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logo

NTDB id 1050446 ACEY2C RS12860 WP 005470737.1   MVRKNVTPGRKPSSGLLKKLGIGILGGVVGGLLTFGGLYLAMGSSLTSPVTTATSGVQDNNGQTKVSNVKYDVNSDVTKA   80
NTDB id 381 SMU RS09890 WP 002262650.1          MNNTKSHPFLK.WFIPFLVIFLTFILGVIS...TLTFNWI..........TGNKSFSNNGK..TTVSNVIYDTKSNTTKA   64
NTDB id 425 SGO RS10525 WP 012131081.1          .MKNSSNFFKK.TLQVFIVLLVGFIGGVAG...TWGFSYF..........STPHSATNNNQKTATTVTTSYKNSNSTTEA   65
NTDB id 539 SM12261 RS09395 WP 000681587.1      .MKHLKTFYKK.GFQLLVVIVISFFSGALG...SFSINQL..........TQKSTEST.SNNNSTITQTAYKNENSTTQA   64
NTDB id 256 KZH43 RS10270 WP 000681597.1        .MKHLKTFYKK.WFQLLVVIVISFFSGALG...SFSITQL..........TQKSSVNN.SNNNSTITQTAYKNENSTTQA   64
NTDB id 215 SPD RS10945 WP 000681597.1          .MKHLKTFYKK.WFQLLVVIVISFFSGALG...SFSITQL..........TQKSSVNN.SNNNSTITQTAYKNENSTTQA   64
NTDB id 181 SPR RS10425 WP 000681597.1          .MKHLKTFYKK.WFQLLVVIVISFFSGALG...SFSITQL..........TQKSSVNN.SNNNSTITQTAYKNENSTTQA   64
NTDB id 145 SP RS11450 WP 000681597.1           .MKHLKTFYKK.WFQLLVVIVISFFSGALG...SFSITQL..........TQKSSVNN.SNNNSTITQTAYKNENSTTQA   64
consensus                                        *********! **************!***   *******          *****  * ************!******!*!

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NTDB id 1050446 ACEY2C RS12860 WP 005470737.1   VEKVQGAVVSIINLQQNNANGLEGLFGSGQQGGQGSGTENSGDDSSLEASSEGSGVIYKKVDGDKAYIVTNNHVVEGQDGL   160
NTDB id 381 SMU RS09890 WP 002262650.1          VKNVKNTVVSVINYQKTDNSYYNYDSGS........Q.EKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKL   135
NTDB id 425 SGO RS10525 WP 012131081.1          VDKVKDAVVSVITYSESNSDAIF.............D.NNNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKV   131
NTDB id 539 SM12261 RS09395 WP 000681587.1      VNKVKDAVVSVITYSANRQNSVF.............G.NDDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKV   130
NTDB id 256 KZH43 RS10270 WP 000681597.1        VNKVKDAVVSVITYSANRQNSVF.............G.NDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKV   130
NTDB id 215 SPD RS10945 WP 000681597.1          VNKVKDAVVSVITYSANRQNSVF.............G.NDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKV   130
NTDB id 181 SPR RS10425 WP 000681597.1          VNKVKDAVVSVITYSANRQNSVF.............G.NDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKV   130
NTDB id 145 SP RS11450 WP 000681597.1           VNKVKDAVVSVITYSANRQNSVF.............G.NDDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKV   130
consensus                                       !**!***!!!*!***********             * ********* ***!!!!!!!******!!*!!!*!!*******

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NTDB id 1050446 ACEY2C RS12860 WP 005470737.1   EVVLSDGTKVKAELVGTDAYTDLAVLRISSDKVDTVASFGDSDSLKVGEPAIAIGSPLGSSFANSVTQGIVSSLNRQVIN   240
NTDB id 381 SMU RS09890 WP 002262650.1          EIMMANGKKVVGKLVGSDTYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTS   215
NTDB id 425 SGO RS10525 WP 012131081.1          DIRLADGNKVPGEIVGTDTYSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSS   211
NTDB id 539 SM12261 RS09395 WP 000681587.1      DIRLSDGTKVPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSL   210
NTDB id 256 KZH43 RS10270 WP 000681597.1        DIRLSDGTKVPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSL   210
NTDB id 215 SPD RS10945 WP 000681597.1          DIRLSDGTKVPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSL   210
NTDB id 181 SPR RS10425 WP 000681597.1          DIRLSDGTKVPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSL   210
NTDB id 145 SP RS11450 WP 000681597.1           DIRLSDGTKVPGEIVGADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSL   210
consensus                                       ******!*!!****!!*!***!**!**!****!**!!*!**!****!!!*!!!!!!!!!!**!!*!!*!!!!!!!*!*!**

