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logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  MNKTLKRRVFRHTALYAAILMFSHTGGGGAQAQTRQYAIIMNEGNQPEVQWNGSYS.IKDKDRKREYTHHNHSRGGSSVS   79
NTDB id 1090 CAA90909.1 1..3114( )           MNKTLKRQVFRHTALYAAILMFSHTGGGGAMAQTHKYAIIMNERNQLEVKGNGQYSTIKDKDRERKFIYNKDRGGGGSVF   80
consensus                                    !!!!!!! !!!!!!!!!!!!!!!!!!!!! !!!* !!!!!!! !!*!!  !! !!*!!!!!! ! * ** *  !! !!

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  FNNSDELVSQQSGTAVFGTATYLPPYGKVSGFDADGLNKRGNAAGWIRTTRIALAGYSYEGIVCRSGTGCPKLVYKTRFS  159
NTDB id 1090 CAA90909.1 1..3114( )           FDNTDTLVSQQRGTAVFGTATYLPPYGKVSGFDADGLQKRNNAVDWIHTTQAGLAGYAYTDVICRSN.QCPQLVYETKFS  159
consensus                                    ! !*! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!*!! !!  !!*!!  *!!!! !  **!!! * !! !!! !*!!

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  FDNPDLVKNAGRLDRHTDPSRENSPIYKLKDYPWLGVSFNLGAEGTTKDGKTINKLVSSFDEKNSSNNNLVYTTEGRDIS  239
NTDB id 1090 CAA90909.1 1..3114( )           FDGIGLAKNAGSLDRHPDPSRENSPIYKLKDHPWLGVSFNLGSENTVKDGKSFNKLISSFSEGNN.NQTIVSTTRGHSIS  238
consensus                                    !! * ! !!!! !!!!*!!!!!!!!!!!!!!!*!!!!!!!!!! ! ! !!!!* !!!*!!! ! ! *!* *! !! !* !!

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  LGDWQREKTAMAYYLNAKLHLLDKKGIKDITN.KTVQLGVLRPSIDVRLQRNTGLAGLLNFWASWDIKDNGQIPVKLGLP  318
NTDB id 1090 CAA90909.1 1..3114( )           LSDWKREHTAMAYYLNAKLHLLDKKGIEDIAQGKTVDLGTLRPRVEATVRR....GELLNFWATWKIEDKGNITVRLGLP  314
consensus                                    ! !! !!*!!!!!!!!!!!!!!!!!!!! !! **!!! !! !!! **  * !***** !!!!!!*! ! ! !*!*!*!!!!

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  EVKAGRCINANNPNKSTKAPSPALTAPALWFGPVQNGKMEMYSASVSTYPDSSSSRIFLQNLKRKNDPNKPGRYSLATLN  398
NTDB id 1090 CAA90909.1 1..3114( )           EVKAGRCVNKANPNPNAKAPSPALTAPALWFGPVKDGKAEMYSASVSTYPDSSSSRIYLQNLKRKTDPGKPGRHSLETLT  394
consensus                                    !!!!!!!*!  !!!*  !!!!!!!!!!!!!!!!!  !! !!!!!!!!!!!!!!!!!!*!!!!!!! !! !!!!*!! !!

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  KSDIESREPTFTGRQTVIRLDKGVHQIKLKGNE..VEGFKGNNG.NDTFGIVSEGSFMPDDSEWKKVLLPWTVRGVNDD.  474
NTDB id 1090 CAA90909.1 1..3114( )           ENDIKSREPNFTGRQTIIRLNGGVREIKLDRNNTEVVNFNGNDGNNDTFGIVKDLGVEPDTSEWKKVLLPWTVRGFADDN  474
consensus                                     !! !!!! !!!!!!*!!!  !!* !!!  ! **!  ! !! !*!!!!!!! *    !! !!!!!!!!!!!!!  !!*

logo

NTDB id 191220 A6L42 RS11265 WP 079883358.1  QFKTFNKEEK.NGKPKYSQKYRSRDNGKHERNLGDIVNSPIVAVGEYLATSANDGMVHIFKKGNGDARNYSLKLSYIPGT  553
NTDB id 1090 CAA90909.1 1..3114( )           KFKAFNKEENNDNKPKYSQKYRSRDNNKGERNLGDIVNSPIVAVGEYLATSANDGMVHIFKQSGGDKRSYNLKLSYIPGT  554
consensus                                     !! !!!!! *  !!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!   !! ! ! !!!!!!!!!
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logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  MPRKDIQNTESTLAKELRAFAEKGYVGDRYGVDGGFVLRQVNNLNGQDRVFMFGAMGFGGRGAYALDLTKADSNNPTAVS   633
NTDB id 1090 CAA90909.1 1..3114( )           MPRKDIQNTESTLAKDVRTFAEKGYVGDRYGVDGGFVLRKVDNLNGQNRVFMFGAMGFGGRGAYALDLTKADGSDPTAVS   634
consensus                                    !!!!!!!!!!!!!!!**! !!!!!!!!!!!!!!!!!!!! ! !!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  LFDVKNDKNKGNNSAELGYTVGTPQIGKTHDGKYAAFLASGYATKTI.DDQQNKTALYVYDLESSG..TLIKKIDVPGGK   710
NTDB id 1090 CAA90909.1 1..3114( )           LFDVKDNGNNGNNRVELGYTVGTPQIGKTHDGKYAAFLASGYATKEIITSGDNKTALYVYDLEGNGTNNLIKKIEVPGGK   714
consensus                                    !!!!!   ! !!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !*    !!!!!!!!!!!  !** !!!!!*!!!!!

logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  GGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSGQDPNQWSVRTIFSGNKPITSAPAISQLKDKRVVIFGTGSDLSEE   790
NTDB id 1090 CAA90909.1 1..3114( )           GGLSSPTLVDKDLDGTVDIAYAGDRGGNMYRFDLSSQDPQQWSVRTIFEGTKPITSAPAISQLKDKRVVIFGTGSDLSEE   794
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!!!! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  DVDNNDIQSIYGIFDNDTDTGTA..QDGQGNGLLEQVLKKD..GNTLFLSDYKRSNGSGDKGWVVKLEAGQRVTVKPTVV   866
NTDB id 1090 CAA90909.1 1..3114( )           DVDNMEEQYIYGIFDDDTATTGTVNFSDSGGGLLEQVLRRDNDNKTLFLTDYKRSDGSGNKGWVVKLKDGQRVTVKPTVV   874
consensus                                    !!!! * ! !!!!!! !! !   **    ! !!!!!!!**!**  !!!!*!!!!! !!! !!!!!!!  !!!!!!!!!!!

logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  LRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANQAVAQYSGHKKGTNGKSIPIGCMWKNNETVCPN   946
NTDB id 1090 CAA90909.1 1..3114( )           LRTAFVTIHKYTGTDKCGAETAILGINTADGGKLTKKSARPIVPEANTAVAQYSGHKKGTNGKSIPIGCMQKSNEIVCPN   954
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!! ! !! !!!!

logo
NTDB id 191220 A6L42 RS11265 WP 079883358.1  GYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRISWRE  1026
NTDB id 1090 CAA90909.1 1..3114( )           GYVYDKPVNVRYLDEKKTDGFSTTADGDAGGSGIDPAGKRSGKNNRCFSQKGVRTLLMNDLDSLDITGPTCGMKRISWRE  1034
consensus                                    !!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved