

Description	E value	Query cover %	Identity %	Accession
<i>Trypanosoma cruzi</i> (surface protease GP63 putative)	1e <sup>-111</sup>	86	37.86	XP_817808.1
<i>Entamoeba histolytica</i> (cell surface protease GP63 putative)	3e <sup>-37</sup>	71	27.43	XP_652632.1
<i>Entamoeba dispar</i> (hypothetical protein)	3e <sup>-35</sup>	81	25.86	XP_001740726.1
<i>Entamoeba invadens</i> (hypothetical protein)	1e <sup>-31</sup>	52	27.59	XP_004184102.1
<i>Acanthamoeba castellanii</i> (leishmanolysin, putative)	5e <sup>-45</sup>	52	32.75	XP_004337275.1
<i>Naegleria fowleri</i> (hypothetical protein)	2e <sup>-29</sup>	52	28.24	XP_044566011.1

Material Supplementary Table 1. Blast analysis, performed in the reverse of what was obtained in Table 1. In this result it is evident that the E values remain similar to those shown previously (Table 1). In this way, it is demonstrated that proteins from different organisms are reciprocal results and, therefore, orthologs.