



University of  
**Salford**  
MANCHESTER

# Further evidence from SSCP and ITS DNA sequencing support *Trypanosoma evansi* and *Trypanosoma equiperdum* as subspecies or even strains of *Trypanosoma brucei*

Wen, Y, Lun, Z, Zhu, X, Hide, G and Lai, D  
<http://dx.doi.org/10.1016/j.meegid.2016.03.022>

<b>Title</b>	Further evidence from SSCP and ITS DNA sequencing support <i>Trypanosoma evansi</i> and <i>Trypanosoma equiperdum</i> as subspecies or even strains of <i>Trypanosoma brucei</i>
<b>Authors</b>	Wen, Y, Lun, Z, Zhu, X, Hide, G and Lai, D
<b>Publication title</b>	Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases
<b>Publisher</b>	Elsevier
<b>Type</b>	Article
<b>USIR URL</b>	This version is available at: <a href="http://usir.salford.ac.uk/id/eprint/38638/">http://usir.salford.ac.uk/id/eprint/38638/</a>
<b>Published Date</b>	2016

USIR is a digital collection of the research output of the University of Salford. Where copyright permits, full text material held in the repository is made freely available online and can be read, downloaded and copied for non-commercial private study or research purposes. Please check the manuscript for any further copyright restrictions.

For more information, including our policy and submission procedure, please contact the Repository Team at: [library-research@salford.ac.uk](mailto:library-research@salford.ac.uk).

**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