

S5 Table Species, strains and protein acessions included in t

Species	Strain
<i>Drosophila melanogaster</i>	Release 6 ISO1
<i>Caenorhabditis elegans</i>	Bristol
<i>Batrachochytrium dendrobatidis</i>	JAM
<i>Aspergillus nidulans</i>	FGS
<i>Saccharomyces cerevisiae</i>	ATCC 204508/S2
<i>Schizosaccharomices pombe</i>	972/ATCC 24
<i>Leishmania braziliensis</i>	MHOM/BR/75/M2904
<i>Leishmania donovani</i>	BPK28A1
<i>Leishmania infantum</i>	JPCM5
<i>Leishmania major</i>	Friedlin
<i>Leishmania mexicana</i>	MHOM/GT/2001/U1103
<i>Leishmania tarentolae</i>	Parrot-Tarll
<i>Leptomonas pyrrhocoris</i>	H10
<i>Trypanosoma brucei</i>	TREU927
<i>Trypanosoma vivax</i>	Y486
<i>Trypanosoma congolense</i>	IL3000
<i>Trypanosoma evansi</i>	STIB805
<i>Trypanosoma cruzi</i> Sylvo	X10/1
<i>Trypanosoma grayi</i>	ANR4
<i>Trypanosoma rangeli</i>	SC58

ued in the phylogenetic analyses

Protein	Uniprot ID
ALDH1A1	P00352
ALDH1A2	O94788
ALDH1A3	P47895
ALDH1B1	P30837
ALDH1L1	O75891
ALDH1L2	Q3SY69
ALDH2	P05091
ALDH3A1	P30838
ALDH3A2	P51648
ALDH3B1	P43353
ALDH3B2	P48448
ALDH4A1	P30038
ALDH5A1	P51649
ALDH6A1	Q02252
ALDH7A1	P49419
ALDH8A1	Q9H2A2
ALDH9A1	P49189
ALDH16A	Q8IZ83
ALDH18A1	P54886