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logo
NTDB id 1043 HON27 RS16615 WP 168727007.1     MLTQLSSHQYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTPQGQAQ..FEQLVQ   78
NTDB id 1073 ABD1 RS00865 WP 015451369.1     MLTQLSSHHYHTLKVWYLVQHSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKRVNEFQTTQGQAQ..FEQLVQ   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 1122 OK783 RS09595 WP 003705341.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALS.APAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1120 NGFG RS10355 WP 020997408.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALS.APAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEW   76
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .....MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGE..FCQYDKTALKQMGWNERQIQRWFNP.....EHKWIDQALQW   68
NTDB id 1361 HI 0985 AAC22646.1              ....MNDITYTLLRLMQVPKLGGVGIDKILSNITLNE..LLNYDDVAFRQMGWGAIQIRRWFKP.....EAKFIEPALVW   69
NTDB id 1250 GC085 RS13065 WP 027219989.1    .....MNNLQPLLALNRMKRIGPRTVLKLQK.RWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNF.....DPDFIKTDLNW   69
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQ..LQSFTPKQWLACGLKPEQLVFLTTQ.....AAKQAEQCLQW   70
NTDB id 1054252 BCV31 RS09210 WP 016789736.1 ...MNEQPLIAWLSLSFVPQLGGKRLSRLLSIDSPPN..IVGYSSQQLQALGLSAKQIAYLREQ.....APREVEACLAW   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSN..IVQYSTEQLQLLGLTAKQLQAW.SQ.....VDKEVDACLTW   72
consensus                                       *   ***! * *** *** *  ***      *  *      **  **     *  *              *  ! *
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logo
NTDB id 1043 HON27 RS16615 WP 168727007.1     QVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFISSGLA   158
NTDB id 1073 ABD1 RS00865 WP 015451369.1     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 1122 OK783 RS09595 WP 003705341.1    EMR.DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMA   155
NTDB id 1120 NGFG RS10355 WP 020997408.1     EMR.DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMA   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 GC085 RS13065 WP 027219989.1    LSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLA   149
NTDB id 1152 A1552VC RS00200 WP 000654772.1  RSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLA   150
NTDB id 1054252 BCV31 RS09210 WP 016789736.1 QARQPNHHILTPNCPHYPKLLNETASAPSVLFVKGHVEKLIEPQIAMVGSRNASLEGLQTAKSFAKEFVQNGLIVTSGLA   150
NTDB id 1399 DSB67 RS15600 WP 010645755.1    VAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLA   152
consensus                                      * *   ***  *  *! *! *  * !******!**  *  * *!*!!!! **  *  *** !*  *   ** **!!*!
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logo
NTDB id 1043 HON27 RS16615 WP 168727007.1     YGIDEAAHQGAST.HQRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVV   237
NTDB id 1073 ABD1 RS00865 WP 015451369.1     YGIDEAAHQGASA.HQRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSLGVLVV   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 1122 OK783 RS09595 WP 003705341.1    SGIDTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1120 NGFG RS10355 WP 020997408.1     SGIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV   234
NTDB id 1388 A4U84 RS04945 WP 062924099.1    IGIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVI   227
NTDB id 1361 HI 0985 AAC22646.1              LGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVV   228
NTDB id 1250 GC085 RS13065 WP 027219989.1    LGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVI   228
NTDB id 1152 A1552VC RS00200 WP 000654772.1  LGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVV   229
NTDB id 1054252 BCV31 RS09210 WP 016789736.1 LGIDGYAHDGALDKGGETFAVLGSGLDSIYPVRHRNLADRICE.NGALISEFRPDAKPRPEHFPRRNRIISGLSLGTLVV   229
NTDB id 1399 DSB67 RS15600 WP 010645755.1    LGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVV   231
consensus                                     !!!   *!**** * * !*!! !*!** *!!    * !*  * * *!****!! * * ! * *!!*!!!****!!****!*
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logo

NTDB id 1043 HON27 RS16615 WP 168727007.1     EATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEETNT...   314
NTDB id 1073 ABD1 RS00865 WP 015451369.1      EATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPTQWQSQQQNQTEEANT...   314
NTDB id 1094 KZH42 RS01320 WP 002224767.1     EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1089 NMB RS00600 WP 002224767.1       EAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKR   314
NTDB id 1122 OK783 RS09595 WP 003705341.1     EAALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTG   314
NTDB id 1120 NGFG RS10355 WP 020997408.1      EAALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTG   314
NTDB id 1388 A4U84 RS04945 WP 062924099.1     EATVNSGSLITARYALEQGREVFALPNSWQNPYSEGCHKLIKEGALLVENVEDILEAIAWQR.QSVHIQPSL.FDTK...   302
NTDB id 1361 HI 0985 AAC22646.1               EATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS...IHSQTEIDFDQI...   302
NTDB id 1250 GC085 RS13065 WP 027219989.1     EAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFT.SNKPI.FSLA...   303
NTDB id 1152 A1552VC RS00200 WP 000654772.1   EAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPY.QATL...   305
NTDB id 1054252 BCV31 RS09210 WP 016789736.1  EAAEKSGSLITARYAMEQGREVFALPGSIHSPTSRGGNSLIKAGACLVQSAQDVLIEIKSLLDWSIDQQPSL.FE.P...   304
NTDB id 1399 DSB67 RS15600 WP 010645755.1     EAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSLDL.FS.A...   306
consensus                                     !!***!!!!!!!* !*!****!***!*** ** * !** !***!! !** ***** **    *  *    *  *
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logo

NTDB id 1043 HON27 RS16615 WP 168727007.1     ......................NTPEIPEHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRC   374
NTDB id 1073 ABD1 RS00865 WP 015451369.1      ......................NTPEIREHLIDLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSGLYLRC   374
NTDB id 1094 KZH42 RS01320 WP 002224767.1     ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1089 NMB RS00600 WP 002224767.1       ITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   394
NTDB id 1122 OK783 RS09595 WP 003705341.1     RRAVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   392
NTDB id 1120 NGFG RS10355 WP 020997408.1      RRTVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQR   392
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....P..KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYVIT   375
NTDB id 1361 HI 0985 AAC22646.1               .....AVPNYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 1250 GC085 RS13065 WP 027219989.1     ......................S.....GKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRC   357
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .....F............SAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRK   368
NTDB id 1054252 BCV31 RS09210 WP 016789736.1  .....T............SSIGENEQLPFPQLFANVGLEATPVDILAQRTHIPVHEVMMQLLELELSGHVVAVSGGYIRK   367
NTDB id 1399 DSB67 RS15600 WP 010645755.1     .....P...............IDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRK   366
consensus                                                          *        **  ****   *!***    *** **   !**!!! * **** !*****
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logo

NTDB id 1043 HON27 RS16615 WP 168727007.1     RS..   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1      RS..   376
NTDB id 1094 KZH42 RS01320 WP 002224767.1     IRT.   397
NTDB id 1089 NMB RS00600 WP 002224767.1       IRT.   397
NTDB id 1122 OK783 RS09595 WP 003705341.1     IRT.   395
NTDB id 1120 NGFG RS10355 WP 020997408.1      IRT.   395
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ....   375
NTDB id 1361 HI 0985 AAC22646.1               ....   373
NTDB id 1250 GC085 RS13065 WP 027219989.1     EYER   361
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GRG.   371
NTDB id 1054252 BCV31 RS09210 WP 016789736.1  GRG.   370
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GRG.   369
consensus                                      *
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X non conserved

X similar

X ≥ 50% conserved