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logo

NTDB id 362 SMU RS05200 WP 002262214.1          MIKLLLVEDDLSLSNSIFD.FLDDFADVMQVFDGEEGLYEAESGVYDLILLDLMLPEKNGFQVLKELRE..KGITTPVLI    77
NTDB id 413 AAK55817.1 141..845( )              MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTSSVPILM    77
NTDB id 374 SMU RS06885 WP 002262930.1          MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNSHVPIIM    77
NTDB id 54880 MIC7113 RS06095 WP 015181305.1    MTTALVVEDSRTDMQVIISCLQQGGLNVLTADSGEEALSKISSHQPDVIVLDVVLPGRSGYEICRDLKAEAKTRIIPVII    80
NTDB id 1417 SGL RS04200 WP 014407071.1         MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTKNVPVIM    80
consensus                                       ! **!*!*!*******!    *  *********** !*! * *  **!***!!***!** !*** ****   !* **!***

logo

NTDB id 362 SMU RS05200 WP 002262214.1          MTAKEGLDDKGHGFELGADDYLTKPFYLEELKMRIQALLKRSGKFNENN..........LTYGELTVDTATNTTMVNGKE   147
NTDB id 413 AAK55817.1 141..845( )              LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEE   156
NTDB id 374 SMU RS06885 WP 002262930.1          LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE   157
NTDB id 54880 MIC7113 RS06095 WP 015181305.1    CSTKSGEMDKFWGMKQGADAYLAKPVDQEELVRTVKQLIKR.........................................   121
NTDB id 1417 SGL RS04200 WP 014407071.1         CSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.........................................   121
consensus                                       ***!* **!*  !***!!!*!**!!* * !!**********                  *  *** *          * *

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NTDB id 362 SMU RS05200 WP 002262214.1          VELLGKEFDLLVYFLQNQNVILPKSQIFDRIWGFDSDTTISVVEVYVSKIRKKLKDTTFGK.NLQTLRSVGYILKDAN.   224
NTDB id 413 AAK55817.1 141..845( )              LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
NTDB id 374 SMU RS06885 WP 002262930.1          VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 54880 MIC7113 RS06095 WP 015181305.1    ......................................................................................   121
NTDB id 1417 SGL RS04200 WP 014407071.1         ......................................................................................   121
consensus                                       ***  ******         ** *  * * *****    *  *** * *** ** **      * * * *** **
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X non conserved

X similar

X ≥ 50% conserved