logo



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NTDB id 1094 KZH42 RS01320 WP 002224767.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1089 NMB RS00600 WP 002224767.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1122 OK783 RS09595 WP 003705341.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1120 NGFG RS10355 WP 020997408.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNI.VQYSTEQLQLLGLTAKQLQAW.SQ.....VDKEVDACLTWV  73
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQL.QSFTPKQWLACGLKPEQLVFLTTQ.....AAKQAEQCLQWR  71
consensus                                     *******!!!*!***!**!******!** ************!**  **** *!*******************!*!*
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logo



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NTDB id 1094 KZH42 RS01320 WP 002224767.1    MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS  156
NTDB id 1089 NMB RS00600 WP 002224767.1      MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS  156
NTDB id 1122 OK783 RS09595 WP 003705341.1    MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS  156
NTDB id 1120 NGFG RS10355 WP 020997408.1     MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS  156
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL  153
NTDB id 1152 A1552VC RS00200 WP 000654772.1  SAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLAL  151
consensus                                     ****** *********!**!******!!*!!**!** ****!**!*!!!!*!**********!** !*********!!*!*
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logo



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NTDB id 1094 KZH42 RS01320 WP 002224767.1    GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1089 NMB RS00600 WP 002224767.1      GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1122 OK783 RS09595 WP 003705341.1    GIDTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1120 NGFG RS10355 WP 020997408.1     GIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1399 DSB67 RS15600 WP 010645755.1    GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEA  233
NTDB id 1152 A1552VC RS00200 WP 000654772.1  GIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEA  231
consensus                                     !!!**!!*!!! !*!*!*!!*!*!****!!* ***!!******!**!!!!*****!*!**!!!!!!*!**!!***!!!!
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logo



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NTDB id 1094 KZH42 RS01320 WP 002224767.1    ALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRIT  316
NTDB id 1089 NMB RS00600 WP 002224767.1      ALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRIT  316
NTDB id 1122 OK783 RS09595 WP 003705341.1    ALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRR  316
NTDB id 1120 NGFG RS10355 WP 020997408.1     ALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRR  316
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLD......WSINQSL....DL  303
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALT......WSLSEQVPYQATL  305
consensus                                     !**!!!!!!!**!*!*!!!!***!*!!******!***!!**!!*!**********!****!********!*** ***
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NTDB id 1094 KZH42 RS01320 WP 002224767.1    AV.QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRI  395
NTDB id 1089 NMB RS00600 WP 002224767.1      AV.QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRI  395
NTDB id 1122 OK783 RS09595 WP 003705341.1    AV.QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRI  393
NTDB id 1120 NGFG RS10355 WP 020997408.1     TV.QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRI  393
NTDB id 1399 DSB67 RS15600 WP 010645755.1    FSAPIDEEELP.................FPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKG  367
NTDB id 1152 A1552VC RS00200 WP 000654772.1  FSAVQSDEELP.................FPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKG  369
consensus                                     * *** * ** * ******         * *!***!******!*!!*****!*******!!!!!!*!*!*!**!!*****
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logo                                                

NTDB id 1094 KZH42 RS01320 WP 002224767.1     RT   397
NTDB id 1089 NMB RS00600 WP 002224767.1       RT   397
NTDB id 1122 OK783 RS09595 WP 003705341.1     RT   395
NTDB id 1120 NGFG RS10355 WP 020997408.1      RT   395
NTDB id 1399 DSB67 RS15600 WP 010645755.1     RG   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   RG   371
consensus                                     !*


                                              X  non conserved
                                              X  similar
                                              X  ≥ 50% conserved
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