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logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  ........................................MNEQNQPNVKQEGSYSTLREKDRKRKFDFNANRGGGGSVF   40
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGSVF   80
consensus                                    ****************************************!!! !!* !!  ! !!!***!!! !!! *!  !!!!!!!!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  FDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDEKRLTERGNALNWINTTHPGLIGYSYAGVVCRDSTSCPKLVYKTRFS  120
NTDB id 1090 CAA90909.1 1..3114( )           FDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQLVYETKFS  159
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!   !  ! !!* !!*!!**!! !! !  !*!! *  !! !!! !*!!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  FDNTGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKNGNSFNKLISSFSEDNNNQTIVSTTEGSPISL  200
NTDB id 1090 CAA90909.1 1..3114( )           FDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQTIVSTTRGHSISL  239
consensus                                    !!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ! !!!!!!!!!!! !!!!!!!!!! !**!!!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  SDQQREHTAVVYYLNAKLHLLDKKQIQNIT.DKTVQLGTLRPRVETTGR..SWLNFWATWKIEDKGNITVRLDLPEVKAG  277
NTDB id 1090 CAA90909.1 1..3114( )           SDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRGELLNFWATWKIEDKGNITVRLGLPEVKAG  319
consensus                                    !!  !!!!!* !!!!!!!!!!!!! !  ! * !!! !!!!!!!!! ! !**  !!!!!!!!!!!!!!!!!!! !!!!!!!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  RCVNANNPNKSTKAPSPALTAPALWFGPVQNGKAEMYSASVSTYPDSSSSRIFLQNLKRKNDSNRPGRHSLETLTENDIK  357
NTDB id 1090 CAA90909.1 1..3114( )           RCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLTENDIK  399
consensus                                    !!!!  !!!*  !!!!!!!!!!!!!!!!!  !!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !* *!!!!!!!!!!!!!!!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  SRQPNFTGRQTIIRLDSGVQQIKLQG..NEVANFNRNDGKNDTFGIVSEYGLTPDANEWKKVLLPWTVRAFNDDGRFNTV  435
NTDB id 1090 CAA90909.1 1..3114( )           SREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNKFKAF  479
consensus                                    !! !!!!!!!!!!!!  !!  !!!  ** !! !!! !!! !!!!!!! * !* !!  !!!!!!!!!!!!*! !! *!

logo
NTDB id 191438 A6M07 RS05415 WP 065825006.1  NKEEN.NGKPKYSQRYRIRENGNNGNNGKRDLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPGTM  514
NTDB id 1090 CAA90909.1 1..3114( )           NKEENNDNKPKYSQKYRSRDN....NKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPGTM  555
consensus                                    !!!!!*  !!!!!!*!! !*!****! ! ! !!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  PRKDIQNTESTLAKELRAFAEKSYVGDRYGVDGGFVLRQVE.LSGKKHVFMFGAMGFGGRGAYALDLTKAENGNPTAVSL   593
NTDB id 1090 CAA90909.1 1..3114( )           PRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAVSL   635
consensus                                    !!!!!!!!!!!!!!**! !!!! !!!!!!!!!!!!!! !**! !  *!!!!!!!!!!!!!!!!!!!!!!!!*   !!!!!!

logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  FDVKHDNNGKNSNNSVQLGYTVGTPQIGKTHNGKYAAFLASGYATKTI.DSTDNKTALYVYDLESSG..TLIKKIDVPGG   670
NTDB id 1090 CAA90909.1 1..3114( )           FDVKD..NGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVPGG   713
consensus                                    !!!!***!! ! !! ! !!!!!!!!!!!!!! !!!!!!!!!!!!!! !* ! !!!!!!!!!!!!   !** !!!!!*!!!!

logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  KGGLSSPTLVDKDLDGIVDIAYAGDRGGNMYRFDLSGNNPNSWTVRPIFEGTKPITSAPAISQLKDKRVVIFGTGSDLSE   750
NTDB id 1090 CAA90909.1 1..3114( )           KGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDLSE   793
consensus                                    !!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!! * !* !*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  DDVDNKDIQHVYGIFDNDTDTGTA..QDGQGKGLLEQVLSE..ENKTLFLTDYKRSNGSGSKGWMVKLQPRQRVTVKPTV   826
NTDB id 1090 CAA90909.1 1..3114( )           EDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKPTV   873
consensus                                    *!!!! * !**!!!!! !! !   **    ! !!!!!!!  ***!!!!!!!!!!!! !!! !!!*!!! * !!!!!!!!!

logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  VLRTAFVTIRKYED.NGCGAETAILGINTADGGKLTKKSARPIVPAANQAVAQYSGHKQTTKGKSIPIGCMQKGNEIVCP   905
NTDB id 1090 CAA90909.1 1..3114( )           VLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIVCP   953
consensus                                    !!!!!!!!!*!!  *  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !! !!!!!!!!!  ! !!!!!!!!!!! !!!!!!

logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  NGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRISWR   985
NTDB id 1090 CAA90909.1 1..3114( )           NGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRISWR  1033
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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logo

NTDB id 191438 A6M07 RS05415 WP 065825006.1  EVFY.   989
NTDB id 1090 CAA90909.1 1..3114( )           EVFY*  1037
consensus                                    !!!!
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X non conserved
X similar
X $\geq$ 50% conserved