

Table S4. Percentage identity among PPlase sequences of *L. major* and *L. donovani*¹.

<i>L. major</i> PPlase	kDa	<i>L. donovani</i> PPlase	kDa	Percentage Identity
LmCyP19	18.8	LdCyP19	18.8	96.0
LmCyP20.3	20.3	LdCyP20.3	20.34	88.5
LmCyP23	23.0	LdCyP20.4	20.4	82.9
LmCyP24	24.0	LdCyP24	24.5	83.3
LmCyP24.6	24.6	LdCyP25	25.2	98.7
LmCyP25	25.2	LdCyP26	25.5	98.7
LmCyP26	25.5	LdCyP27	26.6	93.9
LmCyP26.5	26.4	LdCyP28	27.5	93.0
LmCyP27	27.5	LdCyP28.6	28.6	98.4
LmCyP29	28.8	LdCyP29	28.8	93.2
LmCyP32	31.4	LdCyP32	31.9	91.2
LaCyP36	36.1	LdCyP36	36.09	93.7
LmCyP38	38.4	LdCyP38.4	38.4	96.0
LmCyP39	38.6	LdCyP39	38.7	94.0
LmCyP48	48.5	LdCyP48.5	48.5	94.0
LmCyP49	49.0	LdCyP49	48.8	87.4
LmCyP108	108.1	LdCyP108	108.3	93.8
LmFKBP11.8	11.8	LdFKBP11.8	11.8	98.2
LmFKBP11.9	11.9	LdFKBP11.9	11.9	96.3
LmFKBP17.3	17.2	LdFKBP17	17.3	93.7
LmFKBP23	22.8	LdFKBP22	22.7	96.5
LmFKBP48	47.6	LdFKBP47	47.8	96.1
LmPar13	12.5	LdPar12	12.6	93.9
LmPar47	46.5	LdPar17	17.4	34.3

¹The percentage of identity was obtained by comparing the amino acid sequences of *L. major* PPlases with the *L. donovani* PPlases using the EMBOSS Needle tool from EMBL-EBI [42] (<https://www.ebi.ac.uk/services>). The molecular weight (kDa) and amino acids sequence were obtained from the UniProt database [40] (<https://www.uniprot.org/>, Release 2023_02).