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logo
NTDB id 1361 HI 0985 AAC22646.1          ....MNDITYTLLRLMQVPKLGGVGIDKILSNI.TLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQKEGN   75
NTDB id 1388 A4U84 RS04945 WP 062924099.1  .....MTHLTKLLALLQVPQLGAQRIGRLLSEV.DFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQDQQ   74
NTDB id 1466 ASU2 RS09750 WP 015674213.1   ......MSQTDLLKLLQIPQLGAQRIARLLSEV.DFAQFCQYDKRQLQQIGWNEKQIQRWFNPEKRWIESALAWAEQPNQ   73
NTDB id 1250 GC085 RS13065 WP 027219989.1  .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSEN   75
NTDB id 60229 O0938 RS20355 WP 025912246.1 .....MTSTEIWLRLMHTGSLCGDVMVEAAARL...QRQEGIDTLVLRNAGLTAKQAERFVALNESELERSLIWLEQPGH   72
NTDB id 1445 BW25113 RS17035 WP 000228551.1 .....MVDTEIWLRLMSISSLYGDDMVRIAHWV...AKQSHIDAVVLQQTGLTLRQAQRFLSFPRKSIESSLCWLEQPNH   72
NTDB id 1399 DSB67 RS15600 WP 010645755.1  MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKD.TPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAASSH   78
NTDB id 1152 A1552VC RS00200 WP 000654772.1 ...MKDQDLAAWLALCFTPKLGSKTISHLLATR.LPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSAANN   76
consensus                                  !*!* ** ***  * ***  *       ***   * * !*  ******     * **  ! !     *

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NTDB id 1361 HI 0985 AAC22646.1          .HLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGH   154
NTDB id 1388 A4U84 RS04945 WP 062924099.1  .QILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGIDGF   153
NTDB id 1466 ASU2 RS09750 WP 015674213.1   .RLLTLFDEEYPFLLRQISTAPPVLFVRGSISSLSLPQIAIVGSRDFSAYGEYWAGYFSEQLIKHHLAVTSGLAIGIDGF   152
NTDB id 1250 GC085 RS13065 WP 027219989.1  HHILTWDSPYYPALLKEIADPPFLLYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAH   155
NTDB id 60229 O0938 RS20355 WP 025912246.1 .HLLTANHPLYPPLLRTIPDYPGALFIKGNPETLNTVQLAVVGSRAPSWYGERWGKILCEQLSQSGFTITSGLACGIDGV   151
NTDB id 1445 BW25113 RS17035 WP 000228551.1 .HLIPADSEFYPPQLLATTDYPGALFVEGELHALHSFQLAVVGSRAHSWYGERWGRLFCETLATRGVTITSGLARGIDGV   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 1361 HI 0985 AAC22646.1          CHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEATEKS   234
NTDB id 1388 A4U84 RS04945 WP 062924099.1  CHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEATVNS   233
NTDB id 1466 ASU2 RS09750 WP 015674213.1   CHQRAVAEQGITIAVLGSGLDQVYPARHKKLAEQIVESGGALVSEFFPNHPPLAENFPRRNRIISGLSLGTLVVEATVNS   232
NTDB id 1250 GC085 RS13065 WP 027219989.1  AHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCTLVIEAAIKS   234
NTDB id 60229 O0938 RS20355 WP 025912246.1 AHSAALSVKGRSVAVLGNGLFSIYPRRHQALAMRLIESDGAIVSEFPLSAQPRPANFPRRNRIISGLSKGVLVVEAARRS   231
NTDB id 1445 BW25113 RS17035 WP 000228551.1 AHKAALQVNGVSIAVLGNGLNTIHPRRHARLAASLLEQGGALVSEFRPLDVPPLAYNFPRRNRIISGLSKGVLVVEAALRS   231
NTDB id 1399 DSB67 RS15600 WP 010645755.1  AHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEAAEKS   237
NTDB id 1152 A1552VC RS00200 WP 000654772.1 AHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAEKS   235
consensus                                  *! ***  *! **!!!!*!****! *! *!*  ***  !***!!! *  *!** *!!*!!!!!!!!!****!*!!* *!

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NTDB id 1361 HI 0985 AAC22646.1          GSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQ.TEIDFD............Q   301
NTDB id 1388 A4U84 RS04945 WP 062924099.1  GSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQ........   305
NTDB id 1466 ASU2 RS09750 WP 015674213.1   GSLITARYALEQGREVFALPNSVQNPYAQGCHKLIKEGAVLTETIEDILQAIQYQLPDQPRQQALFETEQAVEKTQFFAK   312
NTDB id 1250 GC085 RS13065 WP 027219989.1  GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN................   296
NTDB id 60229 O0938 RS20355 WP 025912246.1 GSLVTARCALEQGREVFALPGPIGNPGCEGPHWLIKQGATPVTEVADILENLQYGLQWLQEDP...E.............   295
NTDB id 1445 BW25113 RS17035 WP 000228551.1 GSLVTARCALEQGREVFALPGPIGNPGSEGPHWLIKQGAILVTEPEEILENLQFGLHWLPDAP...E.............   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1  GSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL................   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1 GSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQ.............   302
consensus                                  !!!*!!!*!*!!*!*!*!***!***  **    ! * !***!!  **   * **** *    *            *
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NTDB id 1361 HI 0985 AAC22646.1              IAVPNYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV........   373
NTDB id 1388 A4U84 RS04945 WP 062924099.1    ..AVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT........   375
NTDB id 1466 ASU2 RS09750 WP 015674213.1     ANMPNKVNHFAKKLPEMTACQQQIVEHIGLNPISIDDLAKATALEVETLLVELLGLELLSVIKQVSGGYVRQ........   384
NTDB id 1250 GC085 RS13065 WP 027219989.1    ......KPIFSLASGKE.....NLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER....   361
NTDB id 60229 OO938 RS20355 WP 025912246.1   ......KRQYSSDQGKVALPFPKLLANVGDEVTPVDVVAERAGQPVPVTVAQLLELELAGWIAAVPGGYVRLRRACHVRR   369
NTDB id 1445 BW25113 RS17035 WP 000228551.1  ......NSFYSPDQQDVALPFPELLANVGDEVTPVDVVAERAGQPVPEVVTQLLELELAGWIAAVPGGYVRLRRACHVRR   369
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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                                             TNVFV
NTDB id 1361 HI 0985 AAC22646.1              .....   373
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .....   375
NTDB id 1466 ASU2 RS09750 WP 015674213.1     .....   384
NTDB id 1250 GC085 RS13065 WP 027219989.1    .....   361
NTDB id 60229 OO938 RS20355 WP 025912246.1   TDVFV   374
NTDB id 1445 BW25113 RS17035 WP 000228551.1  TNVFV   374
NTDB id 1399 DSB67 RS15600 WP 010645755.1    .....   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1  .....   371
consensus
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X non conserved

X similar

X ≥ 50% conserved