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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLS.EVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQDQQ   74
NTDB id 1361 HI 0985 AAC22646.1               ....MNDITYTLLRLMQVPKLGGVGIDKILS.NITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQKEGN   75
NTDB id 1250 GC085 RS13065 WP 027219989.1     .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSEN   75
NTDB id 89457 F7G76 RS20130 WP 000228550.1    .....MVDTEIWLRLMSISSLYGDDMVRIAH.WV..AKQSHIDAVVLQQTGLTLRQAQRFLSFPRKSIESSLCWLEQPNH   72
NTDB id 1399 DSB67 RS15600 WP 010645755.1     MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLS.KDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAASSH   78
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ...MKDQDLAAWLALCFTPKLGSKTISHLLA.TRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSAANN   76
consensus                                                *   ! !  ** ***  * ***       * **    *   !*   *** *     * **  ! !     *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     Q.ILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGIDGF   153
NTDB id 1361 HI 0985 AAC22646.1               H.LVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGH   154
NTDB id 1250 GC085 RS13065 WP 027219989.1     HHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAH   155
NTDB id 89457 F7G76 RS20130 WP 000228550.1    H.LIPADSEFYPPQLLATTDYPGALFVEGELHALHSFQLAVVGSRAHSWYGERWGRLFCETLAKHGVTITSGLARGIDGV   151
NTDB id 1399 DSB67 RS15600 WP 010645755.1     HHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALGIDGH   158
NTDB id 1152 A1552VC RS00200 WP 000654772.1   RYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGIDGY   156
consensus                                     * ***     !! *!*     !**!***! * **  ***!*!!!!  *  !   ** !  **  *** **!!!!*!!!*

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     CHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEATVNS   233
NTDB id 1361 HI 0985 AAC22646.1               CHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEATEKS   234
NTDB id 1250 GC085 RS13065 WP 027219989.1     AHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKS   234
NTDB id 89457 F7G76 RS20130 WP 000228550.1    AHKAALQVNGVSIAVLGNGLNTIHPRRHARLATSLLEHGGALVSEFPLDVPPLAYNFPRRNRIISGLSKGVLVVEAALRS   231
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AHDGALLAGCKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEAAEKS   237
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAEKS   235
consensus                                     *! **** *! **!!!!*!*****! *! *!*  *** *!*!*!!! *  *!*! *!!*!!!!!!!!!****!*!!* *!

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     GSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSL.FDTKP..KQAVKSE   310
NTDB id 1361 HI 0985 AAC22646.1               GSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAVPNYTPPPD   312
NTDB id 1250 GC085 RS13065 WP 027219989.1     GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN............K.....   297
NTDB id 89457 F7G76 RS20130 WP 000228550.1    GSLVTARCALEQGREVFALPGPIGNPGSEGPHWLIKQGAILVTEPEEILENLQFGLHWLPDA............P...EN   296
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQ............SL....   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSE............QVPYQA   303
consensus                                     !!!*!!!*!*!!*!*!***!*** ** * ! * !***!! !!     ****  *         *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1     PKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT.............   375
NTDB id 1361 HI 0985 AAC22646.1               PR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV.............   373
NTDB id 1250 GC085 RS13065 WP 027219989.1     PIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER.........   361
NTDB id 89457 F7G76 RS20130 WP 000228550.1    SFYSPDQEDVALPFPELLANVGDEVTPVDVVAERAGQPVPEVVTQLLELELAGWIAAVPGGYVRLRRACHVRRTNVFV   374
NTDB id 1399 DSB67 RS15600 WP 010645755.1     DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG..........   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   TLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG..........   371
consensus                                       **    *      * !* *** * * *! ** ** * *   ****!**!!! * **** !*!**
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X non conserved
X similar
X $\geq$ 50% conserved