**Supplementary Table S2.** Amino acid identity percentages among the other related fluke proteins reported in the NCBI and UniProtKB

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Cs | Of | Ph | Pw | Fh | Sh | Sj | Sm | Hs |
| Cs |  | 93.7 | 66.3 | 66.2 | 64.0 | 60.5 | 60.3 | 61.3 | 40.9 |
| Of |  |  | 66.6 | 66.5 | 64.8 | 61.0 | 59.9 | 60.9 | 41.1 |
| Ph |  |  |  | 93.6 | 65.9 | 62.3 | 61.3 | 61.8 | 40.6 |
| Pw |  |  |  |  | 65.6 | 61.8 | 61.0 | 61.3 | 40.5 |
| Fh |  |  |  |  |  | 61.6 | 59.6 | 60.3 | 41.8 |
| Sh |  |  |  |  |  |  | 76.0 | 76.1 | 38.9 |
| Sj |  |  |  |  |  |  |  | 92.0 | 38.7 |
| Sm |  |  |  |  |  |  |  |  | 39.4 |
| Hs |  |  |  |  |  |  |  |  |  |

Cs, *Clonorchis sinensis* (GAA29481); Of, *Opisthorchis felineus* (TGZ63160); Ph, *Paragonimus heterotremus* (KAF5405469); Pw, *Paragonimus westermani* (KAF8563108); Fh, *Fasciola hepatica* (THD23603); Sh, *Schistosoma haematobium* (XP\_035585913); Sj, *Schistosoma japonicum* (TNN07223); Sm, *Schistosoma mekongi* (KAK4475557); Hs, *Homo sapiens* (AAC41720).