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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 21621 NMA RS00820 WP 002246734.1      MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMRD   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 21621 NMA RS00820 WP 002246734.1      GCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGQNIPVVSGMASGID   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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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 21621 NMA RS00820 WP 002246734.1      TAAHQGALEAEGGTIAVWGTGIDRIYPPSNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   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   SGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVGSVQQIHQELKNAL......TWSLSEQVPYQATLFSA   308
NTDB id 1094 KZH42 RS01320 WP 002224767.1     SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 1089 NMB RS00600 WP 002224767.1       SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 21621 NMA RS00820 WP 002246734.1      SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   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 21621 NMA RS00820 WP 002246734.1      TAY..APPPAAKMPSEAAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPSGRYQRIRT   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