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logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  MNKTLKRQVFRHTALYAAILMFSHTGGGGGAMAQTHKYAIIMNERNQPEVKGNGQYSTIKDKGRERREYTHHKYKMGGGSV   80
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGG.GGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGSV   79
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!! * **! * !!!!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  SFNNSDELVSRQSGTAVFGTATYLPPYGKVSGFDDKRLKERGNAVNWIHTTHPGLIGYSYAGVVCRDSTGCPKLVYKTRF  160
NTDB id 1090 CAA90909.1 1..3114( )           FFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQLVYETKF  158
consensus                                     ! !*! !!! ! !!!!!!!!!!!!!!!!!!!!!!    !  ! !!! !!!!!**!! !! !  !*!! *  !! !!! !*!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  SFDNTGLAKNAGSLDRHPDPSRDNSPIYKLKDHPWLGVSFNLGSENTVKNGNSFNRLISSFNENNNNQTIVSTTESSPIS  240
NTDB id 1090 CAA90909.1 1..3114( )           SFDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQTIVSTTRGHSIS  238
consensus                                    !!!   !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! ! !!!*!!!!! ! !!!!!!!!!!  **!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  LGDQQREHTAVVYYLNAKLHLLDKKGIKDITN.KTVRLGVLKPSIDVKTQKTGTAGILSFWANWDIKDTGQIPVKLDLQQ  319
NTDB id 1090 CAA90909.1 1..3114( )           LSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVR...RGELLNFWATWKIEDKGNITVRLGLPE  315
consensus                                    ! !  !!!!!* !!!!!!!!!!!!!!!! !! **!!! !! !*! **    *** * *! !!! ! ! ! !*!*!*! !*

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  VKAGRCINKQNPNPKSQAPSPALTAPALWFGPVQNGKVQMYSASVSTYPDSSSSRIFLQNLKRKDDPNKPGRHSLEPLND  399
NTDB id 1090 CAA90909.1 1..3114( )           VKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLTE  395
consensus                                    !!!!!!*!! !!!!    !!!!!!!!!!!!!!!!  !!  !!!!!!!!!!!!!!!!!!*!!!!!!! !! !!!!!!!!*! *

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  TQIKSKEPTFTGRQTIIRLDDGVREIKLDKSN.EVTGLNGNDGKNDTFGIVSEGSFTPDVSEWKKVLLPWTVRGSADDGR  478
NTDB id 1090 CAA90909.1 1..3114( )           NDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNK  475
consensus                                      !!!*!! !!!!!!!!!!  !!!!!!!!* !*!!   !!!!! !!!!!!! *    !! !!!!!!!!!!!!!! !!! *

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  FKSINQE.....SSKYSQRYRIRENGNNSKRDLGDIVNSPIVAVGEYLATSANDGMVHIFKKNGGSDERSYNLKLSYIPG  553
NTDB id 1090 CAA90909.1 1..3114( )           FKAFNKEENNDNKPKYSQKYRSRDN.NKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGG.DKRSYNLKLSYIPG  553
consensus                                    !!   ! !***** *!!!!*!! !*!*!   ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!*! !!!!!!!!!!!!
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logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  TMPRKDIENKDSTLAKELRAFAEKGYVGDRYGVDGGFVLRKVER.NGKDHVFMFGAMGFGGRGAYALDLSKIDSGNGNLA   632
NTDB id 1090 CAA90909.1 1..3114( )           TMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSD..PT   631
consensus                                    !!!!!!! ! *!!!!**! !!!!!!!!!!!!!!!!!!!!!!* *!!  *!!!!!!!!!!!!!!!!!!!!*! !   ***

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  DVSLFDVKHD.KNGNNGVKLGYTVGTPQIGKTHNGKYAAFLASGYATKDI.NNGENKTALYVYDLENNNG.TPIAKIEVP   709
NTDB id 1090 CAA90909.1 1..3114( )           AVSLFDVKDNGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVP   711
consensus                                     !!!!!!!* * !!!! ! !!!!!!!!!!!!! !!!!!!!!!!!!!!*!*  !*!!!!!!!!!!!! !  * *! !!!!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  NGKGGLSSPTLVDKDLDGTIDIAYAGDRGGNMYRFDLSSDNPSSWTVRTIFQGTKPITSAPAISQLKDKRVVIFGTGSDL   789
NTDB id 1090 CAA90909.1 1..3114( )           GGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDL   791
consensus                                     !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!  !  !*!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  SEDDVLSTSEQYIYGIFDDDTATTGSVNFSGLGGGLLEQELKQ..EGKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKP   867
NTDB id 1090 CAA90909.1 1..3114( )           SEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKP   871
consensus                                    !!*!!    !!!!!!!!!!!!!!!!*!!!!  !!!!!!! !* *** !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  TVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANQAVAQYSGHKQTAKGKSIPIGCMQKGNEIV   947
NTDB id 1090 CAA90909.1 1..3114( )           TVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIV   951
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  CPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPDGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRIS  1027
NTDB id 1090 CAA90909.1 1..3114( )           CPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRIS  1031
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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logo

NTDB id 182805 AT729 RS11075 WP 079889575.1  WREVFF.  1033
NTDB id 1090 CAA90909.1 1..3114( )           WREVFY*  1037
consensus                                    !!!!!*
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X non conserved
X similar
X $\geq$ 50% conserved