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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      MITILSSHHYHTIKVWYVLQHSLSGFKKLIHYFGDCETALQPQRLSDWQKLGLHANHLKRLEEVHT.LQGQQQFEKMLAQ   79
NTDB id 1094 KZH42 RS01320 WP 002224767.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALS.APAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1089 NMB RS00600 WP 002224767.1        ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALS.APAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1250 GCO85 RS13065 WP 027219989.1      .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQ.LSSVDLEEAGLPSWLAQTIKNFDP.....DFIKTDLNW   69
NTDB id 1033651 AB8599 RS15600 WP 407331766.1  ....MNASLESWLRLAAVPRLGGNAVSKIICKHPP.EKLIE.LEDIHLAALGFKPMQIHAFRHPDM.....SVIDKCMAW   69
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTP.SNIVQ.YSTEQLQLLGLTAKQLQAW.SQVD.....KEVDACLTW   72
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLP.AQLQS.FTPKQWLACGLKPEQLVFLTTQAA.....KQAEQCLQW   70
NTDB id 1388 A4U84 RS04945 WP 062924099.1      .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDF.GEFCQ.YDKTALKQMGWNERQIQRWFNPEH.....KWIDQALQW   68
NTDB id 1361 HI 0985 AAC22646.1                ....MNDITYTLLRLMQVPKLGGVGIDKILSNITL.NELLN.YDDVAFRQMGWGAIQIRRWFKPEA.....KFIEPALVW   69
consensus                                                *  **  *  **  ***  *  ***  *      ***       *  **    **  *   *        **  * *

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      LQ.THTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSGLA   158
NTDB id 1094 KZH42 RS01320 WP 002224767.1      EMRD.GCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1089 NMB RS00600 WP 002224767.1        EMRD.GCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1250 GCO85 RS13065 WP 027219989.1      LSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLA   149
NTDB id 1033651 AB8599 RS15600 WP 407331766.1  CSLP.DRHIISLTDQRYPYLLKQISGAPPLLFVEGKPETLSLPQIAIVGSRDASAEGLALAHEFAHALAQHDVVVTSGLA   148
NTDB id 1399 DSB67 RS15600 WP 010645755.1      VAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLA   152
NTDB id 1152 A1552VC RS00200 WP 000654772.1    RSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLA   150
NTDB id 1388 A4U84 RS04945 WP 062924099.1      AEQD.QQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLA   147
NTDB id 1361 HI 0985 AAC22646.1                SQKE.GNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLA   148
consensus                                              **** *  *! *!**  * !**!***! *  *  ***!*!!!! **  *  *** !* **   ** **!!*!

logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1      HGIDEAAHQGSLVH.HRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVLVV   237
NTDB id 1094 KZH42 RS01320 WP 002224767.1      SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIA.EKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1089 NMB RS00600 WP 002224767.1        SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIA.EKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1250 GCO85 RS13065 WP 027219989.1      LGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQIT.ENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVI   228
NTDB id 1033651 AB8599 RS15600 WP 407331766.1  LGIDGRAHRGALDAGGNTIAVLGSGLEKVYPSRHRDLAKDIT.SNGALVSELWPWSPPKPAFFPRRNRIISGLSTGVLVV   227
NTDB id 1399 DSB67 RS15600 WP 010645755.1      LGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVA.ENGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVV   231
NTDB id 1152 A1552VC RS00200 WP 000654772.1    LGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERII.AQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVV   229
NTDB id 1388 A4U84 RS04945 WP 062924099.1      IGIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVI   227
NTDB id 1361 HI 0985 AAC22646.1                LGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVV   228
consensus                                      *!!!* *!****** * **!!*!*!** *!! *** !*   *    *!***!!* * **!  ***!!*!!!****!!****!*

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NTDB id 1021 ACIAD RS00975 WP 004930462.1      EATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPFQIIEDLALPTHWHSQSTASGEANADDSG   317
NTDB id 1094 KZH42 RS01320 WP 002224767.1      EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1089 NMB RS00600 WP 002224767.1        EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1250 GCO85 RS13065 WP 027219989.1      EAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFT.....SNK......   297
NTDB id 1033651 AB8599 RS15600 WP 407331766.1  EAALKSGSLITARLALEQGRDVFALPGSIHNPHAKGSNGLIKQGAFLVESVDEILEQVGALAGCA......INHQL....   297
NTDB id 1399 DSB67 RS15600 WP 010645755.1      EAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS......INQSL....   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1    EAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWS......LSEQV....   299
NTDB id 1388 A4U84 RS04945 WP 062924099.1      EATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVH.....IQPSL.FDT   301
NTDB id 1361 HI 0985 AAC22646.1                EATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IH.....SQTEIDFDQ   301
consensus                                      !!**!!!!!!!* !*!****!***!*** ** * !** !***!! !!* ********           **   *
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NTDB id 1021 ACIAD RS00975 WP 004930462.1      K......TDD.........ADLPDDLLP...LYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSGRYLRC   379
NTDB id 1094 KZH42 RS01320 WP 002224767.1      ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1089 NMB RS00600 WP 002224767.1        ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1250 GCO85 RS13065 WP 027219989.1      ................PIF.....SLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRC   357
NTDB id 1033651 AB8599 RS15600 WP 407331766.1 ................DVTQDQVLQEELPFPELLANVGNEVRCVDVLAEICDQPVHEIMMKLLELELLGLVSAVPGGYVRA   362
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ................DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRK   366
NTDB id 1152 A1552VC RS00200 WP 000654772.1    ...........PYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRK   368
NTDB id 1388 A4U84 RS04945 WP 062924099.1      KP......KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT   375
NTDB id 1361 HI 0985 AAC22646.1                IAV....PNYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
consensus                                                            * **       **  ****   *!***    *** **** !**!!! * *****!****

logo

NTDB id 1021 ACIAD RS00975 WP 004930462.1      RSPY   383
NTDB id 1094 KZH42 RS01320 WP 002224767.1      IRT.   397
NTDB id 1089 NMB RS00600 WP 002224767.1        IRT.   397
NTDB id 1250 GCO85 RS13065 WP 027219989.1      EYER   361
NTDB id 1033651 AB8599 RS15600 WP 407331766.1  RRG.   365
NTDB id 1399 DSB67 RS15600 WP 010645755.1      GRG.   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1    GRG.   371
NTDB id 1388 A4U84 RS04945 WP 062924099.1      ....   375
NTDB id 1361 HI 0985 AAC22646.1                ....   373
consensus                                       *
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X non conserved

X similar

X $\geq$ 50% conserved