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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 39049 NLA RS00295 WP 013448200.1     MTEDERFAWLQLAFTPYIGAESFLLLLRRFGSAQNALSAPAEQVAQAVRHKQALEAWRNAEKRALARQAAEAALEWEMRD   80
NTDB id 1122 OK783 RS09595 WP 003705341.1    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 39049 NLA RS00295 WP 013448200.1     GCRLMLL.QDEDFPEMLAQGLTAPPVLFLRGNVRLLHKPSAAIVGSRYATPQAMRIAKDFGRALGGKGIPVVSGMASGID   159
NTDB id 1122 OK783 RS09595 WP 003705341.1    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  GYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVEAAEK   234
NTDB id 1094 KZH42 RS01320 WP 002224767.1    TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1089 NMB RS00600 WP 002224767.1      TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 39049 NLA RS00295 WP 013448200.1     TAAHQGALQAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1122 OK783 RS09595 WP 003705341.1    TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   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 39049 NLA RS00295 WP 013448200.1     SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTSDTGSRAVQ   319
NTDB id 1122 OK783 RS09595 WP 003705341.1    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 39049 NLA RS00295 WP 013448200.1     TAYA..PPPAAKMLSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPATDLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1122 OK783 RS09595 WP 003705341.1    TAYA..PPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1120 NGFG RS10355 WP 020997408.1     TAYA..PPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
consensus                                    **       * ******        * *!***!******!*!!*****!**!****!!!!!!*!*!*!*!!!*****!*
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X non conserved
X similar
X $\geq$ 50% conserved