```
logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        ........MKVNLDYLGRLFT......E......NELTEEERQLAEKLPAMRKEKGKLFCQRCNSTILEEWY......LP   54
NTDB id 236 SPD RS10765 WP 000867601.1          ........MKVNLDYLGRLFT......E......NELTEEERQLAEKLPAMRKEKGKLFCQRCNSTILEEWY......LP   54
NTDB id 202 SPR RS10250 WP 000867601.1          ........MKVNLDYLGRLFT......E......NELTEEERQLAEKLPAMRKEKGKLFCQRCNSTILEEWY......LP   54
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1   ......MNMHKAMELMRQLHSRHLLTVETKCPQSNLDWLEEKGLVNRSPAIERKANGFTCCRCGVSHKRYFAHSPCEVCQ   74
NTDB id 108 BSU 35470 NP 391427.1               MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYH..SSG   78
consensus                                            **********!**       !      *************************!*!!*********      **

logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        IGAYYCRECLLMKRVRSDQTLYYFPQEDF..PKQDVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQ  132
NTDB id 236 SPD RS10765 WP 000867601.1          IGAYYCRECLLMKRVRSDQTLYYFPQEDF..PKQDVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQ  132
NTDB id 202 SPR RS10250 WP 000867601.1          IGAYYCRECLLMKRVRSDQTLYYFPQEDF..PKQDVLKWRGQLTPFQEKVSEGLLQAVDKQKPTLVHAVTGAGKTEMIYQ  132
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1   KDCVYCRSCIMMGKAAECGFLYEWTGPQMVETCRAELTWQGELSKGQKRASERMIEAIKNKFDLLVWAVCGAGKTEVLFH  154
NTDB id 108 BSU 35470 NP 391427.1               KNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFP  158
consensus                                       ****!!!*!**!********!!*******  *****!*!*!*!***!*********!*******!**!!*!!!!!!****

logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        VVAKVINAGGAVCLASPRIDVCLELYKRLQQDFSCG.I.ALLHGESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAF  210
NTDB id 236 SPD RS10765 WP 000867601.1          VVAKVINAGGAVCLASPRIDVCLELYKRLQQDFSCG.I.ALLHGESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAF  210
NTDB id 202 SPR RS10250 WP 000867601.1          VVAKVINAGGAVCLASPRIDVCLELYKRLQQDFSCG.I.ALLHGESEPYFRTPLVVATTHQLLKFYQAFDLLIVDEVDAF  210
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1   GIEYALNQGMRVCIATPRTDVVLELEPRLRKAFQEVTITVLYGGSSQRFQITPLVITTTHQLMRYKNAFDVLIVDEVDAF  234
NTDB id 108 BSU 35470 NP 391427.1               GIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAF  238
consensus                                       ******!*!**!!*!*!!*!!*!!!**!!***!***  !  *!**!*******!!***!!!!!*****!*!**!*!!!!!!

logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        PYVDNPMLYHAVKNSVKE.NGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPK  289
NTDB id 236 SPD RS10765 WP 000867601.1          PYVDNPMLYHAVKNSVKE.NGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPK  289
NTDB id 202 SPR RS10250 WP 000867601.1          PYVDNPMLYHAVKNSVKE.NGLRIFLTATSTNELDKKVRLGELKRLNLPRRFHGNPLIIPKPIWLSDFNRYLDKNRLSPK  289
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1   PYSMDERLQFAVLKAMRKNRGVRIYLSATPSKKMTREVSRGKLEAIKIPLRFHEQPLPVPTFHWIGHWKKKLKKNQLPPK  314
NTDB id 108 BSU 35470 NP 391427.1               PYSADQTLQFAVQKARKKN.STLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA  317
consensus                                       !!******!**!!******  ******!*!!***********!*!*****!*!*!**!!**!***!*******!**!***!*

logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        LKSYIEKQRKTAYPLLIFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPC  369
NTDB id 236 SPD RS10765 WP 000867601.1          LKSYIEKQRKTAYPLLIFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPC  369
NTDB id 202 SPR RS10250 WP 000867601.1          LKSYIEKQRKTAYPLLIFASEIKKGEQLAEILQEQFPNEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPC  369
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1   VMNWMHRHIANKRRILLFVPSIATMKKVTKILREQSLN..VEGVSADDPDRKQKVQHFRDYVYDVLVTTTILERGVTIPN  392
NTDB id 108 BSU 35470 NP 391427.1               VKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGVHCR..TASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPK  395
consensus                                       *****************!*************************!******!***!!*!!!*****!**!!!!!!!!!*!*
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logo
NTDB id 277 KZH43 RS10090 WP 000867601.1        VDVFVVEANHRLFTKSSLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL..........   432
NTDB id 236 SPD RS10765 WP 000867601.1          VDVFVVEANHRLFTKSSLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL..........   432
NTDB id 202 SPR RS10250 WP 000867601.1          VDVFVVEANHRLFTKSSLIQIGGRVGRSMDRPTGDLLFFHDGLNASIKKAIKEIQMMNKEAGL..........   432
NTDB id 1080701 ACKW6F RS16600 WP 276507389.1  VQVGVLGSESTIFTESALVQISGRVGRHPDYCTGDVFLFHFGLTRSMKQAKKHIAKMNDTAAKEFSEKQCGFN   465
NTDB id 108 BSU 35470 NP 391427.1               VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD.....   463
consensus                                       !***!*******!!*!*!*!!*!!*!!******!!***!!*!***!***!*!*!**!!**!**
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X non conserved

X similar

X $\geq$ 50% conserved