```
logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      MITILSSHHYHTIKVWYVLQHSL.SGFKKLIHYF.GDCETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKMLA   78
NTDB id 1097486 ACM000 RS17915 WP 416040784.1  MLIQLSSHHYHTLKVWYLVQHSL.VSFKKIVDYF.GNCEKAVQPVNLAQWSNLGLHTNHLKRVAEFQTAQGQAQFEKLIQ   78
NTDB id 1073 ABD1 RS00865 WP 015451369.1       MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYF.GNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQLVQ   78
NTDB id 1043 H0N27 RS16615 WP 168727007.1      MLTQLSSHQYHTLKVWYLVQHSL.VSFKKIIDYF.GNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQLVQ   78
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTT....QAAKQAEQCLQ   69
NTDB id 1399 DSB67 RS15600 WP 010645755.1     ....MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.S....QVDKEVDACLT   71
consensus                                      **  **** ******!******* * ***** ** * ** ****  *  *  *!!****!*** *  * !** *** ***

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      .QLQTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGL  157
NTDB id 1097486 ACM000 RS17915 WP 416040784.1  .QIHQHTDFILTADDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFYVSSGL  157
NTDB id 1073 ABD1 RS00865 WP 015451369.1       .QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1043 H0N27 RS16615 WP 168727007.1      .QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1152 A1552VC RS00200 WP 000654772.1   WRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGL  149
NTDB id 1399 DSB67 RS15600 WP 010645755.1     WVAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGL  151
consensus                                       **  ****!*!*** *!!**!*** * !!**!**! ******!**!*!!!!**!**!*!****!***!********!!!

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      AHGIDEAAHQGSLVH.HRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLV  236
NTDB id 1097486 ACM000 RS17915 WP 416040784.1  AYGIDEAAHQGASVH.QRTIAVTGTGLDSTYPAQNKKLAEQILVQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1073 ABD1 RS00865 WP 015451369.1       AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1043 H0N27 RS16615 WP 168727007.1      AYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERII.AQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVV  228
NTDB id 1399 DSB67 RS15600 WP 010645755.1     ALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVA.ENGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLV  230
consensus                                      ! !!!**!!*!*  *  ***!! !*!!*  !!**** !** **  *!!***!!*!***!** *!!!!!!!*!!!!!!!*!

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      VEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEANADDS  316
NTDB id 1097486 ACM000 RS17915 WP 416040784.1  VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTQWQSQQQDSNEE....A  312
NTDB id 1073 ABD1 RS00865 WP 015451369.1       VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEE....A  312
NTDB id 1043 H0N27 RS16615 WP 168727007.1      VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEE....T  312
NTDB id 1152 A1552VC RS00200 WP 000654772.1   VEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFS.  307
NTDB id 1399 DSB67 RS15600 WP 010645755.1     VEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL....DLFS.  305
consensus                                      !!!**!!!!!!!!**!*!!!* !!**!**!******!**!!!**!!*!*************** ! ****    *

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      GKTDDADLPDDLLPLYQLLDW...QGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY  383
NTDB id 1097486 ACM000 RS17915 WP 416040784.1  IVSSTSEIPEHLVNLYQSLDW...VGQDIDQLVLHHSQPVAELTSSLMELELLGLCMQQSGLYLRCRS..  377
NTDB id 1073 ABD1 RS00865 WP 015451369.1       N.TNTPEIREHLIDLYQSLDW...VGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..  376
NTDB id 1043 H0N27 RS16615 WP 168727007.1      N.INTPEIPEHLIDLYQSLDW...VGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..  376
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .....AVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.  371
NTDB id 1399 DSB67 RS15600 WP 010645755.1     .....APIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.  369
consensus                                        *   ** * ** *** !**    ** *!*!  * **** ***  !*!!!!*!******! !*!***
```

X non conserved
X similar
X $\geq$50% conserved