logo

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NTDB id 615 LCA RS02545 WP 011374200.1   MGQQV.IACGRQFTAAQLADTQNN....NYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ.TCLPDGRHYCAQCLLFGRL   74
NTDB id 593 KW2 RS05130 WP 021037147.1   MNLILENLLGHLLLEKDISAFNNFTDQVNNENKLIKIGAMTSVNANKVRCNRCGTIHIKTNVKLPIGAFFCPTCLELGRV   80
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 MGKNY.YEQGRLFTEQQMKN.........VITAKTFSMKESMSMESGKQCCNRCFQEVAKT.NLLPNGKTYCRFCIAFGRV   70
NTDB id 277 KZH43 RS10090 WP 000867601.1 MKVNL.DYLGRLFTENELTE.........EERQ.LAEKLPAMRKEKGKLFCQRCNSTILEE.WYLPIGAYYCRECLLMKRV   69
NTDB id 236 SPD RS10765 WP 000867601.1   MKVNL.DYLGRLFTENELTE.........EERQ.LAEKLPAMRKEKGKLFCQRCNSTILEE.WYLPIGAYYCRECLLMKRV   69
NTDB id 202 SPR RS10250 WP 000867601.1   MKVNL.DYLGRLFTENELTE.........EERQ.LAEKLPAMRKEKGKLFCQRCNSTILEE.WYLPIGAYYCRECLLMKRV   69
NTDB id 167 SP RS11275 WP 000867616.1    MKVNL.DYLGRLFTENELTE.........EERQ.LAEKLPAMRKEKGKLFCQRCNSTILEE.WYLPIGAYYCRECLLMKRV   69
NTDB id 507 SM12261 RS09240 WP 000867722.1 MKVNP.NYLGRLFTENELTE.........EERQ.LAEKLPAMRKEKGKLFCQRCNSTILEE.WYLPIGTYYCRECLLMKRV   69
NTDB id 535 SMSK321 RS10515 WP 000867726.1 MKVNP.NYLGRLFTENELTK.........EERQ.LAEKLPAMRKEKGKLFCQRCDSAILDE.WYLPIGAYYCRECLLMKRV   69
consensus                                !****  **!**********          **** ****************!*!!******* **!!*!***!**!****!*
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NTDB id 615 LCA RS02545 WP 011374200.1   VEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQKGQRVCLA   154
NTDB id 593 KW2 RS05130 WP 021037147.1   RSDEYFYHLPQQDFPEK..TYLRWTGKLTENQEKISDALCQQITNNQKLLVQAVTGAGKTEMIYQLIEQILSHGGSVGLA   158
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 ESESQLYYFAPQAFPKG..DYLRWNGQLTPYQEKISEFLLGNYLNKKNSLVHAVTGAGKTEMIYKLIESVINQGGWVCFT   148
NTDB id 277 KZH43 RS10090 WP 000867601.1  RSDQTLYYFPQEDFPKQ..DVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
NTDB id 236 SPD RS10765 WP 000867601.1   RSDQTLYYFPQEDFPKQ..DVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
NTDB id 202 SPR RS10250 WP 000867601.1   RSDQTLYYFPQEDFPKQ..DVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
NTDB id 167 SP RS11275 WP 000867616.1    RSDQTLYYFPQEDFPKQ..DVLKWRGQLTPFQEKVSEGLLQVVDKQKPTLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
NTDB id 507 SM12261 RS09240 WP 000867722.1 RSDQSLYYFPQEDFPKQ..DVLKWRGQLTPFQDKVSQGLLQAVDKQEPSLVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
NTDB id 535 SMSK321 RS10515 WP 000867726.1 RSDQVLYYFPQEDFAKQ..DILKWRGQLTPFQEKVSEGLIQAVDKQEPILVHAVTGAGKTEMIYQVVAKVINAGGAVCLA   147
consensus                                ******!********** **!*!*!*!!**!*!*****************!!!!!!!!!!*********!**!***
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NTDB id 615 LCA RS02545 WP 011374200.1   APRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVEQA   234
NTDB id 593 KW2 RS05130 WP 021037147.1   SPRIDVCIELHQRLSRDFTCQIP.LLYHE.GDSYFRSPLVVMTSHQLLRFKEAFDLLIIDEVDAFPFRDNDMLYFALENA   236
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 SPRVDVCIDIKNRLVRDFSCPIT.IMYGG.SEEYRPAPLIVSTTHQLLKFYRAFDLLIIDEVDAFPFLGNVVLNKATQSC   226
NTDB id 277 KZH43 RS10090 WP 000867601.1  SPRIDVCLELYKRLQQDFSCGIA.LLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
NTDB id 236 SPD RS10765 WP 000867601.1   SPRIDVCLELYKRLQQDFSCGIA.LLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
NTDB id 202 SPR RS10250 WP 000867601.1   SPRIDVCLELYKRLQQDFSCGIA.LLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
NTDB id 167 SP RS11275 WP 000867616.1    SPRIDVCLELYKRLQQDFSCGIA.LLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
NTDB id 507 SM12261 RS09240 WP 000867722.1 SPRIDVCLELYKRLQKDFACEIA.LLHGE.SEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
NTDB id 535 SMSK321 RS10515 WP 000867726.1 SPRIDVCLELYKRLQDDFACEIS.LLYGE.SEPYFRTPLVVSTTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLYHAVKNS   225
