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logo
NTDB id 1073 ABD1 RS00865 WP 015451369.1     MLTQLSSHHYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQG.QAQFE.QLVQ   78
NTDB id 1043 HON27 RS16615 WP 168727007.1    MLTQLSSHQYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQG.QAQFE.QLVQ   78
NTDB id 1094 KZH42 RS01320 WP 002224767.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALS.APAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1089 NMB RS00600 WP 002224767.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALS.APAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEF.CQ.YDKTALKQMGWNERQIQRWFNPE.....HKWIDQALQW   68
NTDB id 1361 HI 0985 AAC22646.1              ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNEL.LN.YDDVAFRQMGWGAIQIRRWFKPE.....AKFIEPALVW   69
NTDB id 1250 GCO85 RS13065 WP 027219989.1    .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNL.MF.....QLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNW   69
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQL.QS.FTPKQWLACGLKPEQLVFLTTQA.....AKQAEQCLQW   70
NTDB id 393594 FIU99 RS00250 WP 006957515.1  ...MTKEELTAWLSLYFTPRIGPKTFQRLVAVDSPVNI.ID.SSPETLRRLGFSDSQLNYLQHRA.....AEDIEACFEW   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNI.VQ.YSTEQLQLLGLTAKQLQAWS.QV.....DKEVDACLTW   72
consensus                                          *****! * *** *** ** ***  *   ** **      **  ***   **  *           **  * *
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logo
NTDB id 1073 ABD1 RS00865 WP 015451369.1     QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGLA   158
NTDB id 1043 HON27 RS16615 WP 168727007.1    QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGLA   158
NTDB id 1094 KZH42 RS01320 WP 002224767.1    EMR.DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1089 NMB RS00600 WP 002224767.1      EMR.DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1388 A4U84 RS04945 WP 062924099.1    AEQ.DQQQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLA   147
NTDB id 1361 HI 0985 AAC22646.1              SQK.EGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLA   148
NTDB id 1250 GCO85 RS13065 WP 027219989.1    LSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLA   149
NTDB id 1152 A1552VC RS00200 WP 000654772.1  RSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLA   150
NTDB id 393594 FIU99 RS00250 WP 006957515.1  QAESSARTILPLSDQRYPALLKQADAAPAILFVEGQLESLSRPQMAIVGSRNASIDGLNTARSFATQLVNQDMVVTSGLA   150
NTDB id 1399 DSB67 RS15600 WP 010645755.1    VAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLA   152
consensus                                      * *   **** *  *! *!**  * !******!** ** ****!*!!!! **  * **** !* **   ** **!!*!
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logo
NTDB id 1073 ABD1 RS00865 WP 015451369.1     YGIDEAAHQGAS.AHQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVV   237
NTDB id 1043 HON27 RS16615 WP 168727007.1    YGIDEAAHQGAS.THQRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVV   237
NTDB id 1094 KZH42 RS01320 WP 002224767.1    SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1089 NMB RS00600 WP 002224767.1      SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1388 A4U84 RS04945 WP 062924099.1    IGIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVI   227
NTDB id 1361 HI 0985 AAC22646.1              LGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVV   228
NTDB id 1250 GCO85 RS13065 WP 027219989.1    LGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVI   228
NTDB id 1152 A1552VC RS00200 WP 000654772.1  LGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVV   229
NTDB id 393594 FIU99 RS00250 WP 006957515.1  LGVDGYAHDGALNGNGQTIAVLGCGLNSVYPARHKKLAQRIVQ.QGALVSEFHPNVKPKADNFPRRNRIISGLSLGVLVI   229
NTDB id 1399 DSB67 RS15600 WP 010645755.1    LGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVV   231
consensus                                    *!*!* *!****** * !*!!*!*!** *!!*****!** *** *!****!! * **!** *!!*!!!****!!****!*
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logo

NTDB id 1073 ABD1 RS00865 WP 015451369.1      EATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTE.......   310
NTDB id 1043 HON27 RS16615 WP 168727007.1     EATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTE.......   310
NTDB id 1094 KZH42 RS01320 WP 002224767.1     EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1089 NMB RS00600 WP 002224767.1       EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1388 A4U84 RS04945 WP 062924099.1     EATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPS.L.F....DT   301
NTDB id 1361 HI 0985 AAC22646.1               EATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTE.IDF....DQ   301
NTDB id 1250 GCO85 RS13065 WP 027219989.1     EAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQF..............T   294
NTDB id 1152 A1552VC RS00200 WP 000654772.1   EAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWS..............L   295
NTDB id 393594 FIU99 RS00250 WP 006957515.1   EAAEKSGSLITARYAMEQGREVFAIPGSIHHPHARGCNLLIKQGACLVQQVSDITDEIDSLIRWS..............D   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1     EAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWS..............I   297
consensus                                     !!***!!!!!!!**!*!****!***!*** ** * !** !** !! !** ********    ****

logo

NTDB id 1073 ABD1 RS00865 WP 015451369.1      ................EANTNTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRC   374
NTDB id 1043 HON27 RS16615 WP 168727007.1     ................ETNTNTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRC   374
NTDB id 1094 KZH42 RS01320 WP 002224767.1     ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1089 NMB RS00600 WP 002224767.1       ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1388 A4U84 RS04945 WP 062924099.1     K....P..KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT   375
NTDB id 1361 HI 0985 AAC22646.1               I....AVPNYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 1250 GCO85 RS13065 WP 027219989.1     .......SNK.....PIFSLASGKE.....NLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRC   357
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .......SEQVPYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRK   368
NTDB id 393594 FIU99 RS00250 WP 006957515.1   .......VNKPPVQSDLFEQIDCKEELPFPQLLANVGSKATPVDILASRTNIPVHEVMMQLLELELSGHVVAVSGGYIRK   368
NTDB id 1399 DSB67 RS15600 WP 010645755.1     .......NQS....LDLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRK   366
consensus                                                    *     **      **  *****  *!***  ***** **** !**!!! * **** !*****

logo

NTDB id 1073 ABD1 RS00865 WP 015451369.1      RS..   376
NTDB id 1043 HON27 RS16615 WP 168727007.1     RS..   376
NTDB id 1094 KZH42 RS01320 WP 002224767.1     IRT.   397
NTDB id 1089 NMB RS00600 WP 002224767.1       IRT.   397
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ....   375
NTDB id 1361 HI 0985 AAC22646.1               ....   373
NTDB id 1250 GCO85 RS13065 WP 027219989.1     EYER   361
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GRG.   371
NTDB id 393594 FIU99 RS00250 WP 006957515.1   GRG.   371
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GRG.   369
consensus                                      *
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X non conserved

X similar

X ≥ 50% conserved