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logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  MERKDVTPKMKKNNGIWRKLGLGLVGGIIGGLVTAGIFYAVMGSGNAASNSGGHQNSAGETVVENVKVNVDSDITNAVDK   80
NTDB id 381 SMU RS09890 WP 002262650.1        .....MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKS.F.....SNNGK..TTVSNVIYDTKSNTTKAVKN   67
NTDB id 425 SGO RS10525 WP 012131081.1        ......MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHS.A.....TNNNQKTATTVTTSYKNSNSTTEAVDK   68
NTDB id 256 KZH43 RS10270 WP 000681597.1      ......MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSS.V.....N.NSNNNSTITQTAYKNENSTTQAVNK   67
NTDB id 215 SPD RS10945 WP 000681597.1        ......MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSS.V.....N.NSNNNSTITQTAYKNENSTTQAVNK   67
NTDB id 181 SPR RS10425 WP 000681597.1        ......MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSS.V.....N.NSNNNSTITQTAYKNENSTTQAVNK   67
NTDB id 145 SP RS11450 WP 000681597.1         ......MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSS.V.....N.NSNNNSTITQTAYKNENSTTQAVNK   67
NTDB id 539 SM12261 RS09395 WP 000681587.1    ......MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKST.E.....S.TSNNNSTITQTAYKNENSTTQAVNK   67
consensus                                      **********************!***************        ******************!*!!**

logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  VQDAVVSVINLQSQNQGTNGFGQLFGQQQQESSDDSNLEASSEGSGVIYKKSGNSAYIVTNNHVVEGQQGLEVLLKDGTK  160
NTDB id 381 SMU RS09890 WP 002262650.1        VKNTVVSVINYQKTDNSYYNYDS...GSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKK  144
NTDB id 425 SGO RS10525 WP 012131081.1        VKDAVVSVITYSESNSDAIF........DNNNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNK  140
NTDB id 256 KZH43 RS10270 WP 000681597.1      VKDAVVSVITYSANRQNSVF........GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTK  139
NTDB id 215 SPD RS10945 WP 000681597.1        VKDAVVSVITYSANRQNSVF........GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTK  139
NTDB id 181 SPR RS10425 WP 000681597.1        VKDAVVSVITYSANRQNSVF........GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTK  139
NTDB id 145 SP RS11450 WP 000681597.1         VKDAVVSVITYSANRQNSVF........GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTK  139
NTDB id 539 SM12261 RS09395 WP 000681587.1    VKDAVVSVITYSANRQNSVF........GNDDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTK  139
consensus                                     !***!!!!!***********        *********** ***!!!!!!!*!****!!*!!!*!!*************!*!

logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  VKAELVGTDAYSDLAVLKISADKVNKVASFGDSNSLKVGEPAIAIGSPLGSEYANSVTSGIISSLNRQVTSTNESNQTVN  240
NTDB id 381 SMU RS09890 WP 002262650.1        VVGKLVGSDTYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETIS  224
NTDB id 425 SGO RS10525 WP 012131081.1        VPGEIVGTDTYSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIA  220
NTDB id 256 KZH43 RS10270 WP 000681597.1      VPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAIS  219
NTDB id 215 SPD RS10945 WP 000681597.1        VPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAIS  219
NTDB id 181 SPR RS10425 WP 000681597.1        VPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAIS  219
NTDB id 145 SP RS11450 WP 000681597.1         VPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAIS  219
NTDB id 539 SM12261 RS09395 WP 000681587.1    VPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAIS  219
consensus                                     !****!!*!**!!**!**!****!**!!*!**!****!!!*!!!!!!!!!!*!!!*!!*!!*!!!*!*!****!******

logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  INAIQTDAAINPGNSGGPLVNIEGQVIGINSSKIASTSASSSGVSVEGMGFAIPSNDVVNIINQLEKDGKVTRPALGITM  320
NTDB id 381 SMU RS09890 WP 002262650.1        TNAIQTDAAINPGNSGGALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISM  304
NTDB id 425 SGO RS10525 WP 012131081.1        TQAIQTDAAINPGNSGGPLVNIQGQVIGITSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQM  298
NTDB id 256 KZH43 RS10270 WP 000681597.1      TKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQM  295
NTDB id 215 SPD RS10945 WP 000681597.1        TKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQM  295
NTDB id 181 SPR RS10425 WP 000681597.1        TKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQM  295
NTDB id 145 SP RS11450 WP 000681597.1         TKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQM  295
NTDB id 539 SM12261 RS09395 WP 000681587.1    TKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQM  295
consensus                                     **!!!!!*!!!!!!!!!!*!*!!*!!!!!!*!!!!!*  *  ****!!!*!!!!!*!!***!!*!!!**!*!*!!!!!!*!
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logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  VDLSAISTQQQEQILKIPESVTNGVIVTSVQPATPAEKAGLKQYDVITKIDDTDVSSGVELQSVLYQKKVGDSVKVTYYR   400
NTDB id 381 SMU RS09890 WP 002262650.1        ANLSEASTSGR.DTLKIPSDVTSGIVVLSTQSGMPAD.GKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYR   382
NTDB id 425 SGO RS10525 WP 012131081.1        VNLSSLSSSSS.DRLKLPDNVKNGVVVRSTQTGMPAD.GKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYR   376
NTDB id 256 KZH43 RS10270 WP 000681597.1      VNLSNVSTSDI.RRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYR   373
NTDB id 215 SPD RS10945 WP 000681597.1        VNLSNVSTSDI.RRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYR   373
NTDB id 181 SPR RS10425 WP 000681597.1        VNLSNVSTSDI.RRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYR   373
NTDB id 145 SP RS11450 WP 000681597.1         VNLSNVSTSDI.RRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYR   373
NTDB id 539 SM12261 RS09395 WP 000681587.1    VNLSNINTSDI.RRLNIPSNVTSGVVVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYR   373
consensus                                     **!!******* **!**!**!**!**!*!*!***!!* **!**!!!!!**!*****!****!!*!!********!*!*!!

logo
NTDB id 1120654 EL114 RS01795 WP 126343035.1  GKEKKTTTIQLTIDQSALKQSQSENSGN   428
NTDB id 381 SMU RS09890 WP 002262650.1        EKDKQTVEIQLTKTSQDLNH........   402
NTDB id 425 SGO RS10525 WP 012131081.1        DGKEQTTTIKLTKSTDDLSSE.......   397
NTDB id 256 KZH43 RS10270 WP 000681597.1      NGKEETTSIKLNKSSGDLES........   393
NTDB id 215 SPD RS10945 WP 000681597.1        NGKEETTSIKLNKSSGDLES........   393
NTDB id 181 SPR RS10425 WP 000681597.1        NGKEETTSIKLNKSSGDLES........   393
NTDB id 145 SP RS11450 WP 000681597.1         NGKEETTSIKLNKSSGDLES........   393
NTDB id 539 SM12261 RS09395 WP 000681587.1    NGKEETTSIKLDKSSGDLES........   393
consensus                                     *****!**!*! *****!**
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X non conserved

X similar

X ≥ 50% conserved