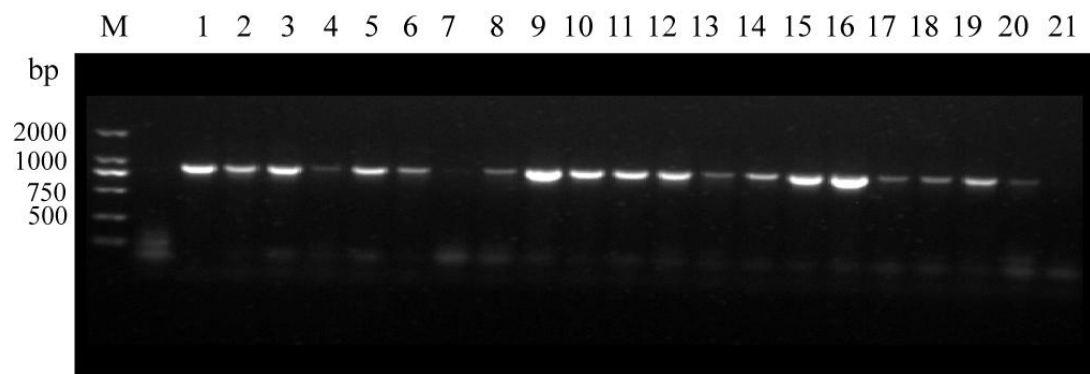




Supplementary Figure S1. PCR amplification fragments of *Echinococcus* species COX1 gene from human-derived cyst tissue DNA in Qinghai. M: DNA marker; 1–20: Cyst samples; 21: Negative control.

Supplementary Table S1. The GenBank accession numbers used in the phylogenetic tree in Figure 2 of this study

Haplotype/genotype/species	Host origin (number)	Accession number (COX1)	Reference
EgH1	Human (4)		This study
EgH2	Human (1)		This study
EgH3	Human (1)		This study
EgH4	Human (5)		This study
EgH5	Human (2)		This study
EgH6	Human (1)		This study
EgH7	Human (1)		This study
EgH8	Human (2)		This study
EgH9	Human (1)		This study
EgH10	Human (1)		This study
EgH11	Human (1)		This study
G1	Sheep	U50464	Okamoto et al.
G2	Sheep	M84662	Bowles et al.
G3	Buffalo	M84663	Bowles et al.
G4	Horse	M84664	Bowles et al.
G5	Cattle	M84665	Bowles et al.
G6	Camel	M84666	Bowles et al.
G7	Pig	M84667	Bowles et al.
G8	Moose	AB235848	Nakao et al.

G10	Reindeer	AF525457	Lavikainen et al.
<i>Taenia solium</i>	Pig	AF360871	Hancock et al.
<i>Taenia saginata</i>	Human	KJ910290	Kia et al.
<i>E. oligarthrus</i>	Puma	MK946946	Schwantes et al.
<i>E. vogeli</i>	Dog	JX315616	do Carmo Pereira Soares et al.
<i>E. multilocularis</i>	Canis lupus	MN732837	Guyen et al.
<i>E.shiquicus</i>	Fox	KC513731	Kai et al.
<i>E.canadensis</i>	Deer	AF525457	Lavikainen et al.
