```
logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1  .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTT....QAAKQAEQCLQ   69
NTDB id 1021 ACIAD RS00975 WP 004930462.1    MITILSSHHYHTIKVWYVLQHSL.SGFKKLIHYFGD.CETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKM.L   77
NTDB id 1073 ABD1 RS00865 WP 015451369.1     MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQL.V   77
NTDB id 253464 A388 RS00965 WP 059262676.1  MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQL.V   77
NTDB id 1043 HON27 RS16615 WP 168727007.1    MLTQLSSHQYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQL.V   77
consensus                                    ***************!******* ***!******** *****!******!***!!****!******** !***!*!** *

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  WRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGL  149
NTDB id 1021 ACIAD RS00975 WP 004930462.1    AQLQTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGL  157
NTDB id 1073 ABD1 RS00865 WP 015451369.1     QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 253464 A388 RS00965 WP 059262676.1  QQVVQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1043 HON27 RS16615 WP 168727007.1    QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
consensus                                    *** *****!*!!****!!**!******!!**!**!*******!**!*!!!!**!**!!!*!**!***!***!****!!!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  ALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQ.GALVSEFAPHTPPKADHFPRRNRIISGLSLGVVV  228
NTDB id 1021 ACIAD RS00975 WP 004930462.1    AHGIDEAAHQGSLVH.HRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLV  236
NTDB id 1073 ABD1 RS00865 WP 015451369.1     AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 253464 A388 RS00965 WP 059262676.1  AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEHILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1043 HON27 RS16615 WP 168727007.1    AYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
consensus                                    !*!!!**!!*!** * ****!!*!*!!***!!*****!***!****!!***!!*!*!!!***!!!!!!!!!*!!!!!!!*!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  VEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSA  308
NTDB id 1021 ACIAD RS00975 WP 004930462.1    VEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEANADLS  316
NTDB id 1073 ABD1 RS00865 WP 015451369.1     VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT.....EE  311
NTDB id 253464 A388 RS00965 WP 059262676.1  VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT.....EE  311
NTDB id 1043 HON27 RS16615 WP 168727007.1    VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT.....EE  311
consensus                                    !!!**!!!!!!!!**!!!!!**!!**!!*!*****!!**!!!!*!!*!*****!!***!*****!********     **

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  VQ.SDEELP..FPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
NTDB id 1021 ACIAD RS00975 WP 004930462.1    GKIDDADLPDDLLPLYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY   383
NTDB id 1073 ABD1 RS00865 WP 015451369.1     ANTNTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 253464 A388 RS00965 WP 059262676.1  TNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1043 HON27 RS16615 WP 168727007.1    TNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
consensus                                     *************!***********!*!**************!*!!!!!!******!*!*!***
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X non conserved
X similar
X $\geq$ 50% conserved