logo



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NTDB id 1361 HI 0985 AAC22646.1          ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 1050876 ABJR17 RS01080 WP 040080546.1  .....MAYQYDLLRLL.QVQIGPQRIGRLLAELDFAEFCAYDKTQLRQIGWNEKQIQRWFNPDKN.....WIEQALTWAE   69
NTDB id 1388 A4U84 RS04945 WP 062924099.1  .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
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 1361 HI 0985 AAC22646.1          K.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG   150
NTDB id 1050876 ABJR17 RS01080 WP 040080546.1  Q.PNQQILSLFDKAYPFLLRQISTAPPILFVKGNVESLSLPQIAIVGSRDYSPYGEYWAGQFAADLVKHNTAVTSGLAIG   148
NTDB id 1388 A4U84 RS04945 WP 062924099.1  Q.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIG   149
NTDB id 1250 GCO85 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 1361 HI 0985 AAC22646.1          IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA   230
NTDB id 1050876 ABJR17 RS01080 WP 040080546.1  IDGFAHKKVVEYQGITIAVLGSGLNRIYPARHQKLAEQIVESGGALVSEFSPNQPPIAENFPRRNRIISGLSLGTLVIEA   228
NTDB id 1388 A4U84 RS04945 WP 062924099.1  IDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEA   229
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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logo



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NTDB id 1361 HI 0985 AAC22646.1          TEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTP.   309
NTDB id 1050876 ABJR17 RS01080 WP 040080546.1  TINSGSLITARYALEQGREVFALPNAVQNPYAQGCHKLIKEGALLVEGVEDILEAVASQYQPQQIP.LFDEPKPIVSTSL   307
NTDB id 1388 A4U84 RS04945 WP 062924099.1  TVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHI.....QPSLFDTKPK   304
NTDB id 1250 GCO85 RS13065 WP 027219989.1  AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ..........FT......   294
NTDB id 1399 DSB67 RS15600 WP 010645755.1  AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQ.....SL.......   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSE.....QVP......   300
consensus                                    *!!!!!!!!*!*!!*!*!***!******    !** !***!! !!  * **** *
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NTDB id 1361 HI 0985 AAC22646.1          ...PPDPRR....LVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1050876 ABJR17 RS01080 WP 040080546.1  QAVKSSEKFAKNPPNLTACQQQIYQHISLEPIAIDDLARATELTIETLLVELLGLELAGVIKQVSGGYVMDNGY.   381
NTDB id 1388 A4U84 RS04945 WP 062924099.1  QAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1250 GCO85 RS13065 WP 027219989.1  ...SNKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1399 DSB67 RS15600 WP 010645755.1  ......DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...YQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
consensus                                          *          **   **  *   *!  **   * * **  *** !**!!!  * **  *  !*!**
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X non conserved
X similar
X $\geq$50% conserved