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logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1   MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLVF......LTTQAAKQAEQCLQWRSAA   74
NTDB id 1094 KZH42 RS01320 WP 002224767.1     MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1089 NMB RS00600 WP 002224767.1       MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 398513 GIJ09 RS10570 WP 153707905.1   MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1120 NGFG RS10355 WP 020997408.1      MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1122 OK783 RS09595 WP 003705341.1     MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
consensus                                     !******!!!*!*!!!**!******!******!!*****!****! *****  ************!***!!**!*!****

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NTDB id 1152 A1552VC RS00200 WP 000654772.1   NNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGID   154
NTDB id 1094 KZH42 RS01320 WP 002224767.1     GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 1089 NMB RS00600 WP 002224767.1       GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 398513 GIJ09 RS10570 WP 153707905.1   GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1120 NGFG RS10355 WP 020997408.1      GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1122 OK783 RS09595 WP 003705341.1     GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
consensus                                     **!****  *****!**!******!!!!!**!** **!*!**!!!!!!*!******!!**!** !***!** *!!*!*!!!

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GYAHDGALQAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE
NTDB id 1152 A1552VC RS00200 WP 000654772.1   GYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAEK   234
NTDB id 1094 KZH42 RS01320 WP 002224767.1     TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1089 NMB RS00600 WP 002224767.1       TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 398513 GIJ09 RS10570 WP 153707905.1   TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1120 NGFG RS10355 WP 020997408.1      TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1122 OK783 RS09595 WP 003705341.1     TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
consensus                                     **!!*!!!  !*!*!*!!*!*!*****!!* ***!!**!***!**!!!!***!*!*!**!!!!!!*!**!!****!!!!!**

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NTDB id 1152 A1552VC RS00200 WP 000654772.1   SGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNAL......TWSLSEQVPYQATLFSA   308
NTDB id 1094 KZH42 RS01320 WP 002224767.1     SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 1089 NMB RS00600 WP 002224767.1       SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 398513 GIJ09 RS10570 WP 153707905.1   SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   319
NTDB id 1120 NGFG RS10355 WP 020997408.1      SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTVQ   319
NTDB id 1122 OK783 RS09595 WP 003705341.1     SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   319
consensus                                     !!!!!!!  *!!!*!!!!**!!!!!*!**!*!***!!**!!*!  *****!**!****!*******!***  !* *  ***

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NTDB id 1152 A1552VC RS00200 WP 000654772.1   ...............VQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG   371
NTDB id 1094 KZH42 RS01320 WP 002224767.1     TASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   397
NTDB id 1089 NMB RS00600 WP 002224767.1       TASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   397
NTDB id 398513 GIJ09 RS10570 WP 153707905.1   TAY..APPPAAKMPSEGVAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1120 NGFG RS10355 WP 020997408.1      TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1122 OK783 RS09595 WP 003705341.1     TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
consensus                                     **      * ******        * *!***!******!*!!*****!**!****!!!!!!*!*!*!*!!!*****!*
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X non conserved
X similar
X $\geq$ 50% conserved