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logo

NTDB id 36590 SMUNN2025 RS04650 WP 002266795.1  MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTSVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTMPV   80
NTDB id 372 SMU RS05280 WP 002262198.1          MNYKEKKILILDDNPEILEMVQESLNIAGFNNLTGVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTIPV   80
NTDB id 413 AAK55817.1 141..845( )              ....MKKILIVDDEKPISDIIKFNMTKEGYEVVTAFN.GREALEQFEAEQPDIIILDLMLPEIDGLEVAKTIRKTSSVPI   75
NTDB id 374 SMU RS06885 WP 002262930.1          ....MKKILIVDDEKPISDIIKFNLAKEGYDTITAFD.GREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKNSHVPI   75
consensus                                       **** !!!!!*!! **! ***   **  !****!* ** *!!!*** * **!* !!!*!!!** ! !! ***!!*!**!*

logo

NTDB id 36590 SMUNN2025 RS04650 WP 002266795.1  LFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKDDTL..........ILPTCQVNFSQALITKGE  150
NTDB id 372 SMU RS05280 WP 002262198.1          LFLSAVSDIEKQYQGFELGADDYIVKPFRPKELELRILSILKRAYPEKDDTL..........ILPTCQVNFSQALITKGE  150
NTDB id 413 AAK55817.1 141..845( )              LMLSAKDSEFDKVIGLELGADDYVTKPFSNRELQARVKALLRRSQPMPVDGQ.EADSKPQPIQIGDLEIVPDAYVAKKYG  154
NTDB id 374 SMU RS06885 WP 002262930.1          IMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVAKKRG  155
consensus                                       * !!!          ! !*!!!!!* !!! **!!* !*  *!*!********* *  *    **** *****  **  !*

logo

NTDB id 36590 SMUNN2025 RS04650 WP 002266795.1  LEIQLTAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS.  229
NTDB id 372 SMU RS05280 WP 002262198.1          LEIQLTAKEYSILKVLYNNQNRIVTFDQLLEKVWGLQYQGYENTMMAHIRKIRQKIEANPSKPECLLTVKGLGYKLKVS.  229
NTDB id 413 AAK55817.1 141..845( )              EELDLTHREFELLYHLASHTGQVITREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMRNNA  234
NTDB id 374 SMU RS06885 WP 002262930.1          TEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYMKSYD  235
consensus                                       *!**!!**!* *!***! **   **! **!!! !!!  ! !   !*  **!**! !!!  !!*!!**!! *!*!! ****

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logo

NTDB id 36590 SMUNN2025 RS04650 WP 002266795.1  .   229
NTDB id 372 SMU RS05280 WP 002262198.1          .   229
NTDB id 413 AAK55817.1 141..845( )              *   234
NTDB id 374 SMU RS06885 WP 002262930.1          .   235
consensus
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X non conserved
X similar
X ≥ 50% conserved