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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 20 SA RS08005 WP 001802022.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFE....NKDTALKQSTSENNS.LSKLEDVQVKDGDNSK    80
NTDB id 595 KW2 RS08725 WP 021037687.1      .......MEKILDKLKEYWKI.MLLVVCALIAGGIFYIFTNSPKPAET...LS..VENLSSSSTKS.......SVSKFNSSSSEK    65
NTDB id 300 STER RS07485 WP 011681496.1     ......MKEKILAYVKDNRLF.VSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEK    78
NTDB id 58463 I872 RS06800 WP 015605401.1   ......MFEEILEKLKEYKIF.VGLSLIGVVLAGLFLLKGNAQPQNQVS.ALAQEVVTSASSEINAEKRSANQEKISEKNIDSEE    77
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .......MESIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPHTPVKET.NLQAEVVAISKD.SST......EKDVKKEEKEEPV    69
NTDB id 493 SM12261 RS04300 WP 000387351.1  .......MEAIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAVSKD.SVS......EKEVKKEEKEEPL    69
NTDB id 153 SP RS04730 WP 000387344.1       .......MEAIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPQTPVKET.NLQAEVAAVSKD.SST......EKEVKKEEKEEPL    69
NTDB id 263 KZH43 RS04195 WP 000387330.1    .......MEAIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPQTPVKET.NLQAEVAAVSKD.LVS......EKEVNKEEKEEPL    69
NTDB id 222 SPD RS04535 WP 000387330.1      .......MEAIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPQTPVKET.NLQAEVAAVSKD.LVS......EKEVNKEEKEEPL    69
NTDB id 188 SPR RS04295 WP 000387330.1      .......MEAIIEKIKEYKII.VICTGLGLLVGGFFLLKPAPQTPVKET.NLQAEVAAVSKD.LVS......EKEVNKEEKEEPL    69
consensus                                     ************** ***************************** ****** ***** * *       *************

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NTDB id 20 SA RS08005 WP 001802022.1        NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKA.QLLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQ.IEVNSV...HVKN   160
NTDB id 595 KW2 RS08725 WP 021037687.1      NKNEIMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSES.TDSPTGSSVSNQI   149
NTDB id 300 STER RS07485 WP 011681496.1     VKSKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVS.DKGGQ   162
NTDB id 58463 I872 RS06800 WP 015605401.1   SEKEVTVDVKGAVKNPGVYQLRAGARVHDALQKAGGLLPDAESKSINQAQKLTDEAVVYVARVGEEGAD.VTQDSQTPA.GNGET   160
NTDB id 521 SMSK321 RS04960 WP 000443804.1  EQDLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESAS.QHTGSGAPS.S....   148
NTDB id 493 SM12261 RS04300 WP 000387351.1  EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAAS.QQAGPGTAS.S....   148
NTDB id 153 SP RS04730 WP 000387344.1       EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGSGTAS.S....   148
NTDB id 263 KZH43 RS04195 WP 000387330.1    EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS.S....   148
NTDB id 222 SPD RS04535 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS.S....   148
NTDB id 188 SPR RS04295 WP 000387330.1      EQDLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVS.QQTGLGTAS.S....   148
consensus                                   ******!!*!!!!**!**!******!**!****!******!*****!******!*************** ********* *

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NTDB id 20 SA RS08005 WP 001802022.1        GNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI..   228
NTDB id 595 KW2 RS08725 WP 021037687.1      STTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID.   218
NTDB id 300 STER RS07485 WP 011681496.1     AVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA.   231
NTDB id 58463 I872 RS06800 WP 015605401.1   AKGKSGLVNLNTATEAELQTVSGIGQKKAQDIIAYREANGKFKSVDELKNVSGIGAKTLEKLKDYVTVDK   230
NTDB id 521 SMSK321 RS04960 WP 000443804.1  .TSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD.   216
NTDB id 493 SM12261 RS04300 WP 000387351.1  .TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD.   216
NTDB id 153 SP RS04730 WP 000387344.1       .TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD.   216
NTDB id 263 KZH43 RS04195 WP 000387330.1    .ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD.   216
NTDB id 222 SPD RS04535 WP 000387330.1      .ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD.   216
NTDB id 188 SPR RS04295 WP 000387330.1      .ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD.   216
consensus                                     ******!*!*!****!****!*!***!******!***!*!*****!**!*!*!*!!**!********
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X non conserved

X similar

X ≥50% conserved