logo



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NTDB id 223294 A6J88 RS18095 WP 045072813.1  MTENDRLAWLQLAFTPYVGAEGFLLLLQRFGSAKAALDAPVEQIATIVRHKQAAESWRNGEKRALAQKAAEAALQWEKQD  80
NTDB id 1094 KZH42 RS01320 WP 002224767.1    MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMRD  80
NTDB id 1089 NMB RS00600 WP 002224767.1      MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMRD  80
NTDB id 1120 NGFG RS10355 WP 020997408.1     MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD  80
NTDB id 1122 OK783 RS09595 WP 003705341.1    MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD  80
NTDB id 1388 A4U84 RS04945 WP 062924099.1    ..MTHLTKLLALLQVPQLGAQRIGRLLSEVDFGEFCQYDKTAL.KQMGWNERQIQRWFNP.....EHKWIDQALQWAEQD  72
NTDB id 1152 A1552VC RS00200 WP 000654772.1  MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQW.LACGLKPEQLVFLTTQ.....AAKQAEQCLQWRSAA  74
consensus                                    *********!*!***!**!******!** ********************** ***** ***********************!*!****
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NTDB id 223294 A6J88 RS18095 WP 045072813.1  GC.RLLLLQDDDFPEMLTQGITAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGRALSEQDIPVVSGMASGID  159
NTDB id 1094 KZH42 RS01320 WP 002224767.1    GC.RLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID  159
NTDB id 1089 NMB RS00600 WP 002224767.1      GC.RLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID  159
NTDB id 1120 NGFG RS10355 WP 020997408.1     GC.RLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID  159
NTDB id 1122 OK783 RS09595 WP 003705341.1    GC.RLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID  159
NTDB id 1388 A4U84 RS04945 WP 062924099.1    Q.QQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSGLAIGID  151
NTDB id 1152 A1552VC RS00200 WP 000654772.1  NNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGID  154
consensus                                    ** **********!**!******!!!!!**!** ****!**!!!!!!**********!**!** !*********!!*!*!!!
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NTDB id 223294 A6J88 RS18095 WP 045072813.1  TAAHQGALQAGGGTIAVWGTGIDRIYPPSNKNLAYEIAE.KGLIVSEFPLDTRPFAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1094 KZH42 RS01320 WP 002224767.1    TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1089 NMB RS00600 WP 002224767.1      TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1120 NGFG RS10355 WP 020997408.1     TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1122 OK783 RS09595 WP 003705341.1    TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAE.KGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1388 A4U84 RS04945 WP 062924099.1    GFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTLVIEATV  231
NTDB id 1152 A1552VC RS00200 WP 000654772.1  GYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAE  233
consensus                                    ***!**!****!*!*!!!*!*!****!!* ***!!**!** *!**!!!!*****!*!**!*!!!!!!*!**!!****!*!!**
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NTDB id 223294 A6J88 RS18095 WP 045072813.1  ESGSLITAKLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILHECPGLLQNAAVPSYSINKKNKKMEKRTA  318
NTDB id 1094 KZH42 RS01320 WP 002224767.1    ESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRI.TA  317
NTDB id 1089 NMB RS00600 WP 002224767.1      ESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRI.TA  317
NTDB id 1120 NGFG RS10355 WP 020997408.1     ESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGR.RT  317
NTDB id 1122 OK783 RS09595 WP 003705341.1    ESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGR.RA  317
NTDB id 1388 A4U84 RS04945 WP 062924099.1    NSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILE....AIAWQRQS.VHIQPSLFDTKPKQA  306
NTDB id 1152 A1552VC RS00200 WP 000654772.1  KSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSAVQ...  310
consensus                                    *!!!!!!!!**!*!*!!!!****!*!**!**!*!****!!**!!*!*******!*********************** ***      *
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NTDB id 223294 A6J88 RS18095 WP 045072813.1  VGEASSEPVLPFSDDLDVRKHSAPANTVAAPTAEDELLDAMGYDPVHPDILAQQTAWAAADVYARLLEYELDGIVAALPG  398
NTDB id 1094 KZH42 RS01320 WP 002224767.1    V........QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG  389
NTDB id 1089 NMB RS00600 WP 002224767.1      V........QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG  389
NTDB id 1120 NGFG RS10355 WP 020997408.1     V........QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG  387
NTDB id 1122 OK783 RS09595 WP 003705341.1    V........QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG  387
NTDB id 1388 A4U84 RS04945 WP 062924099.1    V...K..............SEPKFAKNLPELTACQQQLFEQISLEPISVDDLAKATDMAVETALIELLNLELLGVVKQVRG  370
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...................SDE.........ELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPG  363
consensus                                    *          ***       ********          * **********!*!!**********!!**!!*!*!****!
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NTDB id 223294 A6J88 RS18095 WP 045072813.1  GRYQRIKA   406
NTDB id 1094 KZH42 RS01320 WP 002224767.1    GRYQRIRT   397
NTDB id 1089 NMB RS00600 WP 002224767.1      GRYQRIRT   397
NTDB id 1120 NGFG RS10355 WP 020997408.1     GRYQRIRT   395
NTDB id 1122 OK783 RS09595 WP 003705341.1    GRYQRIRT   395
NTDB id 1388 A4U84 RS04945 WP 062924099.1    GYVIT...   375
NTDB id 1152 A1552VC RS00200 WP 000654772.1  GYIRKGRG   371
consensus                                    !*******
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X non conserved

X similar

X ≥ 50% conserved