```
logo
NTDB id 304522 DV390 RS03620 WP 005655963.1  ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 1361 HI 0985 AAC22646.1              ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWSQ   71
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWAE   70
NTDB id 1250 GC085 RS13065 WP 027219989.1    .....MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNLMF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWLS   71
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACLTWVA   74
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCLQWRS   72
consensus                                       *  *! !  ****!*  * ****     ****       **    **  *     !     ***  ! !

logo
NTDB id 304522 DV390 RS03620 WP 005655963.1  K.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG  150
NTDB id 1361 HI 0985 AAC22646.1              K.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALG  150
NTDB id 1388 A4U84 RS04945 WP 062924099.1    Q.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIG  149
NTDB id 1250 GC085 RS13065 WP 027219989.1    SSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLALG  151
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ASSHHHILTLADALYPPLLKQTVAPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALG  154
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALG  152
consensus                                      *  ****   * !! !!!*  * !**!***! *********!*!!!!  *  !   ** !****   ** **!!!!*!

logo
NTDB id 304522 DV390 RS03620 WP 005655963.1  IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA  230
NTDB id 1361 HI 0985 AAC22646.1              IDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEA  230
NTDB id 1388 A4U84 RS04945 WP 062924099.1    IDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEA  229
NTDB id 1250 GC085 RS13065 WP 027219989.1    IDAHAHLGCLEGGGKTIAVLGTGLDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEA  230
NTDB id 1399 DSB67 RS15600 WP 010645755.1    IDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEA  233
NTDB id 1152 A1552VC RS00200 WP 000654772.1  IDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEA  231
consensus                                    !!** ! * ** *! !*!!!!*!****!! *! *!* **** *!*!*!!! *   !*! *!!*!!!!!!!!!** *!*!!

logo
NTDB id 304522 DV390 RS03620 WP 005655963.1  TEKSGSLITARYALEQNREVFAVPGSIQNPSSQGCHRLIKQGAMLVENYQDILEELYQHS..IHSQTEIDFDQIAVPNYT  308
NTDB id 1361 HI 0985 AAC22646.1              TEKSGSLITARYALEQNREVFAVPGSIQNKSSQGCHRLIKQGAMLVENYQDILETLYQHS..IHSQTEIDFDQIAVPNYT  308
NTDB id 1388 A4U84 RS04945 WP 062924099.1    TVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSL.FDTKP..KQA  306
NTDB id 1250 GC085 RS13065 WP 027219989.1    AIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ................F  293
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS............INQSL  301
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWS............LSEQV  299
consensus                                     **!!!!!!!!*!*!! !*!***!*****  * !** !***!! !! *  **** *                       *

logo
NTDB id 304522 DV390 RS03620 WP 005655963.1  PPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....  373
NTDB id 1361 HI 0985 AAC22646.1              PPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....  373
NTDB id 1388 A4U84 RS04945 WP 062924099.1    VKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT....  375
NTDB id 1250 GC085 RS13065 WP 027219989.1    TSNKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER  361
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ....DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG.  369
NTDB id 1152 A1552VC RS00200 WP 000654772.1  PYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG.  371
consensus                                       * *   *  *    * !   ** *  **! **  *** ** ****!**!!! * ** * !*!**
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X non conserved
X similar
X $\geq$ 50% conserved