

**Table S5.** Genetic distance (%) under the Tamura-Nei model between species for 28S (below diagonal) and for ITS2 (above diagonal). Diagonal values represent the genetic distance within species (in parenthesis the ITS2 distances). n.a.: not available.

|    | Species               | 1                      | 2                   | 3            | 4            | 5                      | 6                      | 7                   | 8                   | 9            | 10                  | 11                     | 12                  | 13                     | 14                  | 15                  |
|----|-----------------------|------------------------|---------------------|--------------|--------------|------------------------|------------------------|---------------------|---------------------|--------------|---------------------|------------------------|---------------------|------------------------|---------------------|---------------------|
| 1  | <i>S. minuta</i>      | <b>n.a.<br/>(n.a.)</b> | n.a.                | n.a.         | n.a.         | n.a.                   | n.a.                   | n.a.                | n.a.                | n.a.         | n.a.                | n.a.                   | n.a.                | n.a.                   | n.a.                | n.a.                |
| 2  | <i>P. papatasi</i>    | 9.87                   | <b>0.25<br/>(0)</b> | 6.94         | 10.83        | 11.14                  | 26.83                  | 20.50               | 20.77               | 17.16        | 23.79               | 23.61                  | 27.48               | 22.45                  | 25.40               | n.a.                |
| 3  | <i>P. alexandri</i>   | 8.42                   | 2.95                | <b>0 (0)</b> | 6.99         | 8.93                   | 32.62                  | 27.31               | 27.53               | 23.62        | 28.49               | 28.31                  | 29.98               | 27.11                  | 30.26               | n.a.                |
| 4  | <i>P. similis</i>     | 9.04                   | 2.57                | 3.48         | <b>0 (0)</b> | 1.94                   | 27.07                  | 23.53               | 25.89               | 22.24        | 29.76               | 29.58                  | 32.47               | 27.08                  | 30.21               | n.a.                |
| 5  | <i>P. sergenti</i>    | 8.72                   | 3.07                | 4.06         | 0.73         | <b>0.19<br/>(1.29)</b> | 26.97                  | 23.70               | 25.92               | 22.15        | 30.20               | 30.02                  | 32.80               | 27.25                  | 30.39               | n.a.                |
| 6  | <i>P. killicki</i>    | 11.48                  | 9.08                | 9.71         | 9.09         | 9.65                   | <b>n.a.<br/>(n.a.)</b> | 12.04               | 10.80               | 10.91        | 22.33               | 22.42                  | 27.55               | 20.31                  | 22.01               | n.a.                |
| 7  | <i>P. simici</i>      | 11.51                  | 9.09                | 9.74         | 9.24         | 9.35                   | 1.57                   | <b>0.08<br/>(0)</b> | 6.14                | 6.25         | 17.85               | 20.01                  | 23.89               | 16.97                  | 20.97               | n.a.                |
| 8  | <i>P. halepensis</i>  | 11.47                  | 9.07                | 9.70         | 9.08         | 9.20                   | 0.76                   | 1.18                | <b>n.a.<br/>(0)</b> | 3.46         | 17.78               | 19.99                  | 21.54               | 17.85                  | 20.55               | n.a.                |
| 9  | <i>P. creticus</i>    | 11.92                  | 9.30                | 9.92         | 9.08         | 9.63                   | 1.54                   | 1.49                | 1.14                | <b>0 (0)</b> | 20.28               | 20.13                  | 22.67               | 15.77                  | 18.38               | n.a.                |
| 10 | <i>P. perfiliewi</i>  | 12.26                  | 8.87                | 9.15         | 8.97         | 9.60                   | 4.90                   | 5.34                | 4.90                | 5.10         | <b>0.13<br/>(0)</b> | 3.47                   | 6.44                | 7.89                   | 10.38               | n.a.                |
| 11 | <i>P. perniciosus</i> | n.a.                   | n.a.                | n.a.         | n.a.         | n.a.                   | n.a.                   | n.a.                | n.a.                | n.a.         | n.a.                | <b>n.a.<br/>(n.a.)</b> | 4.63                | 7.86                   | 9.38                | n.a.                |
| 12 | <i>P. tobbi</i>       | 13.11                  | 8.86                | 9.29         | 8.25         | 8.44                   | 5.52                   | 5.13                | 5.10                | 5.72         | 1.40                | n.a.                   | <b>0<br/>(0.67)</b> | 10.14                  | 12.70               | n.a.                |
| 13 | <i>P. syriacus</i>    | n.a.                   | n.a.                | n.a.         | n.a.         | n.a.                   | n.a.                   | n.a.                | n.a.                | n.a.         | n.a.                | n.a.                   | n.a.                | <b>n.a.<br/>(n.a.)</b> | 3.47                | n.a.                |
| 14 | <i>P. neglectus</i>   | 11.28                  | 9.49                | 9.26         | 9.30         | 9.92                   | 5.90                   | 6.79                | 6.11                | 6.34         | 4.74                | n.a.                   | 5.28                | n.a.                   | <b>0<br/>(0.85)</b> | n.a.                |
| 15 | <i>P. cf. major</i>   | 11.49                  | 9.06                | 8.83         | 8.86         | 9.49                   | 5.50                   | 5.96                | 5.70                | 5.51         | 3.93                | n.a.                   | 4.47                | n.a.                   | 1.91                | <b>0<br/>(n.a.)</b> |