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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 158589 ACT74 RS08890 WP 061869984.1   ....MNKHLALLRLLQIPKLGPTTIHKILAQINLFELQYYDAAAFTQMGWNAQQIQAWFHPEQR.....YIEAALLWGE   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 158589 ACT74 RS08890 WP 061869984.1   K.EGNHILDYFHPDYPELLKQIESAPPVLFVKGATSALSQQQIAIVGSRQCSSYGEYWAKYFATELTTNGFIITSGLALG   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 158589 ACT74 RS08890 WP 061869984.1   IDGFCHQAVVDLKQPTIAVLGSGLEEVYPAKHLKLAQNIIEHGGALVSEFFPLQPPIAENFPRRNRIISGLSLATLIIEA   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                                     !!*  ! * *   * !*!!!!*!****!! *! *!* **** *!*!*!!! *  *!*!**!!*!!!!!!!!!** ***!!

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     TVNSGSGLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQP..SLFDTKPKQAV   307
NTDB id 158589 ACT74 RS08890 WP 061869984.1   TERSGSGLITARYALEQKREIFALPGNIQSQFSQGCHKLIKQGAMLVENVEDILENLAPQMTWKKRPQNRPHFPAITKT..   308
NTDB id 1361 HI 0985 AAC22646.1               TEKSGSGLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQT...EIDFDQIAVP..   305
NTDB id 1250 GC085 RS13065 WP 027219989.1     AIKSGSGLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.....FTS..........   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AEKSGSGLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL............   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AEKSGSGLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPY..........   301
consensus                                      **!!!!!!!!*!*!! !*****!*****  * !** !***!! !! ** **** *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     KSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 158589 ACT74 RS08890 WP 061869984.1   TSASL....PPPVTPSHPELYNLIGYNPISADNLSTTLNLSIDQILIQLLELELQDLIISENGLYRRV....   372
NTDB id 1361 HI 0985 AAC22646.1               NYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   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