**Table S1** GenBank sequences of *Trichuris muris* and *Trichuris arvicolae* used in this study

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Species** | **Region** | **Host species** | **Country** | **Accession number** |
| ***Trichuris muris*** | ***cox1*** | *Mus musculus* | Japan | LC506580 |
|  |  | *Mus musculus* | Spain | HE653133 |
|  |  | *Mus musculus* | Spain | KU575068 |
|  |  | *Mus musculus* | Czech Republic | KU575084 |
|  |  | *Mus musculus* | Germany | KU575072 |
|  |  | *Mus musculus* | Mexico | MZ675607 |
|  |  | *Mus musculus* | Mexico | MZ675608 |
|  |  | *Apodemus* sp. | Czech Republic | KU575066 |
|  |  | *Apodemus* sp. | Germany | KU575065 |
|  |  | *Apodemus* sp. | France | KU575067 |
|  |  | *Rattus rattus* | France | KU575069 |
|  |  | *Rattus rattus* | India | LC625849 |
|  | **ITS2** | *Mus musculus* | Germany | KU575089 |
|  |  | *Mus musculus* | Spain | FN543201 |
|  |  | *Mus musculus* | Czech Republic | KU575091 |
|  |  | *Mus musculus* | Denmark | FN543184 |
|  |  | *Mus musculus* | Mexico | MZ675603 |
|  |  | *Mus musculus* | Mexico | MZ675604 |
|  |  | *Apodemus sylvaticus* | Spain | FM955260 |
|  |  | *Apodemus sylvaticus* | Turkey | FM955259 |
|  |  | *Apodemus flavicollis* | Turkey | FM955262 |
|  |  | *Apodemus flavicollis* | Romania | FM955264 |
|  |  | *Apodemus flavicollis* | France | EU276017 |
|  |  | *Rattus rattus* | Eastern Pyrenees | FN543178 |
|  |  | *Rattus rattus* | Spain | FN543149 |
| ***Trichuris arvicolae*** | ***cox1*** | *Microtus arvalis* | Italy | FR851281 |
|  | **ITS2** | *Myodes glareolus* | Spain | FR849686 |