

Table S4. GenBank accession numbers of all *bg* gene sequences of *G. duodenalis* used for phylogenetic analysis (Figure 4), and associated information.

GenBank ID	Genotype	Origin	Country	Assemblage
JX978265	E	Goat	Brazil	Assemblage E
EU189361	E	Goat	Spain	Assemblage E
MK452880	E	Sheep	Greece	Assemblage E
MK573338	E	Tibetan cattle	China	Assemblage E
MK573342	E	Tibetan sheep	China	Assemblage E
KY769091	E	Cattle	China	Assemblage E
MK610390	E1	Tan sheep	China	Assemblage E
KY432834	E12	Cattle	China	Assemblage E
AY647264	F	Cat	Italy	Assemblage F
JX275388	F	Cat	China	Assemblage F
KP687765	AI	Human	Canada	Assemblage A
KM926506	AI	Foal	Belgium	Assemblage A
FJ560591	AI	Human	France	Assemblage A
EU769221	G	<i>Rattusnorvegicus</i>	Sweden	Assemblage G
MF169196	B	Horse	China	Assemblage B
MG736251	B	Human	China	Assemblage B
KY979500	D	Dog	China	Assemblage D
AY545647	D	Dog	Italy	Assemblage D
MN044596	C	Dog	China	Assemblage C
KY979502	C	Dog	China	Assemblage C
LC437432	C	Dog	Japan	Assemblage C
MT713338	not available	Mouse	USA	Outgroup