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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 115402 PMCN01 RS09275 WP 015702596.1   ....MSSYLPLLRLLQIPRLGSLAIQRLLEHISPAELMEYDTKAFQQIGWTAQQIQRWFTPENR.....YIDPALAWVN   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 115402 PMCN01 RS09275 WP 015702596.1   E..QQHIVDWFDPHYPPLLKQTEEAPLVLFVKGEVATLSAQQVAIVGSRHCSRYGEYWANYFATQLAYADIVVTSGLALG   149
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      ASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALG   154
NTDB id 1152 A1552VC RS00200 WP 000654772.1    AANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALG   152
consensus                                         * ****   * !! !!!*    !**!***! *  ** ***!*!!!!  *  !   ** !****    * **!!!!*!

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      IDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEA   229
NTDB id 115402 PMCN01 RS09275 WP 015702596.1   IDGFSHQAVVDIHGKTIAVLGSGLEVIYPKKHRGLAEKIIEHQGALVSEFLPFQPPVAENFPRRNRIISGLSLGTLVIEA   229
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      TVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQAVKS   309
NTDB id 115402 PMCN01 RS09275 WP 015702596.1   SENSGSLITARYALEQNRDVFALPGQIQHGFSQGCHKLIKQGAILVESIQDILEHLSPYS..HCAMPALPRTENAFSQQV   307
NTDB id 1361 HI 0985 AAC22646.1                TEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAV.PNY   307
NTDB id 1250 GC085 RS13065 WP 027219989.1      AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ......FTSN........   296
NTDB id 1399 DSB67 RS15600 WP 010645755.1      AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS.INQSL...........   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1    AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWS.LSEQVPYQ........   302
consensus                                       **!!!!!!!!!*!*!! !*!***!*****  * !** !***!! !!  * **** *            *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      EPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 115402 PMCN01 RS09275 WP 015702596.1   TDTSTINTARITPEHPELYAKIGYMPVSIDVLAQQVNLPIDTLLVQLLTLELQDLIVAENGLYQRK....   373
NTDB id 1361 HI 0985 AAC22646.1                TPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1      KPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1399 DSB67 RS15600 WP 010645755.1      .DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
consensus                                         **          * !   ** *  **! **  *** ** ****!**!!! * **** !*!**
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X non conserved
X similar
X $\geq$ 50% conserved