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NTDB id 1361 HI 0985 AAC22646.1                ....MNDITYTLLRLMQVPKLGGVGIDKILSN.ITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQKEGN   75
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSE.VDFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQDQQ   74
NTDB id 1466 ASU2 RS09750 WP 015674213.1       ......MSQTDLLKLLQIPQLGAQRIARLLSE.VDFAQFCQYDKRQLQQIGWNEKQIQRWFNPEKRWIESALAWAEQPNQ   73
NTDB id 1250 GCO85 RS13065 WP 027219989.1      .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSEN   75
NTDB id 74109 AU64 RS16845 WP 000124531.1      .....MARTEIWLRLMYVGDLYGEAMLNMANS.L..IRQPQINRTHLQEAGLTARQAERFLQLPAGVLDETLRWLELPQH   72
NTDB id 1445 BW25113 RS17035 WP 000228551.1    .....MVDTEIWLRLMSISSLYGDDMVRIAHW.V..AKQSHIDAVVLQQTGLTLRQAQRFLSFPRKSIESSLCWLEQPNH   72
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSK.DTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAASSH   78
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ...MKDQDLAAWLALCFTPKLGSKTISHLLAT.RLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSAANN   76
consensus                                                !*!* **  ***   * ***    *       **     *    !*  *****      * **   ! !     **
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NTDB id 1361 HI 0985 AAC22646.1                HL.VNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGH   154
NTDB id 1388 A4U84 RS04945 WP 062924099.1      QI.LTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGIDGF   153
NTDB id 1466 ASU2 RS09750 WP 015674213.1       RL.LTLFDEEYPFLLRQISTAPPVLFVRGSISSLSLPQIAIVGSRDFSAYGEYWAGYFSEQLIKHHLAVTSGLAIGIDGF   152
NTDB id 1250 GCO85 RS13065 WP 027219989.1      HHILTWDSPYYPALLKEIADPPFLLYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAH   155
NTDB id 74109 AU64 RS16845 WP 000124531.1      HF.LCADSEIYPPQLRAIDDYPGAIFIDGDPACLHTCQLAVVGSRSHSWYGERWGRLLCESLAKSGLTITSGLARGIDGV   151
NTDB id 1445 BW25113 RS17035 WP 000228551.1    HL.IPADSEFYPPQLLATTDYPGALFVEGELHALHSFQLAVVGSRAHSWYGERWGRLFCETLATRGVTITSGLARGIDGV   151
NTDB id 1399 DSB67 RS15600 WP 010645755.1      HHILTLADALYPPLLKQTVAPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALGIDGH   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 GCO85 RS13065 WP 027219989.1      AHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITEN.GLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKS   234
NTDB id 74109 AU64 RS16845 WP 000124531.1      AHNAAVSMGGKSVAVLGNGLAKIYPRRHAMLAENLIATGGAVVSEFPLSTPPLPQNFPRRNRIISGLSKGVLVIEAALRS   231
NTDB id 1445 BW25113 RS17035 WP 000228551.1    AHKAALQVNGVSIAVLGNGLNTIHPRRHARLAASLLEQGGALVSEFPLDVPPLAYNFPRRNRIISGLSKGVLVVEAALKS   231
NTDB id 1399 DSB67 RS15600 WP 010645755.1      AHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAEN.GALVSEFPRDAKPRAENFPRRNRIISGLSLGVLVVEAAEKS   237
NTDB id 1152 A1552VC RS00200 WP 000654772.1    AHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQ.GALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAEKS   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 GCO85 RS13065 WP 027219989.1      GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNK................   297
NTDB id 74109 AU64 RS16845 WP 000124531.1      GSLVTARCALEQGRDVFALPGPIGSPGSEGTHWLIKQGATLVTTPEDILENLQYGLHWLPTTA................   294
NTDB id 1445 BW25113 RS17035 WP 000228551.1    GSLVTARCALEQGREVFALPGPIGNPGSEGPHWLIKQGAILVTEPEEILENLQFGLHWLPDAP................   294
NTDB id 1399 DSB67 RS15600 WP 010645755.1      GSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL................   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1    GSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPY..............   301
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 GCO85 RS13065 WP 027219989.1    ........PIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER....   361
NTDB id 74109 AU64 RS16845 WP 000124531.1    .....ENSLYSLNQDEAALPFPELLANVGDEVTPVDVVAERAGQPVPAVVAQLLELELAGWIAAVPGGYVRLRRASHVRR   369
NTDB id 1445 BW25113 RS17035 WP 000228551.1  .....ENSFYSPDQQDVALPFPELLANVGDEVTPVDVVAERAGQPVPEVVTQLLELELAGWIAAVPGGYVRLRRACHVRR   369
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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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 GCO85 RS13065 WP 027219989.1    .....   361
NTDB id 74109 AU64 RS16845 WP 000124531.1    TNVFV   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