consensus                                *!!**!!*****!!* *!** ** ***** ***!****!***!*!!!!*!**!!!**!*!!!!!!!***!**!**!****
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NTDB id 615 LCA RS02545 WP 011374200.1   CKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQLL   313
NTDB id 593 KW2 RS05130 WP 021037147.1   KKINGTLLYLTATSTDKLDKQIKKHEIKRLFLPRRFHGHPLVIPMFFWKKTFYKKF.............IEQRKTGFPLL   303
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 LKEEGKVVCLTATSTNELEQKVSDGHYEKIRLSRRFHNHPLVVPKFQLIYPLSKQFEKNKFPNLLSNLISQQRQTAFPLL   306
NTDB id 277 KZH43 RS10090 WP 000867601.1  VKENGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLKSYIEKQRKTAYPLL   305
NTDB id 236 SPD RS10765 WP 000867601.1   VKENGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLKSYIEKQRKTAYPLL   305
NTDB id 202 SPR RS10250 WP 000867601.1   VKENGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLKSYIEKQRKTAYPLL   305
NTDB id 167 SP RS11275 WP 000867616.1    VKENGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPKLKSYIEKQRKTAYPLL   305
NTDB id 507 SM12261 RS09240 WP 000867722.1 VKENGLRIFLTATSTDELDRKVRIGELKRLSLPRRFHGNPLIIPKPVWLSDFNHCLEKSRLSPKLKSYIEKQRKTGYPLL   305
NTDB id 535 SMSK321 RS10515 WP 000867726.1 VKENGLRIFLTATSTDELDRKVRIGELKRLSLPRRFHGNPLIIPKPVWLSDFNRYLEKKCLSPKLKSYIEKQRKTGYPLL   305
consensus                                *!********!!!!*!*****************  !**!!!***!**!**********************************!
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NTDB id 615 LCA RS02545 WP 011374200.1      LFVPQVRLLQPVANRLSTLLPAVRTETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEA  393
NTDB id 593 KW2 RS05130 WP 021037147.1      IFVAEIDFGQDFAKNLQEKFPKEKMAFVASTTKSRKTIVEAFRKKQVSILITTSILERGVTFSSIDVFVINSEHPNFTKS  383
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 IFYPLITEGEKFTKILQKAFPKEKIAFVSSKSDDRKEKIDAFKKRQIDILVTTTILERGVTFPEVDVYVILANHKLFTSS  386
NTDB id 277 KZH43 RS10090 WP 000867601.1    IFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
NTDB id 236 SPD RS10765 WP 000867601.1      IFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
NTDB id 202 SPR RS10250 WP 000867601.1      IFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
NTDB id 167 SP RS11275 WP 000867616.1       IFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
NTDB id 507 SM12261 RS09240 WP 000867722.1  IFASEIKKGEQLKEIIQEQFPNEKIGFVSSITENRLEQVQAFRDRELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
NTDB id 535 SMSK321 RS10515 WP 000867726.1  IFASEIKKGEQLKEILQKEFPHEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKS  385
consensus                                   *!*****************!**********************!!***********!*!!!!!!!!!****!*!****!**!***
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NTDB id 615 LCA RS02545 WP 011374200.1      VLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 593 KW2 RS05130 WP 021037147.1      ALIQMAGRVGRDSKRPTGLVSFFHSGKSLAMCQAQKEIKKMNRLGGF.....   430
NTDB id 1063754 ACG3JH RS10290 WP 045407612.1 SLIQIAGRVGRSVSRPSGQLLFIHEGVSLQMKKARKQIIEMNKEAYGE....   434
NTDB id 277 KZH43 RS10090 WP 000867601.1    SLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL.....   432
NTDB id 236 SPD RS10765 WP 000867601.1      SLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL.....   432
NTDB id 202 SPR RS10250 WP 000867601.1      SLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL.....   432
NTDB id 167 SP RS11275 WP 000867616.1       SLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL.....   432
NTDB id 507 SM12261 RS09240 WP 000867722.1  SLIQIGGRVGRSMDRPTGDLLFFHDGLNTSIKKAIKEIQQMNKEAGL.....   432
NTDB id 535 SMSK321 RS10515 WP 000867726.1  SLIQIGGRVGRSMDRPTGDLLFFHDGLNTSIKKAIKEIQQMNKEAGL.....   432
consensus                                   *!*!**!!*!!**********!******* ****!***!* *!*****
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X non conserved
X similar
X ≥ 50% conserved