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logo

NTDB id 381 SMU RS09890 WP 002262650.1      MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNGK..TTVSNVIYDTKSNTTKAVKNVKNTVVSVINYQKTDN  83
NTDB id 425 SGO RS10525 WP 012131081.1      .MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITYSESNS  84
NTDB id 539 SM12261 RS09395 WP 000681587.1  .MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
NTDB id 98394 R8507 RS10805 WP 317643318.1  .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
NTDB id 256 KZH43 RS10270 WP 000681597.1    .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
NTDB id 215 SPD RS10945 WP 000681597.1      .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
NTDB id 181 SPR RS10425 WP 000681597.1      .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
NTDB id 145 SP RS11450 WP 000681597.1       .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANRQ  83
consensus                                    *********!******!****!**!******************** *****!*****!*****!!*!!**!!**!!!!!*!*****
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logo

NTDB id 381 SMU RS09890 WP 002262650.1      SYYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYSDLAVIKISSKYV  168
NTDB id 425 SGO RS10525 WP 012131081.1      DAIF.....DNNNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTDTYSDISVVRIPADKV  164
NTDB id 539 SM12261 RS09395 WP 000681587.1  NSVF.....GNDDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
NTDB id 98394 R8507 RS10805 WP 317643318.1  NSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
NTDB id 256 KZH43 RS10270 WP 000681597.1    NSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
NTDB id 215 SPD RS10945 WP 000681597.1      NSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
NTDB id 181 SPR RS10425 WP 000681597.1      NSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
NTDB id 145 SP RS11450 WP 000681597.1       NSVF.....GNDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEKV  163
consensus                                    ****     **************!!!!!!!!*!****!!*!!!*!!***!*!**!****!*!!*!**!!*!!*!!**!**!****!
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logo

NTDB id 381 SMU RS09890 WP 002262650.1      TTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAINPGNSGGALINIKGQVIGI  253
NTDB id 425 SGO RS10525 WP 012131081.1      KNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAINPGNSGGPLVNIQGQVIGI  249
NTDB id 539 SM12261 RS09395 WP 000681587.1  TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
NTDB id 98394 R8507 RS10805 WP 317643318.1  TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNISLRSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
NTDB id 256 KZH43 RS10270 WP 000681597.1    TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
NTDB id 215 SPD RS10945 WP 000681597.1      TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
NTDB id 181 SPR RS10425 WP 000681597.1      TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
NTDB id 145 SP RS11450 WP 000681597.1       TTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGI  248
consensus                                    **!!!!**!*!**!!!*!!!!!!!!!!*!!!*!!*!!!!!!*!*******!*!**!*!*!!!!!*!!!!!!!!!!*!*!!*!!!!!!
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logo

NTDB id 381 SMU RS09890 WP 002262650.1      NSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSGRDTLKIPSDVTSGIVVLSTQSGMP  338
NTDB id 425 SGO RS10525 WP 012131081.1      TSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSSSDRLKLPDNVKNGVVVRSTQTGMP  332
NTDB id 539 SM12261 RS09395 WP 000681587.1  TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSDIRRLNIPSNVTSGVVVRSVQSNMP  329
NTDB id 98394 R8507 RS10805 WP 317643318.1  TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVVVRSVQSNMP  329
NTDB id 256 KZH43 RS10270 WP 000681597.1    TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVIVRSVQSNMP  329
NTDB id 215 SPD RS10945 WP 000681597.1      TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVIVRSVQSNMP  329
NTDB id 181 SPR RS10425 WP 000681597.1      TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVIVRSVQSNMP  329
NTDB id 145 SP RS11450 WP 000681597.1       TSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVIVRSVQSNMP  329
consensus                                    *!!!!!*   !  ****!!!*!!!!!*!!***!!*!!!*!!*!*!!!!!!*!*!!!*****!****!**!**!**!**!*!*!**!!
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logo
NTDB id 381 SMU RS09890 WP 002262650.1 ADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH. 402
NTDB id 425 SGO RS10525 WP 012131081.1 ADGKLEKYDVITKIDDTEISSASDIQSALYKHSINFEIKVTYYRDGKEQTTTIKLTKSTDDLSSE 397
NTDB id 539 SM12261 RS09395 WP 000681587.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLDKSSGDLES. 393
NTDB id 98394 R8507 RS10805 WP 317643318.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES. 393
NTDB id 256 KZH43 RS10270 WP 000681597.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES. 393
NTDB id 215 SPD RS10945 WP 000681597.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES. 393
NTDB id 181 SPR RS10425 WP 000681597.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES. 393
NTDB id 145 SP RS11450 WP 000681597.1 ANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES. 393
consensus !*!*!*!!!!!!*!*!*****!**!*!!*!!*!*****!!*!*!!*****!**!*!*!***!!**
X non conserved
X similar
X ≥ 50% conserved