

**Table S9. Correspondence of *P. falciparum* and *C. elegans* mt rRNAs.**

SSU						3'LSU		
helix <sup>a</sup>	<i>P. falciparum</i> <sup>b</sup>	<i>C. elegans</i> <sup>b</sup>				helix <sup>a</sup>	<i>P. falciparum</i> <sup>b</sup>	<i>C. elegans</i> <sup>b</sup>
9	<i>missing</i>	present	1399	SSUE:SSUF; short	present; short	1648	RNA3:LSUE	missing
17	<i>missing</i>	present	1506	SSUF	present	1764	LSUD:LSUE	present
27	RNA14:SSUA	present	<b>5' LSU</b>			1775	LSUD	present
39	RNA14	present	<b>helix<sup>a</sup></b>	<b><i>P. falciparum</i><sup>b</sup></b>	<b><i>C. elegans</i><sup>b</sup></b>	1782	LSUD	present
122	RNA12	<i>missing</i>	563	<i>missing</i>	present	1792	LSUD	present; short
240	RNA12	<i>missing</i>	579	LSUA:RNA1	present	1830	LSUD:LSUE	present
289	RNA17	<i>missing</i>	589	LSUA; short	present; short	1835	LSUD:LSUE; short	present; short
500	SSUA	present	671	LSUA	present	1906	LSUE	present
505	SSUA	present	687	LSUA	present	1925	LSUE	present
511	SSUA	present	700	LSUA: <i>short</i>	<i>missing</i>	1935	LSUE	present
567	SSUA:SSUB	present	736	LSUA	present	2023	LSUE	present
575	SSUA:SSUB	present	777	LSUA	present	2043	LSUE:LSUG	present
577	SSUA:RNA8	present	812	LSUA	present	2064	LSUE:LSUF	present
655	<i>missing</i>	present; short	822	LSUA	missing	2077	LSUE:RNA13	present
673	<i>missing</i>	present	946	RNA2	<i>missing</i>	2246	RNA13	present
722	<i>missing</i>	present	976	RNA2	<i>missing</i>	2455	LSUF	present
769	RNA8	present	991	RNA2:RNA11	<i>unstructured</i>	2507	LSUF:LSUG	present
821	RNA8:SSUB	<i>missing</i>	1030	missing	present, short	2520	LSUF:LSUG	present
885	SSUB	present	1057	LSUB	present	2547	LSUG	present
921	SSUB:SSUE	present	1082	LSUB:LSUC	<i>missing</i>	2588	LSUG	present
939	SSUB:SSUD	present	1087	LSUC	present	2646	RNA10	present
944	SSUB:RNA9	present	1164	RNA11	<i>missing</i>	2675	RNA10/RNA18:RNA6	present; <i>short</i>
960	SSUB	present	1196	RNA11:RNA1, short	present; short	2735	RNA6	present
984	SSUB:RNA9	present	1262	RNA1:LSUE	present			
1047	RNA19:RNA9; <i>short</i>	present	1276	RNA1	missing			
1068	missing	present	1295	RNA1:RNA3	missing			
1074	missing	present	<sup>a</sup> Helix numbers correspond to the first nt in the corresponding helices in <i>E. coli</i> rRNA secondary structures			<sup>b</sup> Significant differences between <i>P. falciparum</i> and <i>C. elegans</i> rRNA structure (absence or altered size) are in bold italic font		
1303	SSUD:RNA5	present						
1350	SSUD	present						