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logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHL.TKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWA   69
NTDB id 235836 CEP45 RS07220 WP 265490544.1  .....MYDL.AELLRLSLVPQIGVVKIQQLLAQISLSELSCYSAKELQQIGWKENQIHAWLKPKQA.....IIDKTLEWQ   69
NTDB id 1361 HI 0985 AAC22646.1              .....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWS   70
NTDB id 1250 GC085 RS13065 WP 027219989.1    .....MNNL.QPLLALNRMKRIGPRTVLKLQK.RWPDLNLMF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDL.AAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACLTWV   73
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDL.AAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCLQWR   71
consensus                                       * **    *! !  ** *!   * ***       *  *    *  **    **  *     *      **  ! !

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     EQ.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI   148
NTDB id 235836 CEP45 RS07220 WP 265490544.1  QQ.PQQHILTIFDPIYPPLLKQIPAPPPLLYIKGNLESLNTAQIAMVGSRHCSRYGEQLAIQFATELTQHNLTITSGLAI   148
NTDB id 1361 HI 0985 AAC22646.1               QK.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLAL   149
NTDB id 1250 GC085 RS13065 WP 027219989.1    SSSENHHILTWDSPYYPALLKEIADPPFTLYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL   150
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL   153
NTDB id 1152 A1552VC RS00200 WP 000654772.1  SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLAL   151
consensus                                       * ****   * !! !!!**   !**!***! *  *  ***!*!!!!  *  !   ** !****  * * **!!!!*

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     GIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE   228
NTDB id 235836 CEP45 RS07220 WP 265490544.1  GIDSLSHQATLQAQGVTIAVLGNGLNRIYPYRHQKLAQQIIEQGGALVSELLPNIPPIAENFPRRNRIISGLTLGTLVVE   228
NTDB id 1361 HI 0985 AAC22646.1               GIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVE   229
NTDB id 1250 GC085 RS13065 WP 027219989.1    GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITEN.GLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
NTDB id 1399 DSB67 RS15600 YP 010645755.1    GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAEN.GALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE   232
NTDB id 1152 A1552VC RS00200 WP 000654772.1  GIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQ.GALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVE   230
consensus                                    !!!*  ! * ****! !*!!!!*!****!! *! *!* ***** !*!*!!* *  *!*!**!!*!!!!!!!!*** *!*!

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQ...   305
NTDB id 235836 CEP45 RS07220 WP 265490544.1  ATEKSGSLITARYALEQNREVFAIPGALYNGHSQGCHQLIKQGAWLVENVKDILDILSSQFLHDYLHQSLLEQNFTDTLR   308
NTDB id 1361 HI 0985 AAC22646.1               ATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEI.....DFD....   300
NTDB id 1250 GC085 RS13065 WP 027219989.1    AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ..........F......   293
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQS.....L......   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQ.....V......   299
consensus                                    ! **!!!!!!!!*!*!! !*!***!*** *  * !** !***!! !! ** **** *

logo
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ...............AVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRG   370
NTDB id 235836 CEP45 RS07220 WP 265490544.1  PSSLGDLKTAPISNLNSPKAPSSPPIEPQIPPEYLTLYQHLSTTPIPPDDLATNLKITIPELLPALLELELQGVIKQVEG   388
NTDB id 1361 HI 0985 AAC22646.1               ........QIAVPNYTPPPDP....RRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENG   368
NTDB id 1250 GC085 RS13065 WP 027219989.1    ................TSNKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPG   352
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ....................DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSG   361
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ................PYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPG   363
consensus                                                  * *           !   ** *   *! **  * * *  *** !**!!! * ** * !
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logo

NTDB id 1388 A4U84 RS04945 WP 062924099.1     GYVIT....   375
NTDB id 235836 CEP45 RS07220 WP 265490544.1   GYVKLF...   394
NTDB id 1361 HI 0985 AAC22646.1               LYKRV....   373
NTDB id 1250 GCO85 RS13065 WP 027219989.1     GYIRCEYER   361
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GYIRKGRG.   371
consensus                                     *!**
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X non conserved

X similar

X $\geq$ 50% conserved