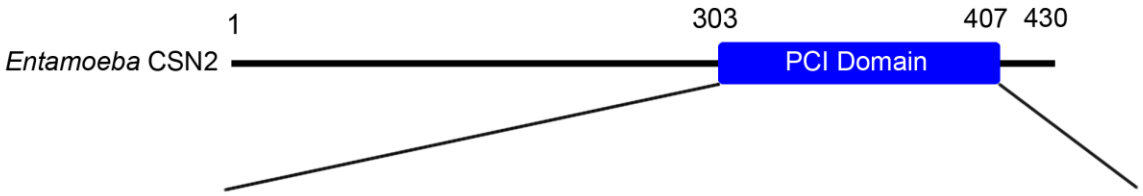


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Entamoeba     303--YQLYCAFNENNIIHFKEALN--KSGSQFKDHPYIQQYIPLLIETAQKNLILKLV 354
Leishmania    308-VRALWQAFVALDVSTFLQVLHAPDNAACFAKDAEFAAYVEPMMFQLRTNYLIAYS 362
Trypanosoma   301PFSGLVKAYRRNDVQRFLSTAD--LVRQCFTAEPAVLVCLDLLLDNLRLRALVAFA 354
Acanthamoeba  335PMADLLNAYQHNEINRVEKILK--ENKTVIMGDPFIEQFIKNILREIRTKVLLELI 388
Naeglaria     292AMTDLVQHYQQANIKEFDKVLK--NNRKAILEDNFMKEYIEDLLKTIRIRVLGKIM 345
Toxoplasma    514AMHALRRAYEADDIGRVVELLT--EPRHGLATDAYVSLFVDDLLGSIRVRALPSIV 567

Entamoeba     355KCFKRINFSFLAQELDMK-EEKVELLVLRMIFDNTLKAKINQFDRYLIMTEEQS   407
Leishmania    363KSFGTLSLLELGARLQLQ-EQPCKELCTSAILLGLINARIDDARKLLLFQRA--   413
Trypanosoma   355APYERLSMQRLQSVLLVD-KDEVDRLCLRAVSEGVLRAKLDNENGVVIMNRESE   407
Acanthamoeba  389RPYTRVAVPFIAKQLNIT-AAEVQELLVFLILDHKVNGNIDQVNQLLILRG---   438
Naeglaria     356KPYTRIKMSFLGKELSIS-TEDVEALVVFLILDHKVNGNIDQVNQLLILRG---   396
Toxoplasma    568APFTSVSLPSLQEKLHAQNAKEVRSSIARALAERRIFGEIDEVKQLLVLRR---   618
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