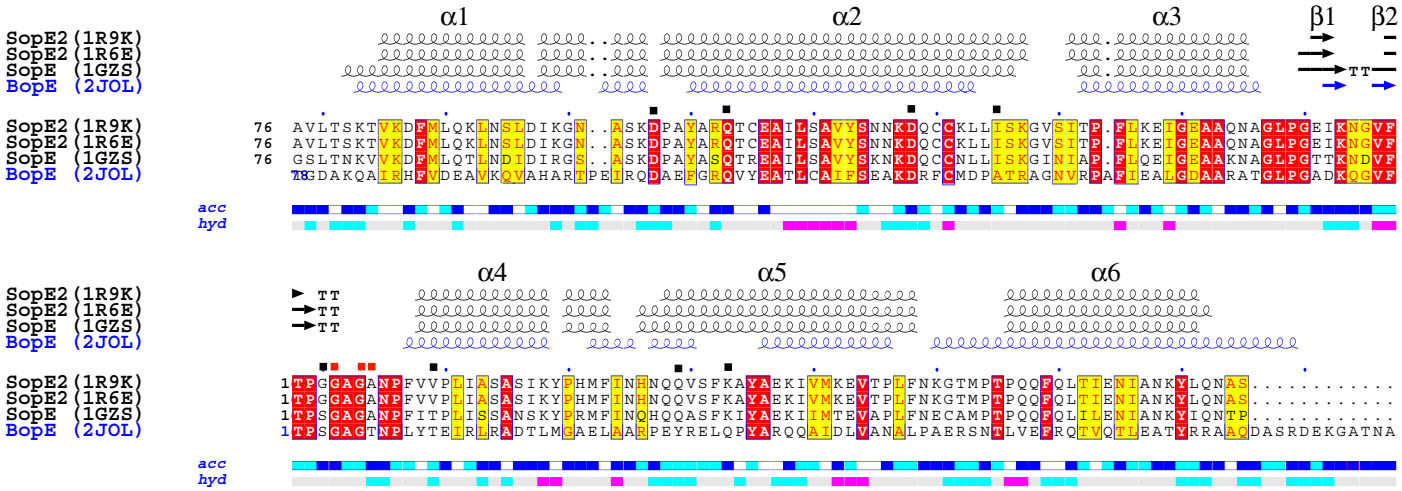
α1
α2
α3
β1
β2
SopE2(1R9K)
SopE2(1R6E)
SopE (1GZS)
BopE (2JOL)
76 AVLTSKTVKDFMLQKLNSLDIKGN..ASKDPAYARQTCEAILSAVYSNNKDQCCKLLISKGVSITP.FLKEIGEAAQNAGLPGEIKNGVF
76 AVLTSKTVKDFMLQKLNSLDIKGN..ASKDPAYARQTCEAILSAVYSNNKDQCCKLLISKGVSITP.FLKEIGEAAQNAGLPGEIKNGVF
76 GSLTNKVVKDFMLQTLNDIDIRGS..ASKDPAYASQTREAILSAVYSKNKDQCCNLLISKGINIAP.FLQEIGEAAKNAGLPGTTKNDVF
78 GDAKQAIRHFVDEAVKQVAHARTPEIRQDAEFGRQVYEATLCAIFSEAKDRFCMDPATRAGNVRPAFIEALGDAARATGLPGADKQGVF
acc
hyd
α4
α5
α6
SopE2(1R9K)
SopE2(1R6E)
SopE (1GZS)
BopE (2JOL)
1 TPGGAGANPFVVPLIASASIKYPHMFINHNQQVSFKAYAEKIVMKEVTPLFNKGTMPTPQQFQLTIENIANKYLQNAS.....
1 TPGGAGANPFVVPLIASASIKYPHMFINHNQQVSFKAYAEKIVMKEVTPLFNKGTMPTPQQFQLTIENIANKYLQNAS.....
1 TPSGAGANPFITPLISSANSKYPRMFINQHQQASFKIYAEKIIMTEVAPLFNECAMPTPQQFQLILENIANKYIQNTP.....
1 TPSGAGTNPLYTEIRLRADTLMGAELAARPEYRELQPYARQQAIDLVANALPAERSNTLVEFRQTVQTLEATYRRAACDASRDEKGATNA
acc
hyd