

## Supplementary Table 2.

Procyclic enriched transcripts containing the element UAG(G)UA(G/U).

LOCATION	GeneDB identifier	start	stop	motif	Protein ID
MITO	Tb927.3.1410	87	93	TAGTAG	cytochrome c oxidase VII, putative
MITO	Tb927.3.1410	96	102	TAGTAG	cytochrome c oxidase VII, putative
MITO	Tb10.6k15.2180	279	286	TAGGTAT	cytochrome c oxidase subunit IX
MITO	Tb11.01.4702	103	110	TAGGTAG	cytochrome c oxidase subunit X, putative
MITO	Tb11.01.4702	159	165	TAGTAG	cytochrome c oxidase subunit X, putative
MITO	Tb927.4.4620	112	118	TAGTAG	cytochrome c oxidase VIII (COX VIII), putative
MITO	Tb927.4.4620	153	160	TAGGTAG	cytochrome c oxidase VIII (COX VIII), putative
MITO	Tb927.7.7420	64	71	TAGGTAT	mitochondrial precursor,ATP synthase F1, alpha subunit
	Tb09.244.2470	96	102	TAGTAT	BARP protein
	Tb09.244.2460	96	102	TAGTAT	BARP protein
	Tb09.244.2480	96	102	TAGTAT	BARP protein
MITO	Tb927.8.1890	48	55	TAGGTAT	cytochrome c1, heme protein, mitochondrial precursor
MITO	Tb10.61.1830	252	258	TAGTAG	mitochondrial carrier protein, putative,ADP/ATP translocase 1, putative
MITO	Tb10.100.0160	21	27	TAGTAG	cytochrome C oxidase subunit VI, putative
MITO	Tb10.100.0160	85	91	TAGTAT	cytochrome C oxidase subunit VI, putative
	Tb927.3.5340	145	151	TAGTAG	Hsc70-interacting protein (Hip), putative
	Tb927.6.3490	91	97	TAGTAG	zinc finger protein ZFP1
MITO	Tb09.211.4700	232	238	TAGTAG	reiske iron-sulfur protein , mitochondrial precursor
	Tb927.2.2510	166	173	TAGGTAT	hypothetical protein, conserved
	Tb927.7.5940	248	254	TAGTAG	hypothetical protein, conserved
	Tb09.160.1100	260	266	TAGTAG	hypothetical protein, conserved
	Tb927.5.2200	130	136	TAGTAT	hypothetical protein, conserved
MITO	Tb927.4.3450	15	21	TAGTAG	hypothetical protein, conserved
	Tb927.4.5080	257	263	TAGTAT	hypothetical protein, conserved
MITO?	Tb927.8.6890	81	87	TAGTAT	hypothetical protein, conserved
	Tb927.8.6890	90	96	TAGTAT	hypothetical protein, conserved
	Tb927.8.6890	105	112	TAGGTAT	hypothetical protein, conserved
MITO	Tb10.70.1520	10	16	TAGTAG	hypothetical protein, conserved
	Tb10.70.1520	96	102	TAGTAT	hypothetical protein, conserved
MITO	Tb927.3.1690	1	7	TAGTAG	hypothetical protein, conserved
	Tb10.70.2320	233	239	TAGTAT	hypothetical protein, conserved
MITO	Tb10.70.3010	262	268	TAGTAT	hypothetical protein, conserved
	Tb10.70.7760	79	85	TAGTAG	hypothetical protein, conserved
	Tb09.160.4390	146	152	TAGTAT	hypothetical protein, unlikely
	Tb10.70.0010	206	212	TAGTAG	hypothetical protein, conserved
	Tb927.5.2560	189	195	TAGTAG	hypothetical protein, conserved
	Tb927.3.2880	234	241	TAGGTAG	hypothetical protein, conserved
MITO	Tb927.3.700	42	48	TAGTAG	hypothetical protein, conserved
MITO	Tb927.5.2170	130	136	TAGTAT	hypothetical protein, conserved
MITO	Tb927.4.720	102	109	TAGGTAG	hypothetical protein, conserved
	Tb927.4.720	269	276	TAGGTAG	hypothetical protein, conserved
MITO	Tb11.01.3860	112	118	TAGTAT	hypothetical protein, conserved