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NTDB id 1094 KZH42 RS01320 WP 002224767.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE    77
NTDB id 1089 NMB RS00600 WP 002224767.1       ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE    77
NTDB id 1120 NGFG RS10355 WP 020997408.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE    77
NTDB id 1122 OK783 RS09595 WP 003705341.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE    77
NTDB id 1250 GCO85 RS13065 WP 027219989.1     .....MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLE.....EAGLPSWLAQTIKNFDPDFIKTDLNWL    70
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ...MKDQDLAAWLALCFTPKLGSKTISHLLATRL.PAQLQSFTPKQWLACGLKPEQLVFLTTQ.....AAKQAEQCLQWR    71
NTDB id 219186 A9237 RS08110 WP 078608012.1   MKPRNDTDLAAWLKLSCLPGIGGVKLSKLLSKDT.PSNIVQYSTEQLQLLGLTAKQLQAW.SQ.....VDKEVDACLTWA    73
NTDB id 1399 DSB67 RS15600 WP 010645755.1     MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDT.PSNIVQYSTEQLQLLGLTAKQLQAW.SQ.....VDKEVDACLTWV    73
NTDB id 1388 A4U84 RS04945 WP 062924099.1     .....MTHLTKLLALLQVPQLGAQRIGRLLSEVD.FGEFCQYDKTALKQMGWNERQIQRWFNP.....EHKWIDQALQWA    69
NTDB id 1361 HI 0985 AAC22646.1               ....MNDITYTLLRLMQVPKLGGVGIDKILSNIT.LNELLNYDDVAFRQMGWGAIQIRRWFKP.....EAKFIEPALVWS    70
consensus                                        * ********! ! *** *!* *********    ******  ***  **     ** ** *    *  * * ****! !
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NTDB id 1094 KZH42 RS01320 WP 002224767.1     MRDG.CRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS   156
NTDB id 1089 NMB RS00600 WP 002224767.1       MRDG.CRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS   156
NTDB id 1120 NGFG RS10355 WP 020997408.1      MRDG.CRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS   156
NTDB id 1122 OK783 RS09595 WP 003705341.1     MRDG.CRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS   156
NTDB id 1250 GCO85 RS13065 WP 027219989.1     SSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSGLAL   150
NTDB id 1152 A1552VC RS00200 WP 000654772.1   SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLAL   151
NTDB id 219186 A9237 RS08110 WP 078608012.1   AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGDASCLSQPQIAMVGSRNASVDGLQHARSFASDLVQHDLIVTSGLAL   153
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL   153
NTDB id 1388 A4U84 RS04945 WP 062924099.1     EQDQ.QQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAI   148
NTDB id 1361 HI 0985 AAC22646.1               QKEG.NHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLAL   149
consensus                                      ***   **** **** ****! *!** ***!**!***!**  ** ***!*!!!! **  ** *** !***** ** * !!*!*
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NTDB id 1094 KZH42 RS01320 WP 002224767.1     GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1089 NMB RS00600 WP 002224767.1       GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1120 NGFG RS10355 WP 020997408.1      GIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1122 OK783 RS09595 WP 003705341.1     GIDTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1250 GCO85 RS13065 WP 027219989.1     GIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIE   229
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVE   230
NTDB id 219186 A9237 RS08110 WP 078608012.1   GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVME.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE   232
NTDB id 1399 DSB67 RS15600 WP 010645755.1     GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE   232
NTDB id 1388 A4U84 RS04945 WP 062924099.1     GIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIE   228
NTDB id 1361 HI 0985 AAC22646.1               GIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVE   229
consensus                                     !!!* *!***** ! !*!!*!*!****!! *** !*  *** *! **!!!** **! !**!!*!!!*!**!!****!*!
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NTDB id 1094 KZH42 RS01320 WP 002224767.1     AALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASS...YSINKGIPE   312
NTDB id 1089 NMB RS00600 WP 002224767.1       AALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASS...YSINKGIPE   312
NTDB id 1120 NGFG RS10355 WP 020997408.1      AALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASS...YSINKDTPD   312
NTDB id 1122 OK783 RS09595 WP 003705341.1     AALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASS...YSINKDTPD   312
NTDB id 1250 GCO85 RS13065 WP 027219989.1     AAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQ.................   292
NTDB id 1152 A1552VC RS00200 WP 000654772.1   AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNAL.........TWSL......   295
NTDB id 219186 A9237 RS08110 WP 078608012.1   AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIRNGACLVQNTQEVLNEIQSLL.........DWSI......   297
NTDB id 1399 DSB67 RS15600 WP 010645755.1     AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLL.........DWSI......   297
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSL.FDT......   301
NTDB id 1361 HI 0985 AAC22646.1               ATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHS..IHSQTEIDFDQ......   301
consensus                                     !***!!!!!!!**!  !**!*!***!***  **  **!***!**  !!*!**  *********   ****     *    ***
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NTDB id 1094 KZH42 RS01320 WP 002224767.1     KRITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRY   392
NTDB id 1089 NMB RS00600 WP 002224767.1       KRITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRY   392
NTDB id 1120 NGFG RS10355 WP 020997408.1      TGRRTVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRY   390
NTDB id 1122 OK783 RS09595 WP 003705341.1     TGRRAVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRY   390
NTDB id 1250 GCO85 RS13065 WP 027219989.1     ............FTSNKPIFSL.....ASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYI   355
NTDB id 1152 A1552VC RS00200 WP 000654772.1   .........SEQVPYQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYI   366
NTDB id 219186 A9237 RS08110 WP 078608012.1   .........NQSL....DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYI   364
NTDB id 1399 DSB67 RS15600 WP 010645755.1     .........NQSL....DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYI   364
NTDB id 1388 A4U84 RS04945 WP 062924099.1     ......KP..KQAVKSEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRGGYV   373
NTDB id 1361 HI 0985 AAC22646.1               ......IAVPNYTPPPDPR...RL.VEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYK   371
consensus                                           *  *  **     *        ********** *!***  ***** *****!**!!! * *****!***
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NTDB id 1094 KZH42 RS01320 WP 002224767.1     QRIRT.   397
NTDB id 1089 NMB RS00600 WP 002224767.1       QRIRT.   397
NTDB id 1120 NGFG RS10355 WP 020997408.1      QRIRT.   395
NTDB id 1122 OK783 RS09595 WP 003705341.1     QRIRT.   395
NTDB id 1250 GCO85 RS13065 WP 027219989.1     RCEYER   361
NTDB id 1152 A1552VC RS00200 WP 000654772.1   RKGRG.   371
NTDB id 219186 A9237 RS08110 WP 078608012.1   RKGRG.   369
NTDB id 1399 DSB67 RS15600 WP 010645755.1     RKGRG.   369
NTDB id 1388 A4U84 RS04945 WP 062924099.1     IT....   375
NTDB id 1361 HI 0985 AAC22646.1               RV....   373
consensus                                     **  *
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X non conserved
X similar
X ≥ 50% conserved