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logo
NTDB id 105 BSU 25590 NP 390437.1          .....MNWLNQHKKAIILAASAAVFTAIMIFLATGKNKEPVKQ.....................AVPTETENTVVKQEANNDESNET   61
NTDB id 595 KW2 RS08725 WP 021037687.1     .MEKILDKLKEYWKIMLLVVCALIAGG.IFYIFTNSPKPAETL.......SVENLSSSSTKSSV.......SKFNSSSSEKNKNE   69
NTDB id 521 SMSK321 RS04960 WP 000443804.1 .MESIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPHTPVKE.TN.LQAEVVAISKDSS.......TEKDVKKEEKEEPVEQDL   73
NTDB id 493 SM12261 RS04300 WP 000387351.1 .MEAIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPQTPVKE.TN.LQAEVVAVSKDSV.......SEKEVKKEEKEEPLEQDL   73
NTDB id 153 SP RS04730 WP 000387344.1      .MEAIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPQTPVKE.TN.LQAEVAAVSKDSS.......TEKEVKKEEKEEPLEQDL   73
NTDB id 263 KZH43 RS04195 WP 000387330.1   .MEAIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPQTPVKE.TN.LQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDL   73
NTDB id 222 SPD RS04535 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPQTPVKE.TN.LQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDL   73
NTDB id 188 SPR RS04295 WP 000387330.1     .MEAIIEKIKEYKIIVICTGLGLLV.G.GFFLLKPAPQTPVKE.TN.LQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQDL   73
NTDB id 91183 L6419 RS04035 WP 024532637.1 .MEKVIECIKEYKWQVGLPVIAVVVVA.SFLLFRQSA.QPVDQ......TGLTKFSQTEQISSSQEVIEE...T.STEASEKNSK   72
NTDB id 300 STER RS07485 WP 011681496.1    MKEKILAYVKDNRLFVSVIAVLMVI.F.CFFLWMTCG.AGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVKSK   82
consensus                                   ************************ * ************** ** ***** ******        ***** ************

logo
NTDB id 105 BSU 25590 NP 390437.1          IVIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGS.....VQSDGGKG   141
NTDB id 595 KW2 RS08725 WP 021037687.1     IMVDLKGAVAKPNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTGSSVSNQISTTSG   154
NTDB id 521 SMSK321 RS04960 WP 000443804.1 ITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQH.TGSG.....APSSTSKD   152
NTDB id 493 SM12261 RS04300 WP 000387351.1 ITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQ.AGPG.....TASSTSKE   152
NTDB id 153 SP RS04730 WP 000387344.1      ITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.TGSG.....TASSTSKE   152
NTDB id 263 KZH43 RS04195 WP 000387330.1   ITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.TGLG.....TASSISKE   152
NTDB id 222 SPD RS04535 WP 000387330.1     ITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.TGLG.....TASSISKE   152
NTDB id 188 SPR RS04295 WP 000387330.1     ITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.TGLG.....TASSISKE   152
NTDB id 91183 L6419 RS04035 WP 024532637.1 LVVDVKGAVINPGLYTLETGARINDAIAAAGGFTSQADQKSINLAQKLTDETVVYVASQGENISVVPNSSTSSALS...QEGNKS   154
NTDB id 300 STER RS07485 WP 011681496.1    VTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDKGGQAVSKD   167
consensus                                  ***!*!!!!**!**!******!*******!!!****!!****!!*****!****!*****!** *** ** *      **** ***

logo
NTDB id 105 BSU 25590 NP 390437.1          ALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
NTDB id 595 KW2 RS08725 WP 021037687.1     PKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 521 SMSK321 RS04960 WP 000443804.1 KKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1 KKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1      KKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1   KKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1     KKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1     KKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 91183 L6419 RS04035 WP 024532637.1 GLVNLNTATVADLQTISGIGAKRAADIIAYREANGSFKSVDDLSNVSGIGDKTLESIRSYVTVG   218
NTDB id 300 STER RS07485 WP 011681496.1    GKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
consensus                                  ***!*!*!****!****!*!***!***!**!***!*!********!!!*!*!************
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X non conserved

X similar

X $\geq$ 50% conserved