

A

Score = 29.6 bits (65), Expect = 3.5, Method: Compositional matrix adjust.
 Identities = 20/70 (29%), Positives = 34/70 (49%), Gaps = 5/70 (7%)

Query 50 GAKHPKLT LVNFTDYNCPYCKQL----DPMLEK-IVQKYPDVAVI IKPLPFKGESSVLA A 104
 G K + + F D CPYCKQ P ++ VQ + + IKP +++LA+
 Sbjct 110 GK KDAPVIVYVFADPFPCPYCKQFWQQARPWVDSGK VQLRTL LVGV IKPESPATAAA I LAS 169

Query 105 RIALTTWREH 114 ← ScsC
 + TW+++

Sbjct 170 KDPAKTWQQY 179 ← DsbG

B

Score = 28.1 bits (61), Expect = 7.5, Method: Compositional matrix adjust.
 Identities = 36/160 (23%), Positives = 59/160 (37%), Gaps = 31/160 (19%)

Query 103 APQEKHVI TVFTDITCGYCHKLHEQMA----DYNALGITVRYLAF----- 143
 A K + FTD C YC +L + Y + + ++ L F
 Sbjct 51 AKHPKLT LVNFTDYNCPYCKQLDPMLEKIVQKYPDVAVI IKPLPFKGESSVLAARIALTT 110

Query 144 ----PRQGLSDAEKEMKAIWCAKDKNKAFDDVMAGKSVAPASCDVDIADHYALGVQL-- 197
 P+Q L + K ++ D K AG + P + D + +QL
 Sbjct 111 WREHPQQFLALHEKLMQKR VYHTDDS IKQAQQ-KAGAT--PVTLDEKSMETIRTNLQLAR 167

Query 198 --GVSGTPAVVLSNGTLVPGYQPPKEMKEFLDEHQKMTSG 235 ← DsbC
 GV GTPA ++ + L+PG P ++ + E +G

Sbjct 168 LVGVQGTPATIIGD-ELIPGAVP WDTLEAVVKEK LASANG 206 ← ScsC

C