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logo
NTDB id 1118764 EL022 RS06675 WP 028381137.1  .....MNNLSYYLALNRMERVGPRTVATLQKRWPDLQQMFQLSAKELEDAGLSPTLAQTIAGFDLHLIQEDLSWLEAADT   75
NTDB id 1250 GC085 RS13065 WP 027219989.1     .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLSSSEN   75
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLSEV.DFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQD.Q   73
NTDB id 1399 DSB67 RS15600 WP 010645755.1     MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKD.TPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAASSH   78
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ...MKDQDLAAWLALCFTPKLGSKTISHLLATR.LPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSAANN   76
consensus                                        **  !  *!*!  ****! *** *!* *  *  ** ***   *   !*   *** *   * * **  !*!* *  *

logo
NTDB id 1118764 EL022 RS06675 WP 028381137.1  HHILTWDSPDYPALLKEIIDPPIVLYVKGQLACLKQPKLAVVGSRNPTITGRENARQFAKAIASHGVTIVSGLALGIDAE   155
NTDB id 1250 GC085 RS13065 WP 027219989.1     HHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALGIDAH   155
NTDB id 1388 A4U84 RS04945 WP 062924099.1     QQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGIDGF   153
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 1118764 EL022 RS06675 WP 028381137.1  AHEGCLEAGGQTIAVLGTGIDRIYPYRHQSLAQKIEQ.VGLLMSEFPLKSPPTAGHFPRRNRIISGLSLCTLVVESAIKS   234
NTDB id 1250 GC085 RS13065 WP 027219989.1     AHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIKS   234
NTDB id 1388 A4U84 RS04945 WP 062924099.1     CHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEATVNS   233
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 1118764 EL022 RS06675 WP 028381137.1  GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLEELRIDSEQQTI.....DKAIL.........   300
NTDB id 1250 GC085 RS13065 WP 027219989.1     GSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTS.....NKPIF.........   300
NTDB id 1388 A4U84 RS04945 WP 062924099.1     GSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAI....AWQRQ.SVHIQPSLFDTKPKQAVK   308
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL....DLFSAPID....   309
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSAVQS....   311
consensus                                     !!!!!!!*!*!!*!*!***!*!* ** * !** !***!! !! ** *******    *  *  *  *  **

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NTDB id 1118764 EL022 RS06675 WP 028381137.1  ..........PLASGNKNLVKFIGFEMTTVDQIILRSGCTVEQVTSELAKLELNGAVVSVPGGYMRC....   357
NTDB id 1250 GC085 RS13065 WP 027219989.1     ..........SLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 1388 A4U84 RS04945 WP 062924099.1     SEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....   375
NTDB id 1399 DSB67 RS15600 WP 010645755.1     ..........EEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ..........DEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.   371
consensus                                     **      *!* *** ! ***! ** ** * ** *** !**!!! ! !**!*!!!**
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X non conserved
X similar
X $\geq$ 50% conserved