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logo
NTDB id 425 SGO RS10525 WP 012131081.1          ..MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNN.QKTATTVTTSYKNSNSTTEAVDKVKDAVVSVI   77
NTDB id 539 SM12261 RS09395 WP 000681587.1      ..MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.S.NNNSTITQTAYKNENSTTQAVNKVKDAVVSVI   76
NTDB id 256 KZH43 RS10270 WP 000681597.1        ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.S.NNNSTITQTAYKNENSTTQAVNKVKDAVVSVI   76
NTDB id 215 SPD RS10945 WP 000681597.1          ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.S.NNNSTITQTAYKNENSTTQAVNKVKDAVVSVI   76
NTDB id 181 SPR RS10425 WP 000681597.1          ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.S.NNNSTITQTAYKNENSTTQAVNKVKDAVVSVI   76
NTDB id 145 SP RS11450 WP 000681597.1           ..MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.S.NNNSTITQTAYKNENSTTQAVNKVKDAVVSVI   76
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  ..MSK.LKSVL...KVFLYLLAGFIGGVMAFFIMNSIKPTQQSDNDNVSKTTSTSKVTYNNTTSTTKAVKKVQDAVVSVI   74
NTDB id 381 SMU RS09890 WP 002262650.1         MNNTK.SHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSN...NGKTTVSNVIYDTKSNTTKAVKNVKNTVVSVI   76
consensus                                        ********************!**!**************   * * **********!*****!!*!!**!***!!!!!
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logo
NTDB id 425 SGO RS10525 WP 012131081.1          TYSESNSDA......IFDN...NNSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGT   148
NTDB id 539 SM12261 RS09395 WP 000681587.1      TYSANRQNS......VFGN...DDTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGA   147
NTDB id 256 KZH43 RS10270 WP 000681597.1        TYSANRQNS......VFGN...DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGA   147
NTDB id 215 SPD RS10945 WP 000681597.1          TYSANRQNS......VFGN...DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGA   147
NTDB id 181 SPR RS10425 WP 000681597.1          TYSANRQNS......VFGN...DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGA   147
NTDB id 145 SP RS11450 WP 000681597.1           TYSANRQNS......VFGN...DDTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGA   147
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  NYQKIDTASSDNYNSLFGDSSESKQTDDGLAIFSEGSGVIYKKDGKDAYIVTNNHVIDGAKRIEILLADGSKIVGTLIGS   154
NTDB id 381 SMU RS09890 WP 002262650.1         NYQKTDNS....YYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGS   152
consensus                                      *!*******      ****   ******** ***!!!!!!!*!****!!*!!!*!!***!****!****!*!**!***!*
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logo
NTDB id 425 SGO RS10525 WP 012131081.1          DTYSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDA   228
NTDB id 539 SM12261 RS09395 WP 000681587.1      DTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDT   227
NTDB id 256 KZH43 RS10270 WP 000681597.1        DTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDT   227
NTDB id 215 SPD RS10945 WP 000681597.1          DTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDT   227
NTDB id 181 SPR RS10425 WP 000681597.1          DTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDT   227
NTDB id 145 SP RS11450 WP 000681597.1           DTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDT   227
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  DTYSDLAVVKVSSEKIKSVAKFADSTKINIGEVAIAIGSPLGTEYANSVTEGIVSSLSRTVTLKNEEGKTVSTNAIQTDA   234
NTDB id 381 SMU RS09890 WP 002262650.1         DTYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDA   232
consensus                                      !!*!!**!*********!!*!**!*!***!!*!!!!!!!!!!**!!!*!!*!!!!!!*!*!****!*!****!*!!!!!*
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logo
NTDB id 425 SGO RS10525 WP 012131081.1          AINPGNSGGPLVNIQGQVIGITSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLSS   306
NTDB id 539 SM12261 RS09395 WP 000681587.1      AINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNINT   303
NTDB id 256 KZH43 RS10270 WP 000681597.1        AINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVST   303
NTDB id 215 SPD RS10945 WP 000681597.1          AINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVST   303
NTDB id 181 SPR RS10425 WP 000681597.1          AINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVST   303
NTDB id 145 SP RS11450 WP 000681597.1           AINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVST   303
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  AINPGNSGGALINVEGQVIGINSSKISSTNE..AGGAVEGMGFAIPSNDVVKIINQLEEKGEVIRPALGISMVNLGDLST   312
NTDB id 381 SMU RS09890 WP 002262650.1         AINPGNSGGALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEAST   312
consensus                                      !!!!!!!!!*!*!**!!!!!!*!!!!**   *   ****!!!*!!!!!*!!***!!*!!!**!*!*!!!!!!*!*!!*****
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logo
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NTDB id 425 SGO RS10525 WP 012131081.1          SSSDRLKLPDNVKNGVVVRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTIK   386
NTDB id 539 SM12261 RS09395 WP 000681587.1      SDIRRLNIPSNVTSGVVVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIK   383
NTDB id 256 KZH43 RS10270 WP 000681597.1        SDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIK   383
NTDB id 215 SPD RS10945 WP 000681597.1          SDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIK   383
NTDB id 181 SPR RS10425 WP 000681597.1          SDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIK   383
NTDB id 145 SP RS11450 WP 000681597.1           SDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSIK   383
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  SALSQLNVPKEVTSGIVVATVTEDMPATDKLKQYDIITAIDGEEVKTTSDLQSALYGHDINDEVKITFYRGNEKKTVTVK   392
NTDB id 381 SMU RS09890 WP 002262650.1          SGRDTLKIPSDVTSGIVVLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEIQ   392
consensus                                       !****!**!**!**!**!******!!!***!**!!*!!**!********!*!!*!!*!******!*!*!!*****!****
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logo
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NTDB id 425 SGO RS10525 WP 012131081.1          LTKSTDDLSSE   397
NTDB id 539 SM12261 RS09395 WP 000681587.1      LDKSSGDLES.   393
NTDB id 256 KZH43 RS10270 WP 000681597.1        LNKSSGDLES.   393
NTDB id 215 SPD RS10945 WP 000681597.1          LNKSSGDLES.   393
NTDB id 181 SPR RS10425 WP 000681597.1          LNKSSGDLES.   393
NTDB id 145 SP RS11450 WP 000681597.1           LNKSSGDLES.   393
NTDB id 1063779 ACG3JF RS06460 WP 003108843.1  LTKTTKDLEK.   402
NTDB id 381 SMU RS09890 WP 002262650.1          LTKTSQDLNH.   402
consensus                                       ! !***!!**
```

X non conserved
X similar
X $\geq$ 50% conserved