

S1 .....  
S2 CGDKSSGVHYGVITCEGCKGFFRRSQSQACVTNYQCPRQKNCVVDRVNRNRCQFCRLQKCLALGMSRDAVKFGRM

S1 ...IRQHLS~~ETV~~.....LSAHTLTCLMDTAQ..IQQAWCNNINPAFLIQFKSKS  
S2 SKKQREKVEEVVSFHQAAHHRQQRAPGNPDSSLVEPPSSTETL..FPSNSQFSQQQTYTEFYGSQFPSQFGATS

S1 ADDLWMTAAQKLTDVITQIIEFAKMLPGFLKFPQEDQIVLLKAGSFELALLRMSRYYCIEKK  
S2 FDEFV.....DST...TNFA.....





 non-conserved  
 similar  
 ≥ 50% conserved  
 ≥ 70% conserved

Figure 1: Acartia tonsa RORa  
S1 - TRINITY DN56378 c0 g1 i1.p1 ORFtype internal len 106  
S2 - TRINITY DN51721 c0 g1 i1.p1 ORFtype internal len 160