

OspE1_{SFLEX} LPQKQENIIL-----EVSNPV-----LLSSTVTTDGYTVFNKKAAYELQIPAAAS-RTKTLKFTATEMQWLTKINEAGIDEKQS- 10-82
 EspO1-1_{SAKAI} MPFSIKNRFSSQVHYPEISGPIKDKPASKNCILTSTTCNVDSYTVYQKKACSFDMRPPGAGERTPKLKL SVTEMTWLSKTIETEIHNTKE- 1-91
 EspO1-2_{SAKAI} MPFSIKSIFSGHTWHQPEISRPIADKSSTKNCILDSTTCNV DGF TVFNRRSCSFDMRPPGSADRT PQLRLSISEVAWMSKIIETE TNNTNKS 1-92
 EspO1_{STYM} MPFSIKNICSGPKGHCPEISSPIQDKPVPRNCTLTSTTCDIQSYTVFSRWSCSYEMRPPGAEERTPRLKFSATELSWLSKTIETERRNTKE- 1-91
 EspO1_{SENT} MPFSIKNICSGPQGHYPEISRPIQNKPVPRNCTLISTTCKIQEYTVFSRCSCSFEMRPPGTEERTPRLKLSATELSWLSKTIETEMRNTKE- 1-91
 EspO1_{O103:H2} MPLSIGSCFSCHTGRRPEISDP IIDK PSTKNCELISTTCNV DGITVISRSSYGFDMKPPGAGERAPRLKLSASEAQWMAAIDAEGHNISNT 1-92
 EspO1_{EPE22} MPFSIKNI FNSKGSYPEISGPVQDKPVSKNCTLTSTTCMNDYTVFSRKSCTFDMRPPGAGDRTPQLKLSASELIWLSKTI DTERNNIKE- 1-91
 EspO1_{AEPEC} MPFSIKNI FNSKGNYP EISGPVQDKPVSKNCTLTSTTCPMNDYTVFSRKSCTFDMRPPGAGDRTPKLKLAATEMTWLSKTIETEIHNTKE- 1-91
 EspO1_{CIROD} MPLSIRNI FRASTRPEISGPVIDKPIPKNCTLISTTCNLDGIMVINRRTSFYDIKPPGAGERQPSLKISASEAQWMCKIETEINNSNK- 1-91

Consensus/80% bPbp1csbhp..psp.sElps sls+s.s+ss.LhSpps shpsbpVbs+pts.aDb+sPtt.-+sspL+b*t*EhpWbs+h1-s-bps.pp.