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logo
NTDB id 425 SGO RS10525 WP 012131081.1        ..MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITYSESN   83
NTDB id 256 KZH43 RS10270 WP 000681597.1      ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANR   82
NTDB id 215 SPD RS10945 WP 000681597.1        ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANR   82
NTDB id 181 SPR RS10425 WP 000681597.1        ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANR   82
NTDB id 145 SP RS11450 WP 000681597.1         ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVN.NSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANR   82
NTDB id 539 SM12261 RS09395 WP 000681587.1    ..MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTES.TSNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITYSANR   82
NTDB id 62469 YB51 RS10065 WP 009911075.1     ...MERIPYMKKYLKFAILFVIGFFGGLIGALSASFFQPRVQQANSA..ITSVSNVQYNNETSTTKAVEKVQNAVVSVINYQKSA   80
NTDB id 381 SMU RS09890 WP 002262650.1        MNNTKSHPFLKWFIPFLVIFL.TFILGVISTLIFNWITGNKSFSNNG..KTTVSNVIYDTKSNTTKAVKNVKNTVVSVINYQKTD   82
consensus                                       ********!************!**!**************   *************!*****!!*!!**!***!!!!!*!****
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logo
NTDB id 425 SGO RS10525 WP 012131081.1        SD...AIFDNNN..SGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTDTYSDISVVRIPADK   163
NTDB id 256 KZH43 RS10270 WP 000681597.1      QN...SVFGNDD..TDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEK   162
NTDB id 215 SPD RS10945 WP 000681597.1        QN...SVFGNDD..TDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEK   162
NTDB id 181 SPR RS10425 WP 000681597.1        QN...SVFGNDD..TDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEK   162
NTDB id 145 SP RS11450 WP 000681597.1         QN...SVFGNDD..TDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEK   162
NTDB id 539 SM12261 RS09395 WP 000681587.1    QN...SVFGNDD..TDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKISSEK   162
NTDB id 62469 YB51 RS10065 WP 009911075.1     NNSLGAIFGN...IESSDELAVAGEGSGVIYKKDGQYAYIVTNTHVINNAEKIDILLASGEKISGELVGSDTYSDIAVIKISADK   162
NTDB id 381 SMU RS09890 WP 002262650.1        NSYYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYSDLAVIKISSKY   167
consensus                                     **   *******  ****** ***!!!!!!!*!****!!*!!!*!!***!*!**!****!*!**!**!!*!!*!!**!**!****
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logo
NTDB id 425 SGO RS10525 WP 012131081.1        VKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAINPGNSGGPLVNIQGQVIG   248
NTDB id 256 KZH43 RS10270 WP 000681597.1      VTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIG   247
NTDB id 215 SPD RS10945 WP 000681597.1        VTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIG   247
NTDB id 181 SPR RS10425 WP 000681597.1        VTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIG   247
NTDB id 145 SP RS11450 WP 000681597.1         VTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIG   247
NTDB id 539 SM12261 RS09395 WP 000681587.1    VTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIG   247
NTDB id 62469 YB51 RS10065 WP 009911075.1     VTAVAEFADSDTIKVGETAIAIGSPLGSVYANTVTQGIISSLSRTVTSQSKDGQTISTNAIQTDTAINPGNSGGPLINTQGQVIG   247
NTDB id 381 SMU RS09890 WP 002262650.1        VTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAINPGNSGGALINIKGQVIG   252
consensus                                     !**!!!!**!****!!!*!!!!!!!!!!*!!!*!!*!!*!!*!*!*******!**!*!*!!!!!*!!!!!!!!!!*!*!**!!!!!
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logo
NTDB id 425 SGO RS10525 WP 012131081.1        ITSSKIANTN..NGSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSSSDRLKL.PDNVKNGVVVRSTQTG   330
NTDB id 256 KZH43 RS10270 WP 000681597.1      ITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNI.PSNVTSGVIVRSVQSN   327
NTDB id 215 SPD RS10945 WP 000681597.1        ITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNI.PSNVTSGVIVRSVQSN   327
NTDB id 181 SPR RS10425 WP 000681597.1        ITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNI.PSNVTSGVIVRSVQSN   327
NTDB id 145 SP RS11450 WP 000681597.1         ITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNI.PSNVTSGVIVRSVQSN   327
NTDB id 539 SM12261 RS09395 WP 000681587.1    ITSSKIAT....NGGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSDIRRLNI.PSNVTSGVVVRSVQSN   327
NTDB id 62469 YB51 RS10065 WP 009911075.1     ITSSKITSSSANSSGVAVEGLGFAIPANDAVAIINQLEKTGQVSRPALGVHMVNLTTLSTSQLEKAGLSNTELTSGVVIVSTQSG   332
NTDB id 381 SMU RS09890 WP 002262650.1        INSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSGRDTLKI.PSDVTSGIVVLSTQSG   336
consensus                                     !*!!!!**    *****!!!*!!!!!*!!***!!*!!!**!*!*!!!!!**!*!!*****!*******  ******!****!*!**
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logo
NTDB id 425 SGO RS10525 WP 012131081.1      MPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLTKSTDDLSSE   397
NTDB id 256 KZH43 RS10270 WP 000681597.1    MPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 215 SPD RS10945 WP 000681597.1      MPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 181 SPR RS10425 WP 000681597.1      MPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 145 SP RS11450 WP 000681597.1       MPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.   393
NTDB id 539 SM12261 RS09395 WP 000681587.1  MPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLDKSSGDLES.   393
NTDB id 62469 YB51 RS10065 WP 009911075.1   LPADGKLETFDVITEIDGEAIQNKSDLQSALYKHQIGDTITVTYYRNNQKQTVDIKLTHSTEELSE.   398
NTDB id 381 SMU RS09890 WP 002262650.1      MPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.   402
consensus                                   *!!*!*!***!!!!**!********!*!!*!!*!*****!**!*!!*****!**!*!  *****!**
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X non conserved

X similar

X $\geq$ 50% conserved