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logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   MSPRVLLVEDSTSLAILYKQYVKDEPYDLFHVETGKDAKEFINNYKPQLVILDLKLPDTTGEEILDWIMERQFQTSVIIA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                    *******!!!* !*! !!* !* * * !* *! !!*!! ! !    ! !**!!!*!!! !! **!  * !* *  ***

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   TAHGSVNTAVTLLQKGAEDFLEKPIQAERLKTSVRLHLQKAKLEKLVDKLETEFDRAKFHGFIGSSLPMQAVYKTIDSVA   160
NTDB id 1157 A1552VC RS03895 WP 001888250.1  TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASK..L..KNDVDNKNQNYQGFIGSSQTMQAVYRTIDSAA   150
consensus                                    !!!!!* !!!  * *!! !!! !!* !*!!* *!  ** !!  **!**! * *     **!!!!!! *!!!!!*!!!! !

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   PTTASVFVLGESGTGKEVCAEAIHKQSKRADKPFVAINCGAIPKDLMESEIFGHVKGAYTGATSDRKGAAAQAHGGTLFL   240
NTDB id 1157 A1552VC RS03895 WP 001888250.1  SSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFL   230
consensus                                    **  !!*!* !!!!!!!!!!!!!!!  !!!*!!!!*!!!!*!!!!!!*!!!*!!!!!!!*!!! **! !!!  !*!!!!!!

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   DELCEMDLEMQKKLLRFLQLGTFTPLGGSKESKVDVRIICATNRDPLQEVAEGRFREDLYYRVHVIPIDMPALRERGKDI   320
NTDB id 1157 A1552VC RS03895 WP 001888250.1  DELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDV   310
consensus                                    !!!!!!!!**! !!!!!*! !!! **! !!   !!!! *!!!!!!!  !! !!!!!!!!!!!**!!!***!*!! !! !*

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   TILASHFLRQYSRQDGKRFTKLSAEVERLFQGYEWPGNVRQLQNVMRNIVVLNDDTEVKLEYLPSPLNKLVNKGSTEPTA   400
NTDB id 1157 A1552VC RS03895 WP 001888250.1  IEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPIN.....   385
consensus                                      *! * !   !* *!! ! *!!!!!   !  !!!!!!!!!!!!!*!!*!!!!*  !* !* !!*!!! *  *  *****

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   APTEVTVNIEPAVAPVPVEQDVPATTEQVPEPIAAEPEEIEIKPMWLVERETIQQAIKHCDGNVLNAAVLLDLSPATIYR   480
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ....................RALP.......LAHENKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTIYR   439
consensus                                    ******************  *!******* **   *  *!! !*!* !*  ! !!! *!!!!** !!  !!*!! !!!!

logo

NTDB id 89064 Pcarn RS20355 WP 261836151.1   KKQQWEAQAKEQ....   492
NTDB id 1157 A1552VC RS03895 WP 001888250.1  KLQTWNEKVKEKEKER   455
consensus                                    ! ! !    !! ****
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X non conserved
X similar
X $\geq$ 50% conserved