```
logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQVDKEVDACLTWVAASSHH   79
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVFLTTQAAKQAEQCLQWRSAANNR   77
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTALKQMGWNERQIQRWFNPEHKWIDQALQWAEQD.QQ   74
NTDB id 1142176 DQN30 RS00040 WP 111697103.1  ....MHDITYTLLRLMQVPKLGGVGIDKILSNITLDELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALEWSQKE.GN   75
NTDB id 1361 HI 0985 AAC22646.1                ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGWGAIQIRRWFKPEAKFIEPALVWSQKE.GN   75
consensus                                                *  *!*!***!**!** * **!* **  ******  *****!* * !* *** ***!*** *! !    *  *

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      HILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLALGIDGHA   159
NTDB id 1152 A1552VC RS00200 WP 000654772.1    YIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGIDGYA   157
NTDB id 1388 A4U84 RS04945 WP 062924099.1      QILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGIDGFC   154
NTDB id 1142176 DQN30 RS00040 WP 111697103.1  HLVNYFSPFYPFLLKQIASFPPLLFVKGNLTALSQRQIAMVGSRYCTAYGEYWAKYFATELSLASFTITSGLALGIDGHC   155
NTDB id 1361 HI 0985 AAC22646.1                HLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGHC   155
consensus                                      **** * * !!*!!!** * !!*!!**!*********!*!!!!  * *!* *** !***!    * *!!!!!*!!!!**

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      HDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEAAEKSG   238
NTDB id 1152 A1552VC RS00200 WP 000654772.1    HDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAEKSG   236
NTDB id 1388 A4U84 RS04945 WP 062924099.1      HQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEATVNSG   234
NTDB id 1142176 DQN30 RS00040 WP 111697103.1  HQAVVDIQGQTIAVLGSGLEQIYPVKHRKLSELILQNNGTLVSEFLPNQAPIATNFPRRNRIVSGLSVGTLVVEATEKSG   235
NTDB id 1361 HI 0985 AAC22646.1                HQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEATEKSG   235
consensus                                      !***** *!*!*!!!!!!!*!*!! *!**!** *** *!*!!!!! ! * !*!*!!!!!!!*!!!!*!**!*!!***!!

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NTDB id 1399 DSB67 RS15600 WP 010645755.1      SLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLL........DWSI...NQSL....D   302
NTDB id 1152 A1552VC RS00200 WP 000654772.1    SLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNAL........TWSL...SEQVPYQAT   304
NTDB id 1388 A4U84 RS04945 WP 062924099.1      SLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSL.FDTKP..KQAVKSEP   311
NTDB id 1142176 DQN30 RS00040 WP 111697103.1  SLITARYALEQNREVFAVPGNIQSEFSQGCNRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAVPNYTPPPDP   313
NTDB id 1361 HI 0985 AAC22646.1                SLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQIAVPNYTPPPDP   313
consensus                                      !!!!!!!!*!!*!!!!**!***** **!***!!**!!*!!**  **** * *    ** *  ****     *  *  **

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1      LFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1    LFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG   371
NTDB id 1388 A4U84 RS04945 WP 062924099.1      KFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT...   375
NTDB id 1142176 DQN30 RS00040 WP 111697103.1  R...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIMSENGLYKRV...   373
NTDB id 1361 HI 0985 AAC22646.1                R...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV...   373
consensus                                      **   * **    * !* *** *****!*!!  *** !* ****!!*!!! **** * !*!**
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X non conserved
X similar
X $\geq$ 50% conserved