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logo
NTDB id 425 SGO RS10525 WP 012131081.1        .MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITYSESNS   84
NTDB id 539 SM12261 RS09395 WP 000681587.1    .MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.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
NTDB id 22483 GBS RS11075 WP 000728358.1      MKKKLVSSLLK...CSLIIIVSFAGGAFASFV...MNHNDNIPNGG..VTKTSKVNYNNITPTTKAVKKVQNSVVSVINYKQQES   77
NTDB id 381 SMU RS09890 WP 002262650.1        MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNG..KTTVSNVIYDTKSNTTKAVKNVKNTVVSVINYQKTDN   83
consensus                                      ********!***********!**!***************  *  ***********!*****!!*!!**!***!!!!!*!*****

logo
NTDB id 425 SGO RS10525 WP 012131081.1        DAI........FDNN..NSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTDTYSDISVVRI   159
NTDB id 539 SM12261 RS09395 WP 000681587.1    NSV........FGND..DTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 256 KZH43 RS10270 WP 000681597.1      NSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 215 SPD RS10945 WP 000681597.1        NSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 181 SPR RS10425 WP 000681597.1        NSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 145 SP RS11450 WP 000681597.1         NSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGADTFSDIAVVKI   158
NTDB id 22483 GBS RS11075 WP 000728358.1      RSDLSDFYSHFFG.NQGGNTDKGLQVYGEGSGVIYKKDGKNAYVVTNNHVIDGAKQIEIQLADGSKAVGKLVGSDTYSDLAVVKI   161
NTDB id 381 SMU RS09890 WP 002262650.1        S.....YYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYSDLAVIKI   163
consensus                                      ***        ****  ******* ***!!!!!!!*!****!!*!!!*!!***!****!****!*!**!**!!*!!*!!**!**!

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NTDB id 425 SGO RS10525 WP 012131081.1        PADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAAINPGNSGGPLVNIQG   244
NTDB id 539 SM12261 RS09395 WP 000681587.1    SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 256 KZH43 RS10270 WP 000681597.1      SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 215 SPD RS10945 WP 000681597.1        SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 181 SPR RS10425 WP 000681597.1        SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 145 SP RS11450 WP 000681597.1         SSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTAINPGNSGGPLINIQG   243
NTDB id 22483 GBS RS11075 WP 000728358.1      PSDKVSNIAEFADSSKLNIGETAIAIGSPLGTEYANSVTQGIVSSLKRTVTMTNEEGQTVSTNAIQTDAAINPGNSGGALINIEG   246
NTDB id 381 SMU RS09890 WP 002262650.1        SSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAAINPGNSGGALINIKG   248
consensus                                      ****!***!!!**!*!***!!*!!!!!!!!!**!!!*!!*!!!!!!*!*!****!*!****!*!!!!!*!!!!!!!!!*!*!!*!

logo
NTDB id 425 SGO RS10525 WP 012131081.1        QVIGITSSKIANTNN......GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSSSSSDRLKLPDNVKNGVV   323
NTDB id 539 SM12261 RS09395 WP 000681587.1    QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINTSDIRRLNIPSNVTSGVV   320
NTDB id 256 KZH43 RS10270 WP 000681597.1      QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 215 SPD RS10945 WP 000681597.1        QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 181 SPR RS10425 WP 000681597.1        QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 145 SP RS11450 WP 000681597.1         QVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVSTSDIRRLNIPSNVTSGVI   320
NTDB id 22483 GBS RS11075 WP 000728358.1      QVIGINSSKISSTSNQTSGQSSGNSVEGMGFAIPSNDVVKIINQLESNGQVERPALGISMAGLSNLPSDVISKLKIPSNVTNGIV   331
NTDB id 381 SMU RS09890 WP 002262650.1        QVIGINSSKIASSNNS....NSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEASTSGRDTLKIPSDVTSGIV   329
consensus                                      !!!!!*!!!!**  !      ****!!!*!!!!!*!!***!!*!!!*!!*!*!!!!!!*!**!!*********!**!**!**!**
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logo
NTDB id 425 SGO RS10525 WP 012131081.1      VRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIKLTKSTDDLSSE....   397
NTDB id 539 SM12261 RS09395 WP 000681587.1  VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLDKSSGDLES.....   393
NTDB id 256 KZH43 RS10270 WP 000681597.1    VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 215 SPD RS10945 WP 000681597.1      VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 181 SPR RS10425 WP 000681597.1      VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 145 SP RS11450 WP 000681597.1       VRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIKLNKSSGDLES.....   393
NTDB id 22483 GBS RS11075 WP 000728358.1    VASIQSGMPAQGKLKKYDVITKVDDKEWVSPSDLQSLLYGHQVGDSITVTFYRGENKQTVTIKLTKTSKDLAKQRANN   409
NTDB id 381 SMU RS09890 WP 002262650.1      VLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.....   402
consensus                                   !*!*!**!!!*!*!*!!!!!!**!*****!**!*!!*!!*!*****!**!*!!*****!**!*!  !***!!**
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X non conserved

X similar

X ≥ 50% conserved