```
logo
NTDB id 1140632 DQN67 RS13285 WP 027224802.1  .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLS.....SVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL   70
NTDB id 1250 GC085 RS13065 WP 027219989.1     .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLS.....SVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL   70
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDF.GEFCQYDKTALKQMGWNERQIQRWFNP.....EHKWIDQALQWA   69
NTDB id 1399 DSB67 RS15600 WP 010645755.1     MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTP.SNIVQYSTEQLQLLGLTAKQLQAW.SQ.....VDKEVDACLTWV   73
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLP.AQLQSFTPKQWLACGLKPEQLVFLTTQ.....AAKQAEQCLQWR   71
consensus                                        **  !  *!*!  ****! *** *!* *       * ***       *** * **  *  *      * ****  !*!*

logo
NTDB id 1140632 DQN67 RS13285 WP 027224802.1  SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSKEISRHGVSIVSGLAL  150
NTDB id 1250 GC085 RS13065 WP 027219989.1     SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL  150
NTDB id 1388 A4U84 RS04945 WP 062924099.1     EQD.QQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI  148
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL  153
NTDB id 1152 A1552VC RS00200 WP 000654772.1  SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLAL  151
consensus                                     * * ***!*!    * !! !!!**  *!**!***!******! *!*!!!!**!* !   ** !* ** **** **!!!!*

logo
NTDB id 1140632 DQN67 RS13285 WP 027224802.1  GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPSRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE  229
NTDB id 1250 GC085 RS13065 WP 027219989.1     GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE  229
NTDB id 1388 A4U84 RS04945 WP 062924099.1     GIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE  228
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE  232
NTDB id 1152 A1552VC RS00200 WP 000654772.1  GIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVE  230
consensus                                     !!!***!  *** **!*!*!!!!*!****!! *!  *!!*** * *!*!*!!!  * **!*!**!!*!!!!!!!!!!***!*!

logo
NTDB id 1140632 DQN67 RS13285 WP 027224802.1  AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.....FTSNKPIFS...  301
NTDB id 1250 GC085 RS13065 WP 027219989.1     AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.....FTSNKPIFS...  301
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAI....AWQRQ.SVHIQPSLFDTKP  303
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL....DLFSAPI  308
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSAVQ  310
consensus                                     !***!!!!!!!!!*!!!*!*!***!*!* ** * !** !***!! !! ** *******     *     *  *  *!*

logo
NTDB id 1140632 DQN67 RS13285 WP 027224802.1  ................LASGKENLVKFIGFETTTIDQIIGRSGYGMEQVTSGLAELELKGAVMAVPGGYIRCEYER  361
NTDB id 1250 GC085 RS13065 WP 027219989.1     ................LASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER  361
NTDB id 1388 A4U84 RS04945 WP 062924099.1     KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....  375
NTDB id 1399 DSB67 RS15600 WP 010645755.1     D...............EEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.  369
NTDB id 1152 A1552VC RS00200 WP 000654772.1  S...............DEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.  371
consensus                                                     **      *!* *** ! ***! ** ** **** *** !**!!! ! !**!*!!!**
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X non conserved
X similar
X $\geq$ 50% conserved