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logo
NTDB id 351372 EZJ17 RS09520 WP 067444325.1  MENSAERLARIQLALMPYIGAETFYELCRHYGSAVAVWAA.EQEVGAILPSRPAQEAWRSRRH..EAEAAAEAALAWEQQ   77
NTDB id 1094 KZH42 RS01320 WP 002224767.1    .MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1089 NMB RS00600 WP 002224767.1      .MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1120 NGFG RS10355 WP 020997408.1     .MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1122 OK783 RS09595 WP 003705341.1    .MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR   79
consensus                                     ****!!*!**!!!**!!!!!!*!**!*! *!!!*****!****!******* !*!!!!*******!**!!!!!!*!!**

logo
NTDB id 351372 EZJ17 RS09520 WP 067444325.1  ENCRLLLACDADFPPQLGEGITAPPLLFARGNTEWLHRPSVAIVGSRHATPQAMRIAGEFGEALAATGIVTVSGMAAGID   157
NTDB id 1094 KZH42 RS01320 WP 002224767.1    DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 1089 NMB RS00600 WP 002224767.1      DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 1120 NGFG RS10355 WP 020997408.1     DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1122 OK783 RS09595 WP 003705341.1    DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
consensus                                    **!!!*!**!*!!!**!**!*!!!!*!!*!!!* *!!*!!*!!!!!!!!!!!!!!!!!!**!!**!***!!**!!!!!*!!!

logo
NTDB id 351372 EZJ17 RS09520 WP 067444325.1  SAAHEGALRRQGGTVAVWGTGIDRVYPVANKALAHRIAEEGCVLSEFPLGTRPLAGNFPRRNRLIAALSSAVLVVEAALE   237
NTDB id 1094 KZH42 RS01320 WP 002224767.1    TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1089 NMB RS00600 WP 002224767.1      TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1120 NGFG RS10355 WP 020997408.1     TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1122 OK783 RS09595 WP 003705341.1    TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
consensus                                    *!!!*!!! **!!!!*!!!!!!!!!*!!**!!*!!**!!!*!***!!!!*!!!!*!!!!!!!!!!!!!!!!***!!!!!!!!

logo
NTDB id 351372 EZJ17 RS09520 WP 067444325.1  SGSLITARLAADMGREVFAVPGSIDNPHSKGCHALIKQGAKLTETLADILEECPQLPQTASTNRQMAAQAKRLPENEYSE   317
NTDB id 1094 KZH42 RS01320 WP 002224767.1    SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYS..INKGIPEKRITA   317
NTDB id 1089 NMB RS00600 WP 002224767.1      SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYS..INKGIPEKRITA   317
NTDB id 1120 NGFG RS10355 WP 020997408.1     SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYS..INKDTPDTGRRT   317
NTDB id 1122 OK783 RS09595 WP 003705341.1    SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYS..INKDTPDTGRRA   317
consensus                                    !!!!!!!*!!!*!!!!!*!!!!!!!!!!!!!!!!*!!!*!!!!*!*!*!!!!*!!!*!*!******** **! *!*  **

logo
NTDB id 351372 EZJ17 RS09520 WP 067444325.1  FLQNQNADVEHRQAESLPSEQPALVDATPASTETETSLLLQAMGYDPIHPDSLAELLKLPAADVYAELTLLEINGQIAPL   397
NTDB id 1094 KZH42 RS01320 WP 002224767.1    VQTAS.......DQLSLPEGK...MPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAM   387
NTDB id 1089 NMB RS00600 WP 002224767.1      VQTAS.......DQLSLPEGK...MPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAM   387
NTDB id 1120 NGFG RS10355 WP 020997408.1     VQTAY.........APPPAAK...MPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAM   385
NTDB id 1122 OK783 RS09595 WP 003705341.1    VQTAY.........APPPAAK...MPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAM   385
consensus                                    ****           **! **   **** *   *  * *!**!!*!!*!!!*!!**!**!!!!*!!*!**!!**!**!**
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logo

NTDB id 351372 EZJ17 RS09520 WP 067444325.1  SGGRYQRIAPNRNTK   412
NTDB id 1094 KZH42 RS01320 WP 002224767.1    PGGRYQRIRT.....   397
NTDB id 1089 NMB RS00600 WP 002224767.1      PGGRYQRIRT.....   397
NTDB id 1120 NGFG RS10355 WP 020997408.1     PGGRYQRIRT.....   395
NTDB id 1122 OK783 RS09595 WP 003705341.1    PGGRYQRIRT.....   395
consensus                                    *!!!!!!!**
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X non conserved

X similar

X $\geq$ 50% conserved