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logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   MSESLRKRLLMVEDTLSVATLYQAYLASLDIDIEIVSTGQQAITSIRSQVPNLILLDLKLPDMTGMDVLKKVRTLAPEVP   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ..........MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVP   70
consensus                                    **********!!!!! !!! !!  !! *!!!!! !! !!  !! !!    ! !!!!!!*!!!!!!!!!!  !*   !*!!

logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   VIFMTAHGSIDVAVEAMREGAYDFLIKPCEADRLRVTISKAIHQTHSSNKQQLFGESNTYQGFIGSSPSMHKVYRTIDSA   160
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IVFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASK.LKNDVDNKNQNYQGFIGSSQTMQAVYRTIDSA   149
consensus                                    **!!!!!!!!! !!!!!!*!! !!!!!!!!!!!!!!!*  !!*  * * !* *    * !!!!!!!!**!* !!!!!!!!

logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   ASSKASIFITGESGTGKEVCAEAIHSVSNRSEEPFIALNCAAIPKDLIESELFGHVKGAFTGASTDRKGAAELADGGTLF   240
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLF   229
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!  ! ! * !!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !*! !!!! !!!!!!!

logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   LDELCEMELDLQTKLLRFIQTGTFQKVGSSKLSRVDVRFVCATNKDPWQEVQKGRFREDLYYRLYVIPLHLPPLRERGDD   320
NTDB id 1157 A1552VC RS03895 WP 001888250.1  LDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDD   309
consensus                                    !!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!*  !!!!!!!!!!*!!! !!! !!!!!!!!!!!!!!!!!!!!!!! !!!!

logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   IIEIGYSLLGFMSIEENKAFNKFSPEVLRRFLAYPWPGNVRQLQNVIRNIVVLNQGEEVSLEMLPSPLDSVEVAEHSESI   400
NTDB id 1157 A1552VC RS03895 WP 001888250.1  VIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALP   389
consensus                                    *!!!*!!!!!!!! !! ! ! * !*!!* !!  !*!!!!!!!!!!!*!!*!!!! ! !**!*!!!*!!  *  * *   *

logo

NTDB id 89040 Pcarn RS04135 WP 261835124.1   VTNFLTPLTEEDEDEIVPLSLIERRVIERAIKLCDGSIPAAANKLDVSASTIYRKIERWEKGRG......   464
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ....LAHENKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                    ****!        *!! !! * !*  !! !!  !!! !! !!  !!!!*!!!!!!*  !     ******
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X non conserved

X similar

X ≥ 50% conserved