distance thresholds:**

same species: 0%  
same genus: 0–2%  
between genera: ≥1%. Exceptions: 0% (*Shirahamella* and *Garethelia*; *Ajigaurospora* and pNGenus D)  
to the outgroup: 3–4%  
between the species of new genera and *C. maritima*: 1–3%