Figure S1: Three-dimensional prediction structure of EHI_016490 (CSP) from Entamoeba histolytica generated by I-TASSER.

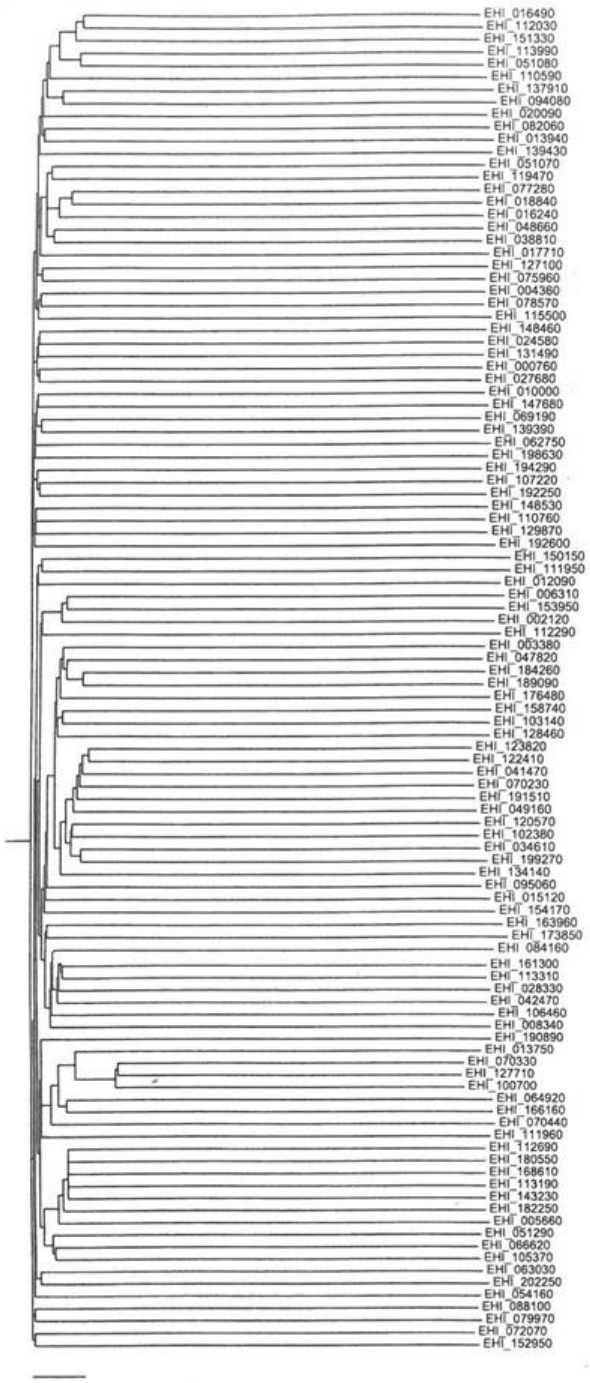

Figure S2: Dendogram showing the relatedness between EHI_016490 and the BspA like proteins from Entamoeba histolytica. All 95 BspA like proteins expressed in trophozoites in in vitro culture were included in the phylogenetic tree, created by using ClustalX.

