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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 121861 EN71 RS11240 WP 000728357.1   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 121861 EN71 RS11240 WP 000728357.1  RSDLSDFYSHFFG.NQGGNTDKGLQVYGEGSGVIYKKDGKNAYVVTNNHVIDGAKQIEIQLADGSKAVGKLVGSDTYSDLAVVKI   161
NTDB id 381 SMU RS09890 WP 002262650.1       S.....YYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSDTYSDLAVIKI   163
consensus                                    ***        ****  ******* ***!!!!!!!*!****!!*!!!*!!***!****!****!*!**!**!!*!!*!!**!**!

logo
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 121861 EN71 RS11240 WP 000728357.1  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 121861 EN71 RS11240 WP 000728357.1  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 121861 EN71 RS11240 WP 000728357.1  VASIQSGMPAQGKLKKYDVITKVDDKEVASPSDLQSLLYGHQVGDSITVTFYRGENKQTVTIKLTKTSKDLAKQRANN   409
NTDB id 381 SMU RS09890 WP 002262650.1      VLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQLTKTSQDLNH.....   402
consensus                                   !*!*!**!!!*!*!*!!!!!!**!*****!**!*!!*!!*!*****!**!*!!*****!**!*!  !***!!**
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X non conserved

X similar

X ≥ 50% conserved