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logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  .MNLQEKLQQLPNDAGVYQYFDKNGHLLYIGKAKILKNRVKSYFKFTP.KLQPADKLSPRIYKMISEVESCEWIVVPNEH   78
NTDB id 1206 C694 RS04180 WP 000774319.1      MADLLSSLKNLPNSSGVYQYFDKNRQLLYIGKAKNLKKRIKSYFSIRNNEITPNHRASLRIQMMVKQIAFLETILVENEQ   80
consensus                                     *  !   ! *!!!  !!!!!!!!! *!!!!!!!! !! !*!!!!   ** * ! ** !*!!  !*  *  *! !*!*!!*

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  DALILENSLIKQLKPKYNILLRDDKTYPYIFVDFDEDFPRLDITRRIQKSKSIKYFGPYSTGARDMLDSIYEIVPLVQKK  158
NTDB id 1206 C694 RS04180 WP 000774319.1      DALILENSLIKQLKPKYNILLRDDKTYPYIYMDFSTDFPIPLITRKILKQPGVKYFGPFTSGAKDILDSLYELLPLVQKK  160
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!  !!! * !!!*! ! * *!!!!!***!!*!*!!!*!!**!!!!!!

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  SCVKGKKACLFYQIQKCLAPCENKISKEEYAKIVENALEYIYNKTKLISKLNEKMLQYSNDFRFEEAMTLRDRIKTIEKS  238
NTDB id 1206 C694 RS04180 WP 000774319.1      NCIKDKKACIFYQIERCKAPCENKITKEEYLKIAKECLEMIENKDRLIKELELKMERLSNNLRFEEALIYRDRIAKIQKI  240
consensus                                      !*! !!!!*!!!! *! !!!!!!!*!!!! !!   *!! ! !! *!!  !  !!   !!  !!!!!*  !!!!  ! !

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  QIKSGIDLATNEDIDIFAINANNKKAVIVRMFLRDGKLTSSSHDFLKIDNFDEEFEFDYQEAYERAIINYYDNEIPLLPK  318
NTDB id 1206 C694 RS04180 WP 000774319.1      APFTCMDLAKLYDLDIFAFYGASNKAVLVKMFMRGGKIISSAFEKI.....HSLNGFDTDEAMKQAIINHYQSHLPLMPE  315
consensus                                      * ***!!!   !*!!!!  *   !!!*!*!!*! !!* !! ** *******    !!  !!   !!!!*!  **!!*!

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  EILIAH.ELEITNELEEFLHTRFNKKIKLINPKKDKKREIVNIALNNCDELLRIENSKNQTSIYEELKELFNLQTLPYLI  397
NTDB id 1206 C694 RS04180 WP 000774319.1      QILLNACSNETLKELQEFISHQYSKKIALSIPKKGDKLALIEIAMKNAQEIFSQEKTSNEDLILEEARSLFKLECMPYRV  395
consensus                                      !!* **   !   !! !!*** * !!! !  !!!   !   ** !!* !* !*   ! * !   ! !! * !! ! **!! *

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  ESFDNSHMMGQATVGAMIVWNESLNTFDKKAFRHYNLESKDEYSQMKEMLIRRIESFEKNPAPDLWIIDGGETLLKLAFD  477
NTDB id 1206 C694 RS04180 WP 000774319.1      EIFDTSHHSSSQCVGGMVVYEN..NAFQKNSYRRYHLKGSDEYTQMSELLTRRALDFAKEPPPNLWVIDGGRAQLNIALE  473
consensus                                     ! !! !!*    *!!*!*!*  **! ! !  *!*!*!   !!!*!! !*! !!   ! ! !*! !!*!!!!   ! *! *

logo

NTDB id 1147524 CKV87 RS03940 WP 095065851.1  IVQSVGVNLDIIAIAKEKIDAKAHRAKGKAKDIIHYKTKNGEFKSFNLLTSDKRLQFVQRQRDEAHRFAITFHKKQKRAQ  557
NTDB id 1206 C694 RS04180 WP 000774319.1      ILKSSGSFVEVIAISKEKRDSKAYRSKGGAKDIIHTPS.....DTFKLLPSDKRLQWVQKLRDESHRYAINFHRSTKLKN  548
consensus                                     !* ! !  ***!!! !!! ! !!*! !! !!!!!! ******* *! !!*!!!!!*!!* !!! !!*!! !!*   !   *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1147524 CKV87 RS03940 WP 095065851.1  DKQISLLQIKGIGEAKIKKLLLYFGEFEKIKKASFDELKTVLNEKDASTILDYFTNFKD   616
NTDB id 1206 C694 RS04180 WP 000774319.1      MKQIALLKEKGIGEASVKKLLDYFGSFEAIEKASEQEKNAVLKKRI.............   594
consensus                                      !!! !!  !!!!!! *!!!! !!! !! ! !!!  !   !!  * ************
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X non conserved

X similar

X $\geq$ 50% conserved