

Table 1 The strains of *T. evansi*, *T. brucei* and *T. equiperdum* used in this study.

Stock	Species	Host origin	Geographical origin	Year of isolation	Haplotype Number	ITS data sources
STIB 815	<i>T. evansi</i>	Horse	China, Guangdong	1964	H_6	KU552349
STIB 807	<i>T. evansi</i>	Water buffalo	China Guangdong	1979	H_17	KU552344
STIB 817	<i>T. evansi</i>	Mule	China, Guangdong	1964	H_8	KU552351
STIB 810	<i>T. evansi</i>	Water buffalo	China, Zhejiang	1985	H_2	KU552346
STIB 812	<i>T. evansi</i>	Water buffalo	China, Yunnan	1987	H_7	KU552348
STIB 816	<i>T. evansi</i>	Camel	China, Xinjiang	1978	H_9	KU552350
STIB 811	<i>T. evansi</i>	Water buffalo	China, Hunan	1982	H_4	KU552347
STIB 780	<i>T. evansi</i>	Camel	Kenya	1982	H_5	KU552341
STIB 821	<i>T. evansi</i>	unknown	unknown	unknown	H_10	KU552353
CPO GZ	<i>T. evansi</i>	Water buffalo	China, Guangdong	2005	H_16	KU552357
STIB 808	<i>T. evansi</i>	Water buffalo	China, Jiangsu	1985	H_1	KU552345
STIB 804	<i>T. evansi</i>	Water buffalo	China, Guangdong	1981	H_15	KU552343
STIB 942	<i>T. brucei</i>	unknown	unknown	unknown	H_25	KU552356
STIB 920	<i>T. brucei</i>	Hartebeest	Tanzania	1971	H_23	KU552355
STIB 777	<i>T. brucei</i>	Tsete fly	Uganda	1971	H_24	KU552340
STIB 818	<i>T. equiperdum</i>	Horse	China, Beijing	1979	H_18	KU552352
STIB 841	<i>T. equiperdum</i>	unknown	South Africa	unknown	H_20	KU552354
STIB 784	<i>T. equiperdum</i>	unknown	unknown	unknown	H_3	KU552342
Guangxi	<i>T. evansi</i>	Water buffalo	China, Guangxi	unknown	H_22	FJ416612
Hubei	<i>T. evansi</i>	Water buffalo	China, Hubei	unknown	H_11	FJ416613
NW2	<i>T. brucei</i>	Human	Uganda	1992	H_12	AF306776
Lister 427	<i>T. brucei</i>	Buffalo	Tanzania	1956	H_19	Eupathdb
DAL972	<i>T. brucei</i>	Human	Daloa, Ivory Coast	1978	H_13	Eupathdb
TREU927	<i>T. brucei</i>	Tsetse	Kenya	1970	H_21	Eupathdb
STIB 805	<i>T. evansi</i>	Water buffalo	China, Jiangsu	1985	H_14	Eupathdb