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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 369071 FIM01 RS19485 WP 001991425.1  MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVSEFQTPQGQTQFEQL.V   77
NTDB id 1043 HON27 RS16615 WP 168727007.1    MLTQLSSHQYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQFEQL.V   77
NTDB id 1073 ABD1 RS00865 WP 015451369.1    MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYFGN.CEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQL.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 369071 FIM01 RS19485 WP 001991425.1  QQVVQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1043 HON27 RS16615 WP 168727007.1    QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1073 ABD1 RS00865 WP 015451369.1    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 369071 FIM01 RS19485 WP 001991425.1  AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEHILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1043 HON27 RS16615 WP 168727007.1    AYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1073 ABD1 RS00865 WP 015451369.1    AYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  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 369071 FIM01 RS19485 WP 001991425.1  VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQKQT.....KE  311
NTDB id 1043 HON27 RS16615 WP 168727007.1    VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQT.....EE  311
NTDB id 1073 ABD1 RS00865 WP 015451369.1    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 369071 FIM01 RS19485 WP 001991425.1  ANTNTPEIPEHLIDLYQSLDWVGQNIDQLVIHHNVPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1043 HON27 RS16615 WP 168727007.1    TNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1    ANTNTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..   376
consensus                                   **************!************!*!**************!*!!!!!!******!*!*!***
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X non conserved
X similar
X $\geq$ 50% conserved