```
logo
NTDB id 413 AAK55817.1 141..845( )      MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIR...KTSSVPILM   77
NTDB id 374 SMU RS06885 WP 002262930.1  MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVR...KNSHVPIIM   77
NTDB id 32138 PCC7424 RS13720 WP 015954799.1 MGTALIVDDSLTEREIITHYLKQLGINVSTANSGEEALEKLNSQIPDLIVLDVVLPGRSGFEICRALKADTKTQKIPVIL   80
NTDB id 1417 SGL RS04200 WP 014407071.1 MNAVLLVEDSSSQREMISGILKDHGWQVTIACDGVEALEKLQNFSPDLVVLDIVMPRMNGYEVCRRIKSDPKTKNVPVIM   80
consensus                               !***!*!*! *** **!*******!* * *!**!*!!!**** **!!***!!***!***!*!*** ** * !** *!***

logo
NTDB id 413 AAK55817.1 141..845( )      LSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEE  156
NTDB id 374 SMU RS06885 WP 002262930.1  LSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTE  157
NTDB id 32138 PCC7424 RS13720 WP 015954799.1 CSTKGSEMDKFWGLKQGADAYIPKPVDQELLLTTVKNLIKS.....................................  121
NTDB id 1417 SGL RS04200 WP 014407071.1 CSSKGEEFDRFWGMRQGADAYIAKPFQPMELVGTIKQLLRN.....................................  121
consensus                               *!*! *!*!*  !***!!! !**!!*****!** *!*****  *      *  *    * **** **********  * *

   <0

logo
NTDB id 413 AAK55817.1 141..845( )      LDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*  234
NTDB id 374 SMU RS06885 WP 002262930.1  VELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.  235
NTDB id 32138 PCC7424 RS13720 WP 015954799.1 ......................................................................  121
NTDB id 1417 SGL RS04200 WP 014407071.1 ......................................................................  121
consensus                               ********** ***********************************************************
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X non conserved

X similar

X ≥ 50% conserved