Table S4: List of GenBank-retrieved sequences that were used to construct phylogenetic trees in this study

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Gene**  | **Species** | **Host**  | **Country**  | **Accession no. in GenBank**  |
| *ITS2* | *T. vitulorum* | Buffalo | India  | MK100346.1 |
| *T. vitulorum* | Buffalo | Egypt | MG214152.1 |
| *T. vitulorum* | Buffalo | India | KJ777159.1 |
| *T. vitulorum* | Buffalo | USA | FJ418784.1 |
| *T. vitulorum* | Buffalo | Canada | JQ083352.1 |
| *T. vitulorum* | Buffalo | Egypt | MG214151.1 |
| *T. vitulorum* | Buffalo | Germany | KY442062.1 |
| *T. cati*  | Cat | Sri Lanka | AJ002440.1 |
| *T. cati*  | Cat | India | OK668294.1  |
| *T. cati*  | Cat | China | KY003088.1 |
| *T. cati*  | Cat | India | KJ777179.1 |
| *T. cati*  | Cat | Japan  | AB571303.1 |
| *T. cati*  | Cat | Japan | AB110033.1 |
| *T. cati*  | Cat | Italy  | MZ596341.1 |
| *T. canis*  | Dog  | Egypt  | MG214150.1 |
| *T. canis*  | Dog  | India  | OK635791.1 |
| *T. canis*  | Dog  | Sri Lanka | FJ418788.1 |
| *T. canis*  | Dog  | Iran | AB743615.1 |
| *COX1* | *T. vitulorum* | Buffalo  | Sri Lanka | AJ920062.1 |
| *T. vitulorum* | Buffalo  | Turkey | MG911730.1 |
| *T. vitulorum* | Buffalo  | Germany  | KY313642.1 |
| *T. leonina* | DOG/CAT | China  | OM867288.1 |
| *T. leonina* | DOG/CAT | China  | OM867287.1 |
| *T. leonina* | DOG/CAT | China  | OM867289.1 |
| *T. leonina* | DOG/CAT | China  | 0M867286.1 |
| *Ascaris suum* | Swine | Japan | AB591803.1 |
| *Ascaris suum* | Swine | Brazil | MK143378.1 |
| *Ascaris suum* | Swine | USA | MH795157.1 |
| *Ascaris lumbricoides* | Human | Denmark | KY368764.1 |
| *Ascaris lumbricoides* | Human | Japan | AB591798.1 |
| *T. malaysiensis* | Cat | Malaysia | AJ920059.1 |
| *T. cati*  | Cat  | Russia | MW652541.1 |
| *T. cati*  | Cat  | Iran  | KC200199.1 |
| *T. cati*  | Cat | Iran | MT942617.1 |
| *NAD1* | *T. vitulorum* | Buffalo | Japan | FJ664617.1 |
| *T. vitulorum* | Buffalo | Sri Lanka | AJ937266.1 |
| *T. vitulorum* | Buffalo | China  | KY825180.1 |
| *T. vitulorum* | Buffalo | China | KY825181.1 |
| *Ascaridia gali*  | Chicken  | China  | KT613885.1 |
| *T. canis* | Dog | China  | KT613887.1 |
| *T. canis* | Dog | Iran  | KC293917.1 |
| *T. canis* | Dog | Australia | AJ920383.1 |
| *T. canis* | Dog | Australia | AJ920385.1 |
| *T. canis* | Dog | Iran  | MK913429.1 |
| *T. canis* | Dog | Iran  | MK913430.1 |
| *T. canis* | Dog | Iran | MW129961.1 |
| *T. canis* | Dog | Iran | MW129962.1 |
| *T. cati* | Cat | China  | JF833958.1 |
| *T. cati* | Cat | China | MK318070.1 |
| *Ascaris lumbricoides* | Human | Denmark  | KY045802.1 |
| *Ascaris suum* | Pig | Thailand | MW018477.1 |