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NTDB id 1050446 ACEY2C RS12860 WP 005470737.1   QNESGEAVSINAIQTDAAINPGNSGGPLINVEGQVIGINSSKIASTSESTSSVSVEGMGFAIPSNDVVDIINQLEKDGKV   320
NTDB id 381 SMU RS09890 WP 002262650.1          QNENGETISTNAIQTDAAINPGNSGGALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEV   295
NTDB id 425 SGO RS10525 WP 012131081.1          RSEDGQTIATQAIQTDAAINPGNSGGPLVNIQGQVIGITSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKV   289
NTDB id 539 SM12261 RS09395 WP 000681587.1      KSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKV   286
NTDB id 256 KZH43 RS10270 WP 000681597.1        KSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKV   286
NTDB id 215 SPD RS10945 WP 000681597.1          KSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKV   286
NTDB id 181 SPR RS10425 WP 000681597.1          KSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKV   286
NTDB id 145 SP RS11450 WP 000681597.1           KSEDGQAISTKAIQTDTAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKV   286
consensus                                       **!*!******!!!!!*!!!!!!!!!*!*!**!!!!!!*!!!!!!*   *  ****!!!*!!!!!*!!***!!*!!!**!*!
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NTDB id 1050446 ACEY2C RS12860 WP 005470737.1  VRPALGIRTINLSSITSQQQEQILKVPSSVTDGVVVYSVNNATPAEQAGLKQYDVITKIDDTDISTTTDLQSALYKHKVG   400
NTDB id 381 SMU RS09890 WP 002262650.1         VRPALGISMANLSEASTSG.RDTLKIPSDVTSGIVVLSTQSGMPAD.GKLKKYDVITEIDGKKVASISDLQSILYKHKKG   373
NTDB id 425 SGO RS10525 WP 012131081.1         IRPALGIQMVNLSSLSSSS.SDRLKLPDNVKNGVVVRSTQTGMPAD.GKLEKYDVITKIDDTEISSASDIQSALYKHSIN   367
NTDB id 539 SM12261 RS09395 WP 000681587.1     TRPALGIQMVNLSNINTSD.IRRLNIPSNVTSGVVVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIG   364
NTDB id 256 KZH43 RS10270 WP 000681597.1       TRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIG   364
NTDB id 215 SPD RS10945 WP 000681597.1         TRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIG   364
NTDB id 181 SPR RS10425 WP 000681597.1         TRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIG   364
NTDB id 145 SP RS11450 WP 000681597.1          TRPALGIQMVNLSNVSTSD.IRRLNIPSNVTSGVIVRSVQSNMPAN.GHLEKYDVITKVDDKEIASSTDLQSALYNHSIG   364
consensus                                      *!!!!!!***!!!****** ***!**!**!**!**!*!*****!!* **!**!!!!!*!*******!*!!*!!*!***

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NTDB id 1050446 ACEY2C RS12860 WP 005470737.1  DTITVTFYRGKEEKTAKVVLSVDTSINEQSTDSSN   435
NTDB id 381 SMU RS09890 WP 002262650.1         DKIKLTFYREKDKQTVEIQLTKTSQDLNH......   402
NTDB id 425 SGO RS10525 WP 012131081.1         EEIKVTYYRDGKEQTTIIKLTKSTDDLSSE.....   397
NTDB id 539 SM12261 RS09395 WP 000681587.1     DTIKITYYRNGKEETTSIKLDKSSGDLES......   393
NTDB id 256 KZH43 RS10270 WP 000681597.1       DTIKITYYRNGKEETTSIKLNKSSGDLES......   393
NTDB id 215 SPD RS10945 WP 000681597.1         DTIKITYYRNGKEETTSIKLNKSSGDLES......   393
NTDB id 181 SPR RS10425 WP 000681597.1         DTIKITYYRNGKEETTSIKLNKSSGDLES......   393
NTDB id 145 SP RS11450 WP 000681597.1          DTIKITYYRNGKEETTSIKLNKSSGDLES......   393
consensus                                      **!**!*!!*****!****!  ********

X  non conserved
X  similar
X  ≥ 50% conserved
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