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logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  MTYSTSSKKSRALIKSGVSQLTPIGNKLVQAGYVGPDQMQQALIETRKSGRTLVEVLQALTGRQMPPDLQRSYKKHQLFE   80
NTDB id 1410 SGL RS13950 WP 010873519.1        MTSSSSSKKSRAVAL..RNYFSPFGNKLVAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELLRQYKKNQLFE   78
consensus                                      !! !*!!!!!!!*  **    *! !!!!! *!*! **!* !!!*  *!*!!*!*! ! !*!!! **!*! ! !!!*!!!!

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  LKVVYGVDCIDPEISQFDEAEMARLVDTLIPIDVCRRYKIIPLKKIETEPVGILVAMVDPDNLDAIDDVNRILRPRNLTL  160
NTDB id 1410 SGL RS13950 WP 010873519.1        LKVLYGVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGFEL  158
consensus                                      !!!*!!!!**!!!* *     !! !*    !*! !!!*! *!!    ! *!* *!!!!!!!!!! ! !**!!!!!**   !

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  HRQVITQQDYEQLLEKFHDAQSVLEEEKQRLAKEKELEKLGNLTDIVDSIDLGAVQDVGEDATDDLGADDAGKAPVINLV  240
NTDB id 1410 SGL RS13950 WP 010873519.1        RRLVVTQDDFNQLLEQYYAIREEWEAAQEKRDQERALDKLNDLTDIVGSIDMNLGED.KEDVDNALDSNDANQAPVINLV  237
consensus                                      *! !*!! !* !!!! **      !    *   !* !*!!  !!!!! !!!*    !* !!    !   !!  !!!!!!!

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  NKILAKALQEGTSDIHVEPQEEHLRVRFRKDGVLHQAFDPLPRQITPAVIARFKIMADLDIAERRLPQDGKIRRMFQGRK  320
NTDB id 1410 SGL RS13950 WP 010873519.1        NKILAKALQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRSPQDGKIRRIYQGRK  317
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!*!!!!!!!! !!!!!*!!!!!!!!*!!!!!! !!!!!!!!**!!!!

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  VDFRVNTLPSRYGEKVCLRILDNSATQLGLDKLITDQRTLQIVRELASRPEGLLLVTGPTGSGKSTSLYSVLAERNHPGV  400
NTDB id 1410 SGL RS13950 WP 010873519.1        VDFRVNTLPSRYGEKVCLRILDNSATQLGLDFLITNPETLQTVRELAARPYGLMLVTGPTGSGKSTTLYSVLAERNSPEV  397
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!! * !!! !!!!! !!*!!*!!!!!!!!!!!!!*!!!!!!!!!!*! !

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  NISTAEDPIEYSLPGITQVQVIREKGMDFSSILRAFMRQDPDVILVGETRDKETAKTAIEAALTGHLVLTTLHTNDAAGA  480
NTDB id 1410 SGL RS13950 WP 010873519.1        NINTAEDPIEYALPGITQVQVIREKGMDFSNILRAFMRQDPDVILVGETRDKETAKTAIEAALTGHLVLTTLHTNDAAGA  477
consensus                                      !! !!!!!!!! !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  IARLDEMGIEPFMVSGALLGVLAQRLMRRVCSECRVAYNPSKAELARFGLSASNEDEVTFYKANTLTSDELAEAKQQGSV  560
NTDB id 1410 SGL RS13950 WP 010873519.1        IARLDEMGVEPFMVSGSLLGVLAQRLMRKVCTECRIAYHPSKEELSRFGLSASGDEVVTFYKANSLSPDEIHLARQKGNL  557
consensus                                      !!!!!!!!*!!!!!!! !!!!!!!!!!!!*!!*!!!*!!*!!! !! !!!!!!! ** !!!!!!!*!**!!** !*! ! *
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logo
NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  CAKCGGKGYKGRVGVYEVMQNSERLQKLINEGATTDRIKDAAVEEGMTTLLAYSLNLVREGYTTLEEVERVTFTDSGLEA   640
NTDB id 1410 SGL RS13950 WP 010873519.1        CQKCSGSGYKGRVGVYEVMRNSERIAELINQGATTDRIKDCAVEEGMITLLAYSLNLVQEGYTTLEEVERVTFTDTGLES   637
consensus                                      ! !! ! !!!!!!!!!!!! !!!!*  !!! !!!!!!!!!*!!!!!!! !!!!!!!!!!! !!!!!!!!!!!!!!!!!*!!!

logo
NTDB id 38380 CYAN7822 RS08800 WP 013321897.1  ELKAKRKSGLTCRTCKAELVPEWLDCPYCMTARFSD   676
NTDB id 1410 SGL RS13950 WP 010873519.1        EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS.   672
consensus                                      !**!!!!!*!!!!!! !!! *!!!!!!!!!!! !!!*
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X non conserved

X similar

X $\geq$ 50% conserved