

S1
 S2 MEWMVMNMDRFFAPATQLGNYTKDKYVVPNC~~LAKIR~~KIIHRLNQDKARWHFRSLFMNKIISTNLLPLLHVHKE
 S3 MEWMVMNMDHFFAPSIQLGTYMKDKYVVPNCQAKIKKIIHRLNQDKARWHFRSLFMNKIISTNLLPLLHVHKE

S1
 S2 DKGLMEATIKVLQELMTPVECLMPTETMSQNHEGRRIIYELESAIVNTKKLFLDTQVTKAIVDLMSSTLQDSKIL
 S3 EKELMES~~TVKVLQELMTPVECLMPTETMSQNHEGRRIIYELESAIVNA~~KKLFLDTQVTKAIVDLMSSTLQDNKIL

S1
 S2 SLPECELINQCLLLIRNLLHVSSIPTPPHHHA.....
 S3 SLPECELINQCLLLVRNLLHVSSIQLPQQQTPNYSGTPSTSNSSAASASNMTMSTSQQGGANTSVLTEDQIMWNL

S1
 S2
 S3 FAQRFDNILIQLLTCNQHLWNITMVQLVSLMYRDQQQGTIRKLINEWLESSLPESSEDDENNPMSSSSSDAIST

S1
 S2
 S3 SDPVSDSSERLSPVDSMTKKNKKIHKMSSFQEDSDFASGNKNSHNLDSQDSGFCRTGSNIDSSFDESVDNSYR

S1
 S2
 S3 MLGLEKQEKEGSGGGTITAWYPGEAPPSMAKTNKVIEKAPTEKKVSDGKTCGECEENESDQGGNEGGSEASSPV

S1
 S2
 S3 PSEEQQSPVTLDTNKPGDPHLMEFLPGKEQAEAEKNTILISKQEEQSFPVRETHSPMDEEVRQSVGQHVKWPPN

S1
 S2
 S3 VEESGFSGDSSEKPPPQLPKLHKNKPLVGQKRSRHTMSQKLLSDTQENNESSNSTGSECDEGPHAKRPHHQKPH

S1
 S2
 S3 KMLSKPRPAKMLQKALQERNIKRTKLMKRKESNSIKAKALLHHHPTPEDISNLLKEFTVDFMINGYSNLLQGLRL

S1
 S2
 S3 QVMMPYQIDLDKSHLLWLITYFLRFAVELDLELSQICPVLCDVVCYLVEYGVVMQEELEQAVRAGESNLLPHVR

S1
 S2
 S3 RLHLVVTALREFFVAFEICLKKEQSLTDANHLLHIREELGTLVEIRQLFILLIRMYRPGVLNLYLQDLITTNR

S1
 S2
 S3 YLITQETSVPCLSPHYSFNLFNHIKQFATMDIMRQYSRLLENFNMNDEMVNDCIFTMMHHIAGDLRNVNVLQPS

S1
 S2
 S3 ILKVFMRIWKEGFELCGDWADLIEYVLRKCTIRIRIQHPDKEKRNHPNKPMEAPSIDLSNEDFDQLYNLYLATT

S1
 S2
 S3 EQDLMDKIKEICDDSIIEPIKKEVIQKLLAGGFITNSECSKLCAEIPIASHTHTNSQPIIRRHSPVEPLVANKS

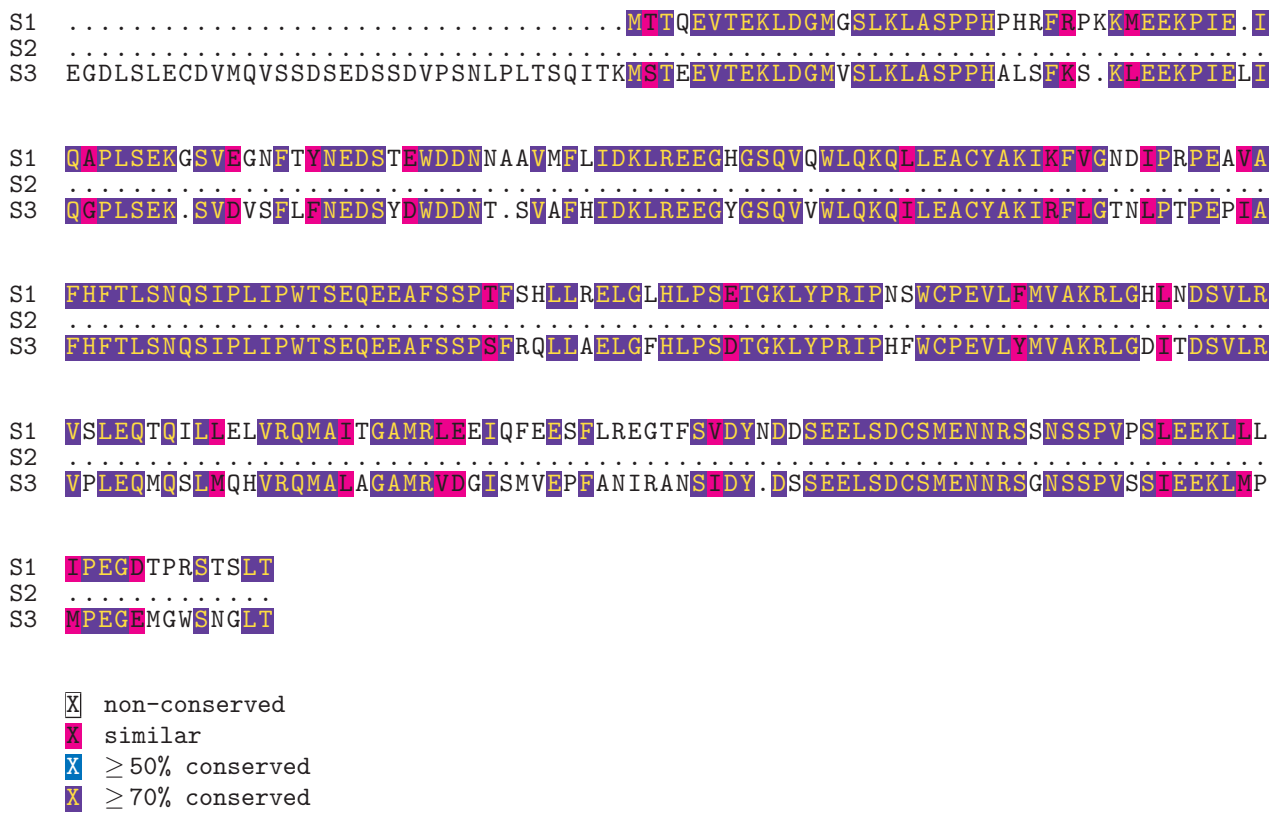


Figure 1: Corystes sp TIM
 S1 - TRINITY DN12064 c1 g3 il.p1 ORFtype complete len 277
 S2 - TRINITY DN51931 c0 g1 il.p1 ORFtype 3prime partial len 182
 S3 - TRINITY DN1692 c0 g1 il5.p1 ORFtype complete len 1359