

A.

B. subtilis RsiV
C. difficile RsiV
E. faecalis RsiV

----MDKRLQQLREYKNVQIPKELDIIVEKALQQ---EPKKR**IVMWPT** 43
--MTSKERLNKLKDEYHKIPIPKLDTIINHEKIENIYREKNKKVNR**LRF** 48
MEDFVKSVVKNFSKEYRQQPLPTDLQAEVKARFHKEKKRYTWLRFRNR**SL** 50
. . :::: . *::: :*..*: :: :

SAAIAAAAILFTALVNINPDAAQAMS KIPVIGKIVKAITFIEIKEKDQSS 93
KVAIAFACIFTVLVNISPVFA DNFSKIPVIGAIVEVITIKNYSLKSENYE 98
QSSLVVACGFVLSVNLFPGFSEAA RNIPVLDKIVQLVTIKTLTAKKQESE 100
. . : . * . **: * : * : * : * : * :

IDVKTTPALSGLSNKELENSINEKYLKESQQLYKEFIQSTS KNK---KGH 139
AEIDIPKIRGLKDKNLEQRNLSSFMEDGKR LYHQFQERMEKIQSSKNKG Y 148
VNIDVPKIQTSQESSVADTLNKYLKEAQTEFQQVKGQLFDGS-----R 144
. . * : . . . : :* . . . :

LSIYSDYETVTDTPDLLSIRRNIETTQASSYTQSRYITIDKKNDILLTLK 189
KSLSLSYSVKNNSKKFLSIEMTKNEIEASSYVSKVHYTIDKKRQIVLTP 198
VSVTGDYEKVVDDRRFLVVKRTFTEIKGSSATTTKYDTIDKRANVVVSLP 194
: .. : :* . . . : .** . . : * * * : : : : *

SLFKDERYIKVISQNIKEQM KQQM KEDPNK IYWLT---DEDAEPFKTIL 235
MLFKDDKYIKVISDN NIKEQM REQM KK DSTK SYFIDQK-KDLPVEDFKTIN 247
LIFKNDFYIDVISSEIKQQISDQMKNDSNK IYWSEKEDAPSDVQPFKKIK 244
: * * : * * . * * : * : * * : * . * : . : * * . *

PDQTFYITEDHKLVISFDEYEVAPGYMGVTEFTIPTGVISNLLVGERYIR 285
KYQDFYFNKNEDLVICFDEYEVAPGYMGAVEFVIPYKVIKDL----- 289
KDQPFYINEKHQLVIVFPQGEIAPYYMGTPEFVIPNQVIENELAAPNYLK 294
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B.