```
logo

NTDB id 23406 ACIAD RS03605 WP 004922374.1   MEDKSKVIKIMVIDDSKTIRRTAETLLQKEGYTVVTATDGFEALSKIAQTNPDIIFVDIMMPRLDGYQTCALIKNSQNYQHIPVI   85
NTDB id 1047 HON27 RS03110 WP 000389061.1    MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQNIPVI   85
NTDB id 374 SMU RS06885 WP 002262930.1       ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEV...RKNSHVPII   76
NTDB id 413 AAK55817.1 141..845( )           ......MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFNGREALEQFEAEQPDIIILDLMLPEIDGLEVAKTI...RKTSSVPIL   76
consensus                                    ***   **!****!! !*!       ***!!****!!**! !!!*** ***!!** *!*!*! *!!   * *****  * **!**

logo

NTDB id 23406 ACIAD RS03605 WP 004922374.1   MLSSKDGLFDQAKGRIVGSDEYLIKPFSKDELLTAIRNHVSV.........................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1    MLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.........................................   127
NTDB id 374 SMU RS06885 WP 002262930.1       MLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRGTEVELT   161
NTDB id 413 AAK55817.1 141..845( )           MLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYGEELDLT   160
consensus                                    !!! !!  !!   ! **! !*!**!!!!  !!** ** ** **  *       *  *    * **** ********** * *****

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logo

NTDB id 23406 ACIAD RS03605 WP 004922374.1   ......................................................................   127
NTDB id 1047 HON27 RS03110 WP 000389061.1    ......................................................................   127
NTDB id 374 SMU RS06885 WP 002262930.1       HREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD.   235
NTDB id 413 AAK55817.1 141..845( )           HREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA*   234
consensus                                    ******* ***********************************************************
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X non conserved

X similar

X ≥ 50% conserved