

Figure S1. Sequence alignments of *Leishmania* and *Trypanosoma* rRNA genes. Nucleotides coding for the rRNA helices depicted in Figure 1 are highlighted in yellow. Nucleotides homologous to bacterial 16S rRNA residues 1408, 1492, and 1493 are colored in blue.

Leishmania 9S rRNA

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L. donovani      526 AATAAATTTAGAAGGTATTGTTGCC CACCATTCTTTGTAATAAAGACAACGTG CAGTAATTAATGTATTTATAAAAAATATATTTT 610
L. major        527 AATAAATTTAGAAGGTATTGTTGCC CACCATTCTTTGTAATAAAGACAACGTG CAGTAATTAATGTATTTATAAAAAATATATTTT 611
L. amazonensis 526 AATAAATGTAGAAGGTATTGTTGCC CACCATTCTTTGTAATAAAGACAACGTG CAGTAATTAATATATTTATAAAAAATATATTTT 610
L. tarentolae   527 AATAAATTTAGAAGGTATTGTTGCC CACCATTCTTTGTAATAAAGACAACGTG CAGTAATTAATATATTTATAAAAAATATATTTT 611
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Trypanosoma 9S rRNA

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T. brucei      524 AAAATAAGAAATTA AAAAGGTATTGTTGCC CACC AATTTTTATAATAAAAAATAACGTG CAGTAATTAATATATTTATAAAAAATATATT 611
T. cruzi       520 AAAATAATAAATTC AAAAGGTATTGTTGCC CACC AATTTTTATAATAAAAAATAACGTG CAGTAATCAATATATTTATAAAAAATATATT 607
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Leishmania and Trypanosoma 18S rRNA

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L. donovani      2035 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2143
L. major        2035 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2143
L. mexicana     2036 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2144
L. amazonensis 2036 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2144
L. braziliensis 2036 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2144
L. tarentolae   2035 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGGCG-GTGTTTTATCCGCCCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2143
T. brucei       2070 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACCGCTCGTCTCGGGCGACCGAAAGTTCACCGATATTTGCTTCAATAGAGGAAGCAAAGTCGTAACAA 2189
T. cruzi        2099 ACCGCCCGTCGTTGTTTCCGATGATGGTGCAATACAGGTGATCGGACAGTCTGAGTCTTCACTTGACCGAAAGTTCACCGATATTTCTTCAATAGAGGAAGCAAAGTCGTAACAA 2218
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