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logo
NTDB id 1120 NGFG RS10355 WP 020997408.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE   77
NTDB id 1361 HI 0985 AAC22646.1               ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELL.NYDDVAFRQMGWGAIQIRRWFKPEAK.....FIEPALVWS   70
NTDB id 290746 C3363 RS00385 WP 010787338.1  .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFC.QYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWA   69
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFC.QYDKTALKQMGWNERQIQRWFNPEHK.....WIDQALQWA   69
NTDB id 1250 GC085 RS13065 WP 027219989.1    .....MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNL.MF...QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNWL   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIV.QYSTEQLQLLGLTAKQLQAW.SQVDK.....EVDACLTWV   73
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQ.SFTPKQWLACGLKPEQLVFLTTQAAK.....QAEQCLQWR   71
consensus                                           *  *!*!  ** *!*  * ****    *    **   **  **    **  *   * *     *** *!*!

logo
NTDB id 1120 NGFG RS10355 WP 020997408.1      MR.DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS   156
NTDB id 1361 HI 0985 AAC22646.1               QK.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLAL   149
NTDB id 290746 C3363 RS00385 WP 010787338.1  EQ.DQQRILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI   148
NTDB id 1388 A4U84 RS04945 WP 062924099.1    EQ.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI   148
NTDB id 1250 GC085 RS13065 WP 027219989.1    SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL   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 1120 NGFG RS10355 WP 020997408.1      GIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1361 HI 0985 AAC22646.1               GIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVE   229
NTDB id 290746 C3363 RS00385 WP 010787338.1  GIDGFCHQRAVNENGITIAVLGSGLDQVYPARHKKLAEQIVDTSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE   228
NTDB id 1388 A4U84 RS04945 WP 062924099.1    GIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE   228
NTDB id 1250 GC085 RS13065 WP 027219989.1    GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
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 1120 NGFG RS10355 WP 020997408.1      AALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGR   315
NTDB id 1361 HI 0985 AAC22646.1               ATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQT.EIDFDQI....   302
NTDB id 290746 C3363 RS00385 WP 010787338.1  ATVNSGSLITARYALEQGREVFALPNAVQNPYSEGCHKLIKEGALLVENIDDILEAIVWQRQSVHIQP.S.LFDTK....   302
NTDB id 1388 A4U84 RS04945 WP 062924099.1    ATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQP.S.LFDTK....   302
NTDB id 1250 GC085 RS13065 WP 027219989.1    AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ................   292
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS................   296
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQQIHQELKNALTWS................   294
consensus                                    !***!!!!!!!**!*!**!*!***!***** * !***!***!! !**** ******                  *
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logo
                                                  RTVQTAYAPPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT
NTDB id 1120 NGFG RS10355 WP 020997408.1          RTVQTAYAPPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1361 HI 0985 AAC22646.1                   ..AVPNYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV...   373
NTDB id 290746 C3363 RS00385 WP 010787338.1       ..P..KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISIDDLAKATDMAVETALIELLNLELLGVVKQVSGGYVIT...   375
NTDB id 1388 A4U84 RS04945 WP 062924099.1         ..P..KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT...   375
NTDB id 1250 GC085 RS13065 WP 027219989.1         .......FTSNKPIFSLASGK.....ENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYE   360
NTDB id 1399 DSB67 RS15600 WP 010645755.1         ...INQSL....DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1       ...LSEQVPYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG   371
consensus                                                    ***    * *       *** *** *****! **   * * ** *** !**!!! * **** !****
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logo
                                                  R
NTDB id 1120 NGFG RS10355 WP 020997408.1          .    395
NTDB id 1361 HI 0985 AAC22646.1                   .    373
NTDB id 290746 C3363 RS00385 WP 010787338.1       .    375
NTDB id 1388 A4U84 RS04945 WP 062924099.1         .    375
NTDB id 1250 GC085 RS13065 WP 027219989.1         R    361
NTDB id 1399 DSB67 RS15600 WP 010645755.1         .    369
NTDB id 1152 A1552VC RS00200 WP 000654772.1       .    371
consensus
```

X non conserved
X similar
X $\geq$ 50% conserved