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logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  MNKTLKRRVFRHTALYAAILMFSHTGGGGGGAMAQTHKYAIIMNEGNQPEVKQNGQYSTIKDKDREREYTYHQGTRGGGS   80
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGG..GGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGS   78
consensus                                    !!!!!!! !!!!!!!!!!!!!!!!!**!!!!!!!!!!!!!!! !!*!!! !!!!!!!!!!!!!! * !*     !!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  VSFNNSDELVSRQSGTAVFGTATYLPPYGKVSGFDEKRLTERGNALNWINTTHPGLIGYSYAGVVCRDSTSCPKLVYKTR  160
NTDB id 1090 CAA90909.1 1..3114( )           VFFDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRS.NQCPQLVYETK  157
consensus                                    ! ! !*! !!! ! !!!!!!!!!!!!!!!!!!!!!    !  ! !!* !!*!!**!! !! !  !*!! *  !! !!! !*

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  FSFDNTGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKNGNSFNKLISSFSEDNNNQTIVSTTEGSPI  240
NTDB id 1090 CAA90909.1 1..3114( )           FSFDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNNNQTIVSTTRGHSI  237
consensus                                    !!!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! ! !!!!!!!!!!! !!!!!!!!!! !**!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  SLGDQQREHTAVVYYLNAKLHLLDKKQIQNIT.DKTVQLGTLRPRVETTGR..SWLNFWATWKIEDKGNITVRLDLPEVK  317
NTDB id 1090 CAA90909.1 1..3114( )           SLSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRRGELLNFWATWKIEDKGNITVRLGLPEVK  317
consensus                                    !! !  !!!!!* !!!!!!!!!!!!!! !  ! * !!! !!!!!!!!! ! !**  !!!!!!!!!!!!!!!!!!! !!!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  AGRCVNANNPNKSTKAPSPALTAPALWFGPVQNGKAEMYSASVSTYPDSSSSRIFLQNLKRKNDSNRPGRHSLETLTEND  397
NTDB id 1090 CAA90909.1 1..3114( )           AGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLTEND  397
consensus                                    !!!!!!  !!!*  !!!!!!!!!!!!!!!!  !!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!! !* *!!!!!!!!!!!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  IKSRQPNFTGRQTIIRLDSGVQQIKLQG..NEVANFNRNDGKNDTFGIVSEYGLTPDANEWKKVLLPWTVRAFNDDGRFN  475
NTDB id 1090 CAA90909.1 1..3114( )           IKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDNKFK  477
consensus                                    !!!! !!!!!!!!!!!  !!   !!!   ** !! !!! !!! !!!!!!! * !* !!   !!!!!!!!!!!!*! !! *!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  TVNKEEN.NGKPKYSQRYRIRENGNNGNNGKRDLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPG  554
NTDB id 1090 CAA90909.1 1..3114( )           AFNKEENNDNKPKYSQKYRSRDN....NKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPG  553
consensus                                      !!!!!*  !!!!!!*!! !*!****! ! ! !!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  TMPRKDIQNTESTLAKELRAFAEKSYVGDRYGVDGGFVLRQVE.LSGKKHVFMFGAMGFGGRGAYALDLTKAENGNPTAV   633
NTDB id 1090 CAA90909.1 1..3114( )           TMPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAV   633
consensus                                    !!!!!!!!!!!!!!!!**! !!!! !!!!!!!!!!!!!! !**! !  *!!!!!!!!!!!!!!!!!!!!!!!!*   !!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  SLFDVKHDNNGKNSNNSVQLGYTVGTPQIGKTHNGKYAAFLASGYATKTI.DSTDNKTALYVYDLESSG..TLIKKIDVP   710
NTDB id 1090 CAA90909.1 1..3114( )           SLFDVKD..NGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVP   711
consensus                                    !!!!!!***!! ! !! ! !!!!!!!!!!!!!! !!!!!!!!!!!!!! !* ! !!!!!!!!!!!!  !** !!!!!*!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  GGKGGLSSPTLVDKDLDGIVDIAYAGDRGGNMYRFDLSGNNPNSWTVRPIFEGTKPITSAPAISQLKDKRVVIFGTGSDL   790
NTDB id 1090 CAA90909.1 1..3114( )           GGKGGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDL   791
consensus                                    !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! * !* !*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  SEDDVDNKDIQHVYGIFDNDTDTGTA..QDGQGKGLLEQVLSE..ENKTLFLTDYKRSNGSGSKGWMVKLQPRQRVTVKP   866
NTDB id 1090 CAA90909.1 1..3114( )           SEEDVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKP   871
consensus                                    !!*!!!! * !**!!!!! !! !   **    ! !!!!!!!  ***!!!!!!!!!!!!! !!! !!!*!!! * !!!!!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  TVVLRTAFVTIRKYKD.NGCGAETAILGINTADGGKLTKKSARPIVPAANQAVAQYSGHKQTTKGKSIPIGCMQKGNEIV   945
NTDB id 1090 CAA90909.1 1..3114( )           TVVLRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIV   951
consensus                                    !!!!!!!!!!!*!!  *  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !! !!!!!!!!!  ! !!!!!!!!!!! !!!!

logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  CPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRIS  1025
NTDB id 1090 CAA90909.1 1..3114( )           CPNGYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRIS  1031
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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logo

NTDB id 191409 A6L20 RS10395 WP 079870438.1  WREVFY.   1031
NTDB id 1090 CAA90909.1 1..3114( )           WREVFY*   1037
consensus                                    !!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved