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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 1151812 LQ983 RS04040 WP 111295660.1  ....MNTHLPLFLRLLQIPKLGPTSIQKILDQVNLFDLQDYDVTAFKHIGWNAQQIQAWFNPEKR.....YIEPALLWGE   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 1151812 LQ983 RS04040 WP 111295660.1  K.EGNHILDYYHPDYPKQLKQIDSAPPVLFVKGETSTLSHPQIAIVGSRQCSSYGEYWAKYFASELTTNGFIITSGLALG   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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IDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEA   229
NTDB id 1151812 LQ983 RS04040 WP 111295660.1  IDGFCHQAAVDLGQPTIAVLGSGLEEVYPAKHRKLAQHIIEQGGALVSEFFPLQPPIAENFPRRNRIISGLSLATLIIEA   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      TVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSL.FDTKPKQAVK   308
NTDB id 1151812 LQ983 RS04040 WP 111295660.1  TERSGSLITARYALEQNREIFALPGNIQSQFSQGCHKLIKQGAMLVENVEDILENLAPQMAWKEHLKNRPHFSSPTTISP   310
NTDB id 1361 HI 0985 AAC22646.1                TEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTPP   310
NTDB id 1250 GC085 RS13065 WP 027219989.1     AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ...............FTS   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQS..........L..   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQ..........VPY   301
consensus                                      **!!!!!!!!!*!*!! !*****!*****  * !** !***!! !! ** **** *

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      SEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1151812 LQ983 RS04040 WP 111295660.1  Q..QE....EKVSPTYPELYQAIGYTPISIDSLSSTLNLSVEQLLIQLLELELQELIYSENGLYRRT....   371
NTDB id 1361 HI 0985 AAC22646.1                PDPRR....LVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   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