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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1      ......MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWA   69
NTDB id 1147369 CKV78 RS08335 WP 005763830.1   MRKSALNKPISLLRLQQIPRLGPTRIHQLLTHTSFSDLADYDSDAFRHMGWTKQQIERWFNPEIK.....FIEPAFIWA   75
NTDB id 1361 HI 0985 AAC22646.1                .....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWS   70
NTDB id 1250 GC085 RS13065 WP 027219989.1      ......MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNLMF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1      .MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACLTWV   73
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ....MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCLQWR   71
consensus                                                *  *! !  ****!   * ****      *  *       **    **  *     !      ***   * !

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      EQD.QQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI   148
NTDB id 1147369 CKV78 RS08335 WP 005763830.1   EKE.GNHLIHYFDHRYPPLLKQTEGAPLILFAKGNVAALSVQQIAIVGSRHCSSYGEYWAKYFATEFALADIVVTSGLAL   154
NTDB id 1361 HI 0985 AAC22646.1                QKE.GNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLAL   149
NTDB id 1250 GC085 RS13065 WP 027219989.1      SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL   150
NTDB id 1399 DSB67 RS15600 WP 010645755.1      AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL   153
NTDB id 1152 A1552VC RS00200 WP 000654772.1    SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLAL   151
consensus                                          ****     !! !!!*    !**!***! * ***  ***!*!!!!  *  !   **  !****    * **!!!!*

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      GIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE   228
NTDB id 1147369 CKV78 RS08335 WP 005763830.1   GIDGFCHQAVVDAKGKTVAVLGSGLERIYPKKHQYLAQQIIEQQGVLVSEFFPHQPPTAENFPRRNRIISGLSLGTLVIE   234
NTDB id 1361 HI 0985 AAC22646.1                GIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVE   229
NTDB id 1250 GC085 RS13065 WP 027219989.1      GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
NTDB id 1399 DSB67 RS15600 WP 010645755.1      GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE   232
NTDB id 1152 A1552VC RS00200 WP 000654772.1    GIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVE   230
consensus                                      !!!*  ! * * * ! !*!!!!*!****!! *!  !* **** *!*!*!!! *  *! !**!!*!!!!!!!!!** *!*!

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      ATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQAVK   308
NTDB id 1147369 CKV78 RS08335 WP 005763830.1   ASERSGSLITARYALEQNRDVFALPGNIQSEFSHGCHKLIKQGAMLVENVQDVLENISPHIFDYV..KRPYDIFTR..ST   310
NTDB id 1361 HI 0985 AAC22646.1                ATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQT.EIDFDQIAV..PN   306
NTDB id 1250 GC085 RS13065 WP 027219989.1      AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.....FT.........S   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1      AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL...........   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1    AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVP.........Y   301
consensus                                      ! **!!!!!!!!!*!*!! !*!***!*****  * !** !***!! !! ** **** *

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NTDB id 1388 A4U84 RS04945 WP 062924099.1      SEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1147369 CKV78 RS08335 WP 005763830.1   PEPTVKTLPPLVQPEYPDLFAKIGYTPVSLDDLSEKLKLSVDTLLVQLLALELQDLIVAENGLYKRR....   377
NTDB id 1361 HI 0985 AAC22646.1                YTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1      NKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
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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X non conserved
X similar
X $\geq$ 50% conserved