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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 111213 ACMCNJ RS05035 WP 226691654.1  ....MESIDETLLRLMQVPRLGGVAIDKILSNVTLNELLNYDKEAFEQMGWGAIQIRRWFKPERK.....FIDPVLSWAE   71
NTDB id 1361 HI 0985 AAC22646.1                ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 1250 GC085 RS13065 WP 027219989.1     .....MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNLMF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLS   71
NTDB id 1399 DSB67 RS15600 WP 010645755.1     MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACLTWVA   74
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCLQWRS   72
consensus                                                *  *! !  ****!*  * ****      ****       **    **  *     !      ***  ! !

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      Q.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIG   149
NTDB id 111213 ACMCNJ RS05035 WP 226691654.1  E.EGNHLVNYFSPFYPYLLKQIVSFPPLLFVKGNITAISQRQMAMVGSRYCTSYGEYWAKYFATELSLAGFTITSGLALG   150
NTDB id 1361 HI 0985 AAC22646.1                K.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG   150
NTDB id 1250 GC085 RS13065 WP 027219989.1     SSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALG   151
NTDB id 1399 DSB67 RS15600 WP 010645755.1     ASSHHHILTLADALYPPLLKQTVAPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALG   154
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALG   152
consensus                                       *  ****   * !! !!!** * !**!***! *********!*!!!!  *  !   ** !****   ** **!!!!*!

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      IDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEA   229
NTDB id 111213 ACMCNJ RS05035 WP 226691654.1  IDGYCHKAVVDIKGQTIAVLGSGLEEIYPAKHRSLAEQILWNDGALISEFMPHQPPVAANFPRRNRIISGLSVGTLVIEA   230
NTDB id 1361 HI 0985 AAC22646.1                IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA   230
NTDB id 1250 GC085 RS13065 WP 027219989.1     IDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEA   230
NTDB id 1399 DSB67 RS15600 WP 010645755.1     IDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEA   233
NTDB id 1152 A1552VC RS00200 WP 000654772.1   IDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEA   231
consensus                                     !!*  ! * *   ! !*!!!!*!****!! *!  !****** *!*!*!!! *  *!*! *!!*!!!!!!!!!** *!*!!

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      TVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQ.SVHIQPSL.FDTKPKQAV   307
NTDB id 111213 ACMCNJ RS05035 WP 226691654.1  TEKSGSLITARYALEQNREIFAVPGSVQSEFSQGCHRLIKQGAMLVENVKDILDTFYQH...SIHSQTEIDFDQIETENY   307
NTDB id 1361 HI 0985 AAC22646.1                TEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQH...SIHSQTEIDFDQIAVPNY   307
NTDB id 1250 GC085 RS13065 WP 027219989.1     AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.....FT..........S   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL............   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVP..........Y   301
consensus                                      **!!!!!!!!!*!*!! !*****!*****  * !** !***!! !! ** ****  *       **   *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      KSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 111213 ACMCNJ RS05035 WP 226691654.1  T.PPPNPRRLV.EAPSHPKLYARIGYTPVSIDDLAEEFGLPVDVLLVQLLDLELQDLILSENGLYKRV....   373
NTDB id 1361 HI 0985 AAC22646.1                T.PPPDPRRLV.EAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1     .NKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1399 DSB67 RS15600 WP 010645755.1     ...DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .QATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
consensus                                       * *    *  *     * !   ** *  **! **   * * ** ****!**!!! * ** * !*!**
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X non conserved
X similar
X $\geq$ 50% conserved