Table S2: Pairwise nucleotidic genetic distances (p-distance model) of the partial *COX1* sequences for *T. vitulorum* isolates in the present study with best hit scoring reference sequences of different countries retrieved from GenBank

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***COX1* sequences** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| BDBSTV01 |  - |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRPTV01 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRPTV04  | 0.01 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRPTV05 | 0.00 | 0.00 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDCGTV01 | 0.01 | 0.01 | 0.00 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDBSTV08 | 0.01 | 0.01 | 0.00 | 0.01 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRSTV05 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDCGTV02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRSTV02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDRSTV03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDBSTV05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDKLTV01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |   |
| BDKLTV08 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | -  |   |   |   |   |   |   |   |   |   |   |   |   |
| BDBSTV12 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |   |
| BDSLTV03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | -  |   |   |   |   |   |   |   |   |   |   |
| BDSLTV02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | -  |   |   |   |   |   |   |   |   |   |
| BDMSTV03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | -  |   |   |   |   |   |   |   |   |
| BDCGTV05 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | -  |   |   |   |   |   |   |   |
| BDKLTV02 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 |  - |   |   |   |   |   |   |
| BDKLTV06 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 |  - |   |   |   |   |   |
| BDMSTV01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | -  |   |   |   |   |
| BDSLTV04 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | -  |   |   |   |
| BDMSTV09 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -  |   |   |
| BDMSTV08 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -  |   |
| AJ937266.1 *T. vitulorum* Sri Lanka | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -  |

[Note: BD=Bangladesh, RP= Rangpur, RS=Rajshahi, CG=Chattogram, KL= Khulna, BS=Barishal, SL=Sylhet, MS=Mymensingh, TV=*Toxocara vitulorum*, the sur number was representative of isolate number]