```
logo

NTDB id 247420 CO204 RS04930 WP 106006735.1  MNYKEKKILILDDNPEILEMVQESLSIAGFNNLTSVQSKKEALEQLGKRSFDLAILDIMLPDGSGFEVLREIRKTSTMPV   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 247420 CO204 RS04930 WP 106006735.1  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 247420 CO204 RS04930 WP 106006735.1  LEIQLTHREYELLKVLYNNTNRYVTREQLLETVWGYQVQGYVRTVMVTVRRLRQKIEDTPSRPEYLLTVRGVGYYMKVS  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 247420 CO204 RS04930 WP 106006735.1  .   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