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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1       .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 1106189 ACN6IU RS06420 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                                                 *  *! !  ****!   * ***    *  ** *        **    **  *     *     ***  ! !

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1       Q.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIG  149
NTDB id 1106189 ACN6IU RS06420 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 1106189 ACN6IU RS06420 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 1106189 ACN6IU RS06420 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                                        **!!!!!!!!*!*!! !*!***!*****  * !** !***!! !!  * **** *             *

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1       EPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1106189 ACN6IU RS06420 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