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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 1122 OK783 RS09595 WP 003705341.1       MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1162928 ABNR97 RS07330 WP 003690292.1   MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1120 NGFG RS10355 WP 020997408.1        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 1122 OK783 RS09595 WP 003705341.1       GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1162928 ABNR97 RS07330 WP 003690292.1   GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1120 NGFG RS10355 WP 020997408.1        GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
consensus                                       **!**** *****!**!******!!!!!**!** **!*!**!!!!!!*!******!!**!** !***!** *!!*!*!!!

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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 1122 OK783 RS09595 WP 003705341.1       TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1162928 ABNR97 RS07330 WP 003690292.1   TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1120 NGFG RS10355 WP 020997408.1        TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   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 1122 OK783 RS09595 WP 003705341.1       SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   319
NTDB id 1162928 ABNR97 RS07330 WP 003690292.1   SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   319
NTDB id 1120 NGFG RS10355 WP 020997408.1        SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTVQ   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 1122 OK783 RS09595 WP 003705341.1       TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1162928 ABNR97 RS07330 WP 003690292.1   TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1120 NGFG RS10355 WP 020997408.1        TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
consensus                                       **      * ******        * *!***!******!*!!*****!**!****!!!!!!*!*!*!*!!!*****!*
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X non conserved
X similar
X $\geq$50% conserved