logo

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 387512 FOB52 RS02880 WP 150331980.1   ....MSSYLPLLLRLLQIPRLGPLAIQRLLEHVSPAELMEYDTKAFQQMGWTAQQIQRWFTPENR.....YIDPALAWVN   71
NTDB id 1361 HI 0985 AAC22646.1               ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 1250 GCO85 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 387512 FOB52 RS02880 WP 150331980.1   E..QQHIVDWFDPHYPPLLKQTEGAPLVLFVKGEVATLSARQVAIVGSRHCSRYGEYWANYFATQLAYADIVVTSGLALG   149
NTDB id 1361 HI 0985 AAC22646.1               K.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG   150
NTDB id 1250 GCO85 RS13065 WP 027219989.1     SSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSRELSRHGVSIVSGLALG   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 387512 FOB52 RS02880 WP 150331980.1   IDGFSHQAVVDSHGKTIAVLGSGLEVIYPKKHRGLAEKIIEHQGALVSEFLPFQAPVAENFPRRNRIISGLSLGTLVIEA   229
NTDB id 1361 HI 0985 AAC22646.1               IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA   230
NTDB id 1250 GCO85 RS13065 WP 027219989.1     IDAHAHLGCLEGGGKTIAVLGTGLDCIYPRRHLKLAEQITE.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     TVNSGSGLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQAVKS   309
NTDB id 387512 FOB52 RS02880 WP 150331980.1   SEHSGSGLITARYALEQNRDVFALPGQIQHGCSQGCHKLIKQGAILVESIQDILEHLSPYS..HCAMPTLPRTENAFSQQV   307
NTDB id 1361 HI 0985 AAC22646.1               TEKSGSGLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAV.PNY   307
NTDB id 1250 GCO85 RS13065 WP 027219989.1     AIKSGSGLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ......FTSN........   296
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AEKSGSGLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS.INQSL...........   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AEKSGSGLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWS.LSEQVPYQ........   302
consensus                                      **!!!!!!!!!*!*!! !*!***!*****  * !** !***!! !!  * **** *              *
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NTDB id 1388 A4U84 RS04945 WP 062924099.1     EPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 387512 FOB52 RS02880 WP 150331980.1   TDTSTISTARITPEHPELYAQIGYMPVSIDVLAQQVNLPIDTLLVQLLTLELQDLIVAENGLYQRK....   373
NTDB id 1361 HI 0985 AAC22646.1               TPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GCO85 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