logo



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NTDB id 1361 HI 0985 AAC22646.1                ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 199123 BG562 RS12215 WP 006251919.1    .....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 199123 BG562 RS12215 WP 006251919.1    Q.PNQQILSLFDKAYPFLLRQISTAPPILFVKGNVESLSLPQIAIVGSRDYSPYGEYWAGQFAADLVKHNMAVTSGLAIG   148
NTDB id 1388 A4U84 RS04945 WP 062924099.1      Q.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIG   149
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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logo



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NTDB id 1361 HI 0985 AAC22646.1                IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA   230
NTDB id 199123 BG562 RS12215 WP 006251919.1    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 199123 BG562 RS12215 WP 006251919.1    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 199123 BG562 RS12215 WP 006251919.1    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