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logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  MSVSLDKLAIALIFSGLTLLFLPDRFLLSWQTACYLLLLCPLMLLAYVLRQDKIKQIVMWLLILMIQSAYVHQSAISIL   80
NTDB id 1359 HI 0061 AAC21739.1              MKLNLITLVVLLIVADLTLLFLPQPLLLPWQVALVIALVLIFLF...IFLRRNFL....VSLAFFVASLGYFHYSALSLS   73
consensus                                    ! * !  ! * !!   !!!!!!! * !!*!! !* * !*!**! ***  !!   ****** !   *   *! ! !!*!*

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  TQADNLANLPKTVHREFTVKEILHQQHYQTLVIRAKLAENLPEQRIYAQWKLKQPVNPGERYAGNLRLRALSSRLNFDGF  160
NTDB id 1359 HI 0061 AAC21739.1              QQAQNITAQK..QVVTFKIQEILHQQDYQTLIATATLENNLQEQRIFLNWKAKEVPQLSEIWQAEISLRSLSARLNFGGF  151
consensus                                     !! !*   *** *  ! * !!!!!!*!!!!*  ! !  !!*!!!!* *!! ! **** ! * * * !! !! !!!! !!

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  DRQPWYFGKHITAWAEIKSAVKLENVFSLRQTALNQALQQTENLPRQGLLLALGFGERFRLDQKTWQIYQKTNTAHLIAI  240
NTDB id 1359 HI 0061 AAC21739.1              DRQQWYFSKGITAVGTVKSAVKIADVSSLRAEKLQQVKKQTEGLSLQGLLIALAFGERAWLDKTTWSIYQQTNTAHLIAI  231
consensus                                    !!!*!!! !*!!! * *!!!!!*  ! !!!   !*!   !!! !* !!!!*!!*!!!!  !!  !! !!! !!!!!!!!!

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  SGLHIGLAMMLGFTLARLLQFALPTRYISPTFPILCGFIFALLYSQLAGLAIPTLRAMIALAMLYAIQYWRRYWTVWQFL  320
NTDB id 1359 HI 0061 AAC21739.1              SGLHIGLAMGIGFCLARVVQVFFPTRFIHPYFPLVFGVLFALIYAYLAGFSVPTFRAISALVFVLFIQIMRRHYSPIQFF  311
consensus                                    !!!!!!!!! *!!*!!!**!   !!!*!*! !!***! *!!!*!  !!!  *!! !!* !!  *  !!  !!**** !!

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  LRVVALLIFIDPLMLLSTSFWLSVGAVTCLIVWYQYFPLSLLQWRGHSLANSPWRKVRYVFGLFHLQFGLLWLFTPIQLL  400
NTDB id 1359 HI 0061 AAC21739.1              TLVVGFLLFCDPLMPLSVSFWLSCGAVGCLLLWYRYVPFSLFQWKNRPFS....PKVRWIFSLFHLQFGLLLFFTPLQLF  387
consensus                                      !!* !*!*!!!!*!! !!!!!*!!! !!**!! ! ! !! !!* **  *****!!!**! !!!!!!!!!  !!!*!!

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  FFNGISLNSFIANVIAVPPYSFVLVPLVLFAVVTQGAWHSWQLANDLAEKITALLTPWQDDWLAISIPHSLWITLCLTFL  480
NTDB id 1359 HI 0061 AAC21739.1              LFNGLSLSGFLANFMAVPIYSFLLVPLILFAVFTNGTMFSWQLANKLAEGITGLISVFQGNWLTVSFNLALGLTALCAGI  467
consensus                                     !!!*!!  !*!! *!!!*!!!*!!!!*!!!! !*!  *!!!!!! !!! !!*!****!  !! *! ** ! *! **  *

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  FLVALYVIYKPPKPITSTLALSRQHRFKGFHFNPELSLPLRKSAYCVGGGLIALCCLTLISQSISRPNWQLETLDVGQGL  560
NTDB id 1359 HI 0061 AAC21739.1              FMLIIWNIYREPEISSSNWQIKRAKFFT.LNLSKPLLKNERINVLRCSFGIILLCFTILLFKQLSKPTWQVDTLDVGQGL  546
consensus                                    !** ** !!**! * *!   * ! * ! * *  **!  * !    **  !*! !!*  !*   *!*! !!**!!!!!!!
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logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  ATLIVKDGKGVLYDTGPSWKGGSMAQLEILPYLQRQGIDLEWLILSHDDNDHAGGAKDILAMYPHIQLTTASQKRYGSQN   640
NTDB id 1359 HI 0061 AAC21739.1              ATLIVKNGKGILYDTGSSWRGGSMAELEILPYLQREGIVLEKLILSHDDNDHAGGASTILKAYPNVELITPSRKNYGE..   624
consensus                                    !!!!!! !!!*!!!!!*!!*!!!!! !!!!!!!!! !! !! !!!!!!!!!!!!!!  !!  !!** ! !*! ! !! **

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  TEKNDRTFCQAGKQWHWQGLHFTVLSPENIVPRAENRDSCTLLLTDGTHHILLTGDADLSVEYKILPKLGKIHVLQVGHH   720
NTDB id 1359 HI 0061 AAC21739.1              ...NYRTFCTAGRDWHWQGLHFQILSPHNVVTRADNSHSCVILVDDGKNSVLLTGDAEAKNEQIFARTLGKIDVLQVGHH   701
consensus                                    ***! !!!! !!* !!!!!!!! *!!!*!*!*!!*! *!! *!* !! ***!!!!!!*   !    * !!!!*!!!!!!!

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  GSKTSTGQALVQHIQPDIALISSGRWNPWHFPHKDVVARLQQQGSQIYNTAHSGQISLLFYNEEIKIQTARAEFSPWYRR   800
NTDB id 1359 HI 0061 AAC21739.1              GSKTSTSEYLLSQVRPDVAIISSGRWNPWKFPHYSVMERLHRYKSAVENTAVSGQVRVNFFQDRLEIQQARTKFSPWYAR   781
consensus                                    !!!!!!   !* ** !!*!*!!!!!!!!!*!!!  !* !!*   ! * !!!*!!!* * !*** * !! !!  !!!!! !

logo
NTDB id 158572 ACT74 RS02965 WP 061869860.1  LIGLSTK   807
NTDB id 1359 HI 0061 AAC21739.1              VIGLSKE   788
consensus                                    *!!!!
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X non conserved

X similar

X $\geq$ 50% conserved