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logo
NTDB id 425 SGO RS10525 WP 012131081.1          .MKNSSNFFKKTLQVFIVLLVGFIGGVAGTWGFSYFSTPHSATNNNQKTATTVTTSYKNSNSTTEAVDKVKDAVVSVITY   79
NTDB id 539 SM12261 RS09395 WP 000681587.1      .MKHLKTFYKKGFQLLVVIVISFFSGALGSFSINQLTQKSTEST.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 256 KZH43 RS10270 WP 000681597.1        .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 215 SPD RS10945 WP 000681597.1          .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 181 SPR RS10425 WP 000681597.1          .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 145 SP RS11450 WP 000681597.1           .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY   78
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    ML..KS...KNILKPLWVLVIGFLGGLLAALVVNGFSQNSLTSSNAKGATTTSNVSFNNTTDTTKAVKVVQDAVVSVINY   75
NTDB id 381 SMU RS09890 WP 002262650.1          MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNK..SFSNNGKTTVSNVIYDTKSNTTKAVKNVKNTVVSVINY   78
consensus                                        *****************!****!**!***************  * *****!***********!!*!!**!***!!!!!*!

logo
NTDB id 425 SGO RS10525 WP 012131081.1          SESNSDAIF.......DNN.....NSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVG   147
NTDB id 539 SM12261 RS09395 WP 000681587.1      SANRQNSVF.......GND.....DTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVG   146
NTDB id 256 KZH43 RS10270 WP 000681597.1        SANRQNSVF.......GND.....DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVG   146
NTDB id 215 SPD RS10945 WP 000681597.1          SANRQNSVF.......GND.....DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVG   146
NTDB id 181 SPR RS10425 WP 000681597.1          SANRQNSVF.......GND.....DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVG   146
NTDB id 145 SP RS11450 WP 000681597.1           SANRQNSVF.......GND.....DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVG   146
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    QKAASPTISNPYINLFGEENDTSAVQKEDELSIHSEGSGVVYKKEGNTAYLVTNNHVIEGAQRIEILTADGSKIVGELVG   155
NTDB id 381 SMU RS09890 WP 002262650.1          QKTDNS.....YYNYDS..GSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVG   151
consensus                                        ********        ***      ******* ***!!!!!*!*!****!!*!!!*!!***!****!****!*!**!**!!

logo
NTDB id 425 SGO RS10525 WP 012131081.1          TDTYSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTD   227
NTDB id 539 SM12261 RS09395 WP 000681587.1      ADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTD   226
NTDB id 256 KZH43 RS10270 WP 000681597.1        ADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTD   226
NTDB id 215 SPD RS10945 WP 000681597.1          ADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTD   226
NTDB id 181 SPR RS10425 WP 000681597.1          ADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTD   226
NTDB id 145 SP RS11450 WP 000681597.1           ADTFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTD   226
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    ADTYSDLAVVKIAADKIKTTAKFADSTKINVGEVAIAIGSPLGTKYANSVTEGIVSSLSRTVTSRNEAGETISTNAIQTD   235
NTDB id 381 SMU RS09890 WP 002262650.1          SDTYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTD   231
consensus                                        *!!*!!**!**!*********!*!**!*!**!!!!*!!!!!!!!!**!!!*!!*!!!!!!*!*!****!*!**!*!*!!!!!

logo
NTDB id 425 SGO RS10525 WP 012131081.1          AAINPGNSGGPLVNIQGQVIGITSSKIANTNN..GSTSVEGMGFAIPSNDVVNIIEQLEKNGKVIRPALGIQMVNLSSLS   305
NTDB id 539 SM12261 RS09395 WP 000681587.1      TAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNIN   302
NTDB id 256 KZH43 RS10270 WP 000681597.1        TAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVS   302
NTDB id 215 SPD RS10945 WP 000681597.1          TAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVS   302
NTDB id 181 SPR RS10425 WP 000681597.1          TAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVS   302
NTDB id 145 SP RS11450 WP 000681597.1           TAINPGNSGGPLINIQGQVIGITSSKIAT..N..GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSNVS   302
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    AAINPGNSGGPLINIEGQVIGINSSKISSTP.TGSGGAIEGIGFAIPSSDVVTIINQLESNGAVIRPALGITMVNLSNLS   314
NTDB id 381 SMU RS09890 WP 002262650.1          AAINPGNSGGALINIKGQVIGINSSKIASSNNSNSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSEAS   311
consensus                                        *!!!!!!!!!*!*!!*!!!!!!*!!!!!**   *   *****!!*!!!!!**!***!!*!!!*!!*!*!!!!!!*!*!!!***
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logo

NTDB id 425 SGO RS10525 WP 012131081.1          SSSSDRLKLPDNVKNGVVVRSTQTGMPADGKLEKYDVITKIDDTEISSASDIQSALYKHSINEEIKVTYYRDGKEQTTTI   385
NTDB id 539 SM12261 RS09395 WP 000681587.1      TSDIRRLNIPSNVTSGVVVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSI   382
NTDB id 256 KZH43 RS10270 WP 000681597.1        TSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSI   382
NTDB id 215 SPD RS10945 WP 000681597.1          TSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSI   382
NTDB id 181 SPR RS10425 WP 000681597.1          TSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSI   382
NTDB id 145 SP RS11450 WP 000681597.1           TSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETTSI   382
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    TSALIQLNIPTSVTSGVVVASTQNSMPALGKLEQYDVITEVDGKEVSSISDLQSVLYSHEINDTIKVTFYRGTAKKKVDI   394
NTDB id 381 SMU RS09890 WP 002262650.1          TSGRDTLKIPSDVTSGIVVLSTQSGMPADGKLKKYDVITEIDGKKVASISDLQSILYKHKKGDKIKLTFYREKDKQTVEI   391
consensus                                       *!****!**!**!**!**!*!*!**!!!*!*!**!!!!!**!*****!**!*!!*!!*!****!!*!*!!********!
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logo

NTDB id 425 SGO RS10525 WP 012131081.1          KLTKSTDDLSSE.   397
NTDB id 539 SM12261 RS09395 WP 000681587.1      KLDKSSGDLES..   393
NTDB id 256 KZH43 RS10270 WP 000681597.1        KLNKSSGDLES..   393
NTDB id 215 SPD RS10945 WP 000681597.1          KLNKSSGDLES..   393
NTDB id 181 SPR RS10425 WP 000681597.1          KLNKSSGDLES..   393
NTDB id 145 SP RS11450 WP 000681597.1           KLNKSSGDLES..   393
NTDB id 1136602 DQL35 RS10545 WP 111678804.1    KLTKTTKDLTKKQ   407
NTDB id 381 SMU RS09890 WP 002262650.1          QLTKTSQDLNH..   402
consensus                                       *!  !***!!**
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X non conserved

X similar

X $\geq$ 50% conserved