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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 1120 NGFG RS10355 WP 020997408.1      MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 328451 EGH16 RS11205 WP 124743260.1  MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWHNAEKRALARQAAEAALEWEMRD   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 1120 NGFG RS10355 WP 020997408.1      GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 328451 EGH16 RS11205 WP 124743260.1  GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1122 OK783 RS09595 WP 003705341.1    GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
consensus                                    **!**** *****!**!*****!!!!!**!** **!*!**!!!!!!*!******!!**!** !***!** *!!*!*!!!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1   GYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVEAAEK   234
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 328451 EGH16 RS11205 WP 124743260.1  TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   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 1120 NGFG RS10355 WP 020997408.1      SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTVQ   319
NTDB id 328451 EGH16 RS11205 WP 124743260.1  SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   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 1120 NGFG RS10355 WP 020997408.1      TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 328451 EGH16 RS11205 WP 124743260.1  TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   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