

Supplementary Table 1. Reference sequences for each *Blastocystis* subtype included in the alignment used to conduct phylogenetic analysis with their GenBank accession number, host, and location.

Subtype	GenBank Accession Number	Host	Location
ST-1	U51151	Human	USA
	HQ641595	Human	Colombia
	AB070989	Human	Japan
ST-2	AB070997	Primate	Japan
	HQ641605	Human	Colombia
	AB070987	Human	Japan
ST-3	AB091234	Human	Japan
	HQ641613	Human	Colombia
	AB107963	Pig	Japan
ST-4	HQ641621	Human	USA
	AY244620	Human	Germany
	EU679347	Human	USA
ST-5	AB070998	Pig	Japan
	KF410597	Pig	USA
	AB107966	Cattle	Japan
ST-6	AY135411	Turkey	France
	HQ641658	Chicken	Spain
	AB107972	Partridge	Japan
	AB070990	Human	Japan
ST-7	AY590109	Human	France
	AF408427	Human	Singapore
	HQ641661	Chicken	Spain
	HQ641660	Chicken	Spain
	AY135409	Chicken	France
	AY135410	Chicken	France
	KX523972	Human	Brazil
	MG720557	Chicken	India
	AY135412	Duck	France
	AB070991	Human	Japan
	AY590107	Human	Singapore
	AB091245	Quail	Japan
	KF447157	Human	Singapore
	AB070996	Quail	Japan
ST-8	AB107971	Pheasant	Japan
	AB107970	Primate	Japan
ST-9	AF408425	Human	Japan
	KC138681	Human	Denmark
	AF408426	Human	Japan

Subtype	GenBank Accession Number	Host	Location
ST-10	HQ641629	Cattle	USA
	MH634455	Cattle	USA
	KC148207	Camel	Libya
ST-11	GU256900	Elephant	Australia
	GU256901	Elephant	Australia
	MK244926	Cattle	USA
ST-12	GU256936	Kangaroo	Australia
	GU256902	Giraffe	Australia
	GU256905	Giraffe	Australia
ST-13	GU256934	Quokka	Australia
	GU256935	Quokka	Australia
	KC148209	Mouse deer	UK
ST-14	MK634456	Cattle	USA
	KC148205	Cattle	Libya
	JQ996370	Cattle	USA
ST-15	KC148210	Camel	Libya
	KC148211	Gibbon	not available
ST-16	EU427512	kangaroo	Japan
	EU427514	kangaroo	Japan
ST-17	KC148208	Gundi	Libya
	MK244933	Cattle	USA
	MH634459	Cattle	USA
ST-21	MK244935	Cattle	USA
ST-23	MK244936	Cattle	USA
	MH634464	Cattle	USA
	MH634463	Cattle	USA
ST-24	MK244942	Cattle	USA
	MH634468	Cattle	USA
	MH634469	Cattle	USA
ST-25	MK244944	Cattle	USA
	MH634470	Cattle	USA
	MK244943	Cattle	USA
ST-26	MK244953	Cattle	USA
	MH634474	Cattle	USA
	MK244951	Cattle	USA