**Table S3.** Estimation of pairwise genetic distances (%) between 17 species/strains in the Fasciolidae inferred from the comparison of nucleotide 28S rDNA sequences (portion of D1 - D3 domains)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Species** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** |
| 1 | Fgig-T4V |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 | Fgig-NB (VN) | 0.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | Fgig (TH) | 0.19 | 0.19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 | Fgig (SN) | 0.29 | 0.29 | 0.48 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 | Fgig (KE) | 0.10 | 0.10 | 0.29 | 0.19 |  |  |  |  |  |  |  |  |  |  |  |  |
| 6 | Fhep-GL (AU) | 0.29 | 0.29 | 0.10 | **0.57** | 0.38 |  |  |  |  |  |  |  |  |  |  |  |
| 7 | Fhep (EG) | 0.29 | 0.29 | 0.10 | **0.57** | 0.38 | 0.0 |  |  |  |  |  |  |  |  |  |  |
| 8 | Fhep (SA) | 0.29 | 029 | 0.10 | **0.57** | 0.38 | 0.0 | 0.0 |  |  |  |  |  |  |  |  |  |
| 9 | Fsp.-DL11 (VN) | 0.29 | 0.29 | 0.10 | **0.57** | 0.38 | 0.0 | 0.0 | 0.0 |  |  |  |  |  |  |  |  |
| 10 | Fjac-Madu (LK) | **2.32** | **2.32** | **2.32** | **2.62** | **2.42** | **2.23** | **2.23** | **2.23** | **2.23** |  |  |  |  |  |  |  |
| 11 | Fjac (LK) | **2.32** | **2.32** | **2.32** | **2.62** | **2.42** | **2.23** | **2.23** | **2.23** | **2.23** | 0.0 |  |  |  |  |  |  |
| 12 | Fbus-HT (VN) | 5.98 | 5.98 | 5.98 | 6.30 | 6.09 | 5.88 | 5.88 | 5.88 | 5.88 | 4.64 | 4.64 |  |  |  |  |  |
| 13 | Fbus-L2 (VN) | 6.09 | 6.09 | 6.09 | 6.41 | 6.19 | 5.99 | 5.99 | 5.99 | 5.99 | 4.75 | 4.75 | 0.10 |  |  |  |  |
| 14 | Fbus (VN) | 5.98 | 5.98 | 5.98 | 6.30 | 6.09 | 5.88 | 5.88 | 5.88 | 5.88 | 4.64 | 4.64 | 0.00 | 0.10 |  |  |  |
| 15 | Fbus-Megha (IN) | 6.10 | 6.10 | 6.10 | **6.42** | 6.20 | 6.00 | 6.00 | 6.00 | 6.00 | 4.96 | 4.96 | 2.92 | 3.02 | 2.92 |  |  |
| 16 | Fmag (US) | **2.33** | **2.33** | **2.33** | **2.63** | **2.42** | **2.23** | **2.23** | **2.23** | **2.23** | **2.23** | **2.23** | 5.88 | 5.98 | 5.88 | 5.89 |  |
| 17 | Fmag-Okti (US) | **2.23** | **2.23** | **2.23** | **2.52** | **2.32** | **2.13** | **2.13** | **2.13** | **2.13** | **2.13** | **2.13** | 5.77 | 5.88 | 5.77 | 5.78 | 0.10 |

Note: Information and abbreviations of sequences/strains and species are given in **Table S2**. Bold numbers indicate intraspecific genetic distance within *Fasciola* group, and interspecific rate between *Fascioloides jacksoni* and *Fascioloides magna* specimens, respectively (see Text for details).