```
logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1      .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTT....QAAKQAEQCLQ   69
NTDB id 1014019 ABWW73 RS18230 WP 002017176.1    MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQL.V   77
NTDB id 1043 H0N27 RS16615 WP 168727007.1        MLTQLSSHQYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQL.V   77
NTDB id 1073 ABD1 RS00865 WP 015451369.1         MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQL.V   77
NTDB id 1021 ACIAD RS00975 WP 004930462.1        MITILSSHHYHTIKVWYVLQHSL.SGFKKLIHYFGD.CETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKM.L   77
consensus                                        ***************!******* ***!******** *****!******!***!!****!******** !***!*!** *

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NTDB id 1152 A1552VC RS00200 WP 000654772.1      WRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGL  149
NTDB id 1014019 ABWW73 RS18230 WP 002017176.1    QQVRQHTDFILTPDDSGYPTQLLPYTDYPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1043 H0N27 RS16615 WP 168727007.1        QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1073 ABD1 RS00865 WP 015451369.1         QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1021 ACIAD RS00975 WP 004930462.1        AQLQTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGL  157
consensus                                        *********!*!!****!!**!***** !!**!**!*******!**!*!!!!**!**!!!*!**!***!***!****!!!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1      ALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQ.GALVSEFAPHTPPKADHFPRRNRIISGLSLGVVV  228
NTDB id 1014019 ABWW73 RS18230 WP 002017176.1    AYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQNFPRRNRIVSGLSLGVLV  236
NTDB id 1043 H0N27 RS16615 WP 168727007.1        AYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1073 ABD1 RS00865 WP 015451369.1         AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1021 ACIAD RS00975 WP 004930462.1        AHGIDEAAHQGSLVH.HRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLV  236
consensus                                        !*!!!**!!*!** * ****!!*!*!!***!!*****!***!****!!***!!*!*!!!****!!!!!!!*!!!!!!!*!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1      VEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSA  308
NTDB id 1014019 ABWW73 RS18230 WP 002017176.1    VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQ.....TEE  311
NTDB id 1043 H0N27 RS16615 WP 168727007.1        VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQ.....TEE  311
NTDB id 1073 ABD1 RS00865 WP 015451369.1         VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQ.....TEE  311
NTDB id 1021 ACIAD RS00975 WP 004930462.1        VEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEANADDS  316
consensus                                        !!!**!!!!!!!!**!!!!!**!!**!!*!*****!!**!!!!*!!*!*****!!***!*****!*******     ***

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NTDB id 1152 A1552VC RS00200 WP 000654772.1      V.QSDEELP..FPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
NTDB id 1014019 ABWW73 RS18230 WP 002017176.1    ANTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1043 H0N27 RS16615 WP 168727007.1        TNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1         ANTNTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1021 ACIAD RS00975 WP 004930462.1        GKTDDADLPDDLLPLYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY   383
consensus                                        **************!***********!*!**************!*!!!!!!******!*!*!***
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X non conserved
X similar
X $\geq$50% conserved