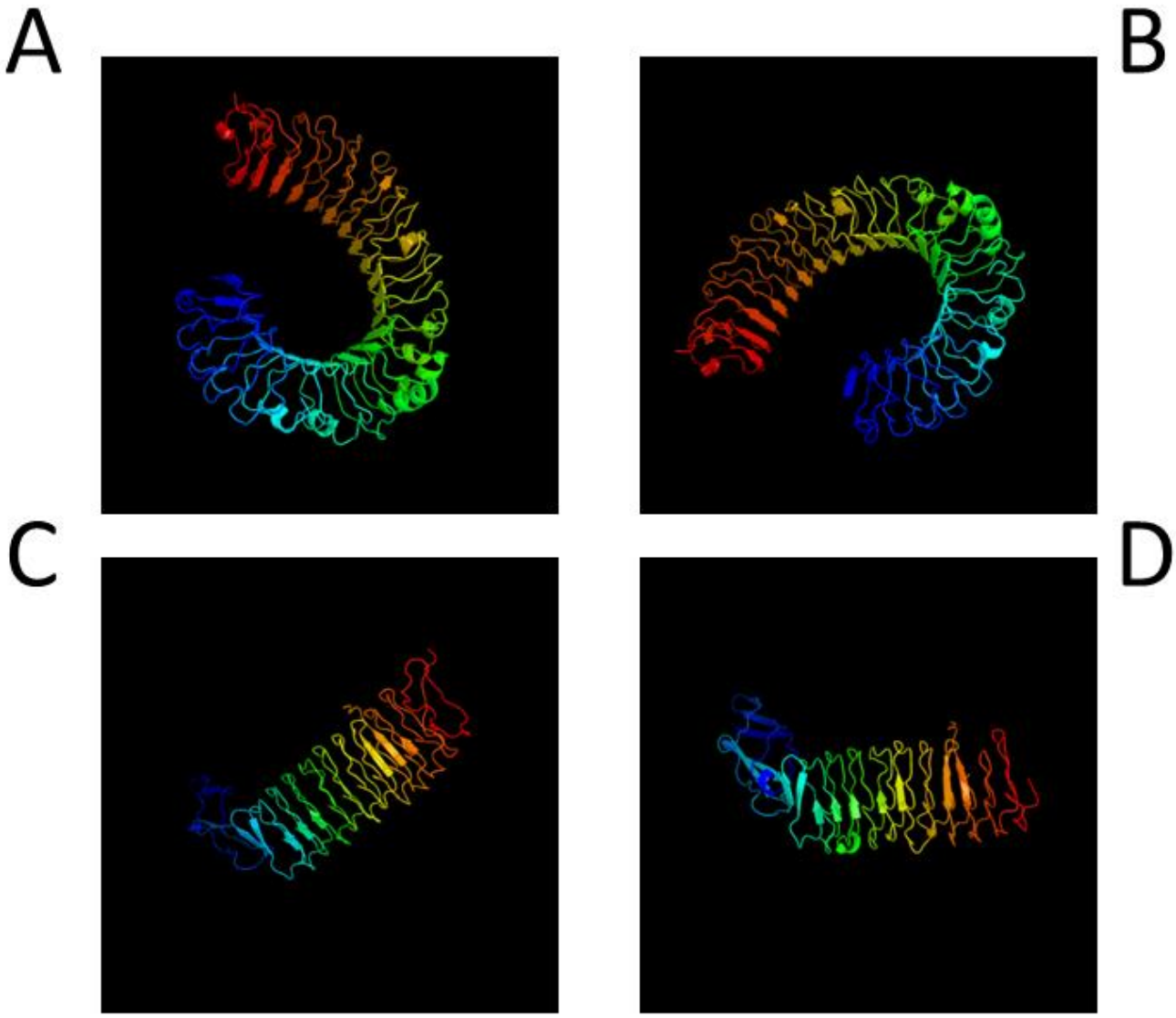

Figure S3: Three-dimensional prediction structure of the two most closely related BspA like proteins EHI_112030 (A) and EHI_151330 (B) from EHI_016490 (CSP) and the two most divergent BspA like proteins EHI_072070 (C) and EHI_152950 (D).

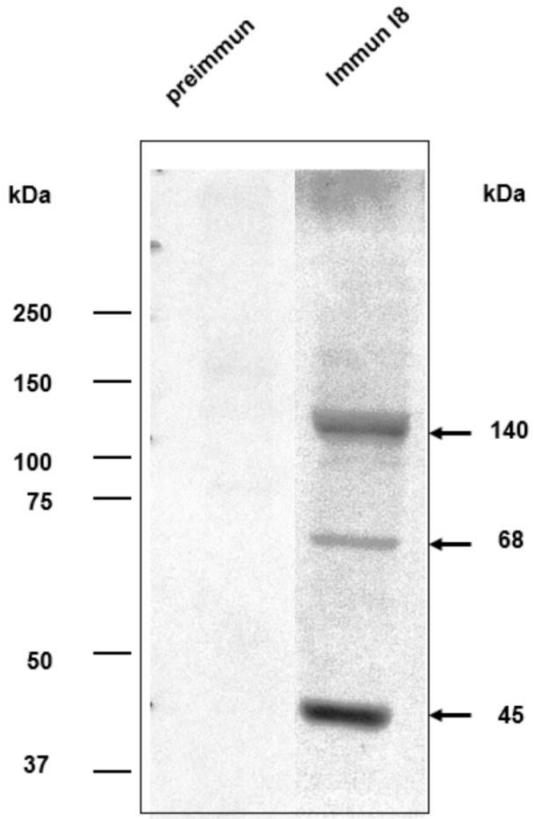

Figure S4: 10% polyacrylamide gel electrophoresis under reducing conditions, and a Western blot of Entamoeba histolytica crude lysates. Twenty µg of proteins were loaded. A polyclonal rabbit antiserum against two synthetic peptides from EHI_016490 detected bands at 45, 68 and 140 kDa. Pre-immune serum merely gave a low background signal.