Supplementary Table 2. Summary of *S. lupi* *cox*1 sequences used in the analysis .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Country of origin | Host | Internal code | Accession number |
| *S. lupi* | Mexico | Dog | Isolate\_Mx | OQ335962 |
|  | Peru | Andean fox | Isolate\_M1 | KY634869.1 |
|  | Peru | Andean fox | Isolate\_F1 | KY634868.1  |
|  | Peru | Andean fox | Isolate\_F2 | KY634870.1 |
|  | Costa Rica | Dog | Isolate\_CR1 | OQ335955 |
|  | Costa Rica | Dog | Isolate\_CR2 | OQ335956 |
|  | Costa Rica | Dog | Isolate\_CR3 | OQ335957 |
|  | Costa Rica | Dog | Isolate\_CR4 | OQ335958 |
|  | Costa Rica | Dog | Isolate\_CR5 | OQ335959 |
|  | Costa Rica | Dog | Isolate\_CR6 | OQ335960 |
|  | USA | Dog | Isolate\_Tx | OQ335961 |
|  | Israel | Dog | Specimen\_A | MH633995.1 |
|  | Israel | Dog | Specimen\_B | MH633996.1 |
|  | Israel | Dog | Specimen\_C | MH633997.1 |
|  | Israel | Dog | Specimen\_E | MH633998.1 |
|  | Israel | Dog | Specimen\_G | MH634000.1 |
|  | South Africa | Dog | Specimen\_I | MH634002 |
|  | South Africa | Dog | Specimen\_K | MH634004 |
|  | South Africa | Dog | Specimen\_L | MH634005.1 |
|  | India | Dog | Specimen\_M | MH634006.1 |
|  | India | Dog | Specimen\_N | MH634007.1 |
|  | India | Dog | Specimen\_O | MH634008.1 |
|  | India | Dog | Specimen\_P | MH634009.1 |
|  | India | Dog | Specimen\_Q | MH634010.1 |
|  | China | Dog | China | NC021135.1 |
|  | Hungary | Dog | Specimen\_AA | MH634011.1 |
|  | Hungary | Dog | Specimen\_CA | MH634012.1 |
| *S. vulpis* | Bosnia and Herzegovina | Red fox | Specimen\_FA | MH634014.1 |
|  | Spain | Red fox | Specimen\_S | MH633991. |
|  | Spain | Red fox | Specimen\_T | MH633992.1 |
|  | Spain | Red fox | Specimen\_U | MH633993.1 |
|  | Spain | Red fox | Specimen\_X | MH633994.1 |