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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1       MITILSSHHYHTIKVWYVLQHSL.SGFKKLIHYF.GDCETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKMLA   78
NTDB id 1006754 ABLB96 RS03560 WP 348896917.1  MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYF.GNCEKATQPHGLTEWPSLGLHANHLKRVNEFQTAQGQAQFEQLVQ   78
NTDB id 1073 ABD1 RS00865 WP 015451369.1       MLTQLSSHHYHTLKVWYLVQHSL.VSFKKIIDYF.GNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQFEQLVQ   78
NTDB id 1043 HON27 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                                      *** **** ******!******* * ***** ** * ** * **  *  *  *!!****!*** *  * !** *******

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NTDB id 1021 ACIAD RS00975 WP 004930462.1       .QLQTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGL  157
NTDB id 1006754 ABLB96 RS03560 WP 348896917.1  .QVHQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFYVSSGL  157
NTDB id 1073 ABD1 RS00865 WP 015451369.1       .QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGL  157
NTDB id 1043 HON27 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                                       **  ****!*!*** *!!**!*** * !!**!**! ******!**!*!!!!**!**!*!****!***!********!!!

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NTDB id 1021 ACIAD RS00975 WP 004930462.1       AHGIDEAAHQGSLV.HHRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLV  236
NTDB id 1006754 ABLB96 RS03560 WP 348896917.1  AYGIDEAAHQGASA.HQRTIAVTGTGLDSTYPAQNKNLAEHILAQNGAIISEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1073 ABD1 RS00865 WP 015451369.1       AYGIDEAAHQGASA.HQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1043 HON27 RS16615 WP 168727007.1      AYGIDEAAHQGAST.HQRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLV  236
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVV  228
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLV  230
consensus                                      ! !!!**!!*!*   * ***!! !*!!*  !!**** !** *** *!!***!!*!***!** *!!!!!!!*!!!!!!!*!

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NTDB id 1021 ACIAD RS00975 WP 004930462.1       VEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGEANADDS  316
NTDB id 1006754 ABLB96 RS03560 WP 348896917.1  VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTQWQSQQQNQTDE...VE  313
NTDB id 1073 ABD1 RS00865 WP 015451369.1       VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEE.....  311
NTDB id 1043 HON27 RS16615 WP 168727007.1      VEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEE.....  311
NTDB id 1152 A1552VC RS00200 WP 000654772.1    VEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQAT....  304
NTDB id 1399 DSB67 RS15600 WP 010645755.1      VEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL....D....  302
consensus                                      !!!**!!!!!!!!**!*!!!* !!**!**!******!**!!!**!!*!*************** ! ****    *

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NTDB id 1021 ACIAD RS00975 WP 004930462.1       GKTDDADLPDDLLPLYQLLDWQG...QDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRCRSPY  383
NTDB id 1006754 ABLB96 RS03560 WP 348896917.1  VNVNTPEIPEHLIGLYQSLDWVG...QDIDQLVIQHHVPVSELTSSLMELELLGLCMQQSGLYLRCRS..  378
NTDB id 1073 ABD1 RS00865 WP 015451369.1       ANTNTPEIREHLIDLYQSLDWVG...QNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..  376
NTDB id 1043 HON27 RS16615 WP 168727007.1      TNTNTPEIPEHLIDLYQSLDWVG...QNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRCRS..  376
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ..LFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.  371
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ..LFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.  369
consensus                                         * ** *  ** *** !***!    * *!*!    **** ***   !*!!!!*!******! !*!***
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X non conserved
X similar
X $\geq$50% conserved