logo



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NTDB id 1122 OK783 RS09595 WP 003705341.1   ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1120 NGFG RS10355 WP 020997408.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 191467 A6L95 RS01105 WP 002216225.1 ...MTEDERFAWLQLAFTPYIGAESFLLLLRRFGSASNALSAPAEQVALAVRHKQAAEAWRNAEKRASARQAAEAALEWE  77
NTDB id 1094 KZH42 RS01320 WP 002224767.1   ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1089 NMB RS00600 WP 002224767.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWE  77
NTDB id 1399 DSB67 RS15600 WP 010645755.1   MTPQNDIDLAAWLKLSCLPGIGCVKMNKLLSKDTPSNI.VQYSTEQLQLLGLTAKQLQAW.S.....QVDKEVDACLTWV  73
NTDB id 1152 A1552VC RS00200 WP 000654772.1 ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQL.QSFTPKQWLACGLKPEQLVFLTT.....QAAKQAEQCLQWR  71
consensus                                    *******!!!*!***!**!******!*****************!**  **** ***********************!*!*
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NTDB id 1122 OK783 RS09595 WP 003705341.1   MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS  156
NTDB id 1120 NGFG RS10355 WP 020997408.1    MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMAS  156
NTDB id 191467 A6L95 RS01105 WP 002216225.1 MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPVVSGMAS  156
NTDB id 1094 KZH42 RS01320 WP 002224767.1   MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS  156
NTDB id 1089 NMB RS00600 WP 002224767.1     MRDGCR.LMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMAS  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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NTDB id 1122 OK783 RS09595 WP 003705341.1   GIDTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1120 NGFG RS10355 WP 020997408.1    GIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 191467 A6L95 RS01105 WP 002216225.1 GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPSNKNLAYEIAERGLIVSEFPLDTRPFAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1094 KZH42 RS01320 WP 002224767.1   GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  236
NTDB id 1089 NMB RS00600 WP 002224767.1     GIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEA  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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NTDB id 1122 OK783 RS09595 WP 003705341.1   ALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRR  316
NTDB id 1120 NGFG RS10355 WP 020997408.1    ALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRR  316
NTDB id 191467 A6L95 RS01105 WP 002216225.1 ALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPRLLQNEGASSYSINKGMPEKRIT  316
NTDB id 1094 KZH42 RS01320 WP 002224767.1   ALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRIT  316
NTDB id 1089 NMB RS00600 WP 002224767.1     ALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRIT  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 1122 OK783 RS09595 WP 003705341.1    AVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR   394
NTDB id 1120 NGFG RS10355 WP 020997408.1     TVQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR   394
NTDB id 191467 A6L95 RS01105 WP 002216225.1  AVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR   396
NTDB id 1094 KZH42 RS01320 WP 002224767.1    AVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR   396
NTDB id 1089 NMB RS00600 WP 002224767.1      AVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIR   396
NTDB id 1399 DSB67 RS15600 WP 010645755.1    FSA......P.........IDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGR   368
NTDB id 1152 A1552VC RS00200 WP 000654772.1  FSA......V.........QSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGR   370
consensus                                    *****       * ******  **      * *!***!******!*!!*****!********!!!!!!*!*!*!**!!*****!
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NTDB id 1122 OK783 RS09595 WP 003705341.1    T   395
NTDB id 1120 NGFG RS10355 WP 020997408.1     T   395
NTDB id 191467 A6L95 RS01105 WP 002216225.1  T   397
NTDB id 1094 KZH42 RS01320 WP 002224767.1    T   397
NTDB id 1089 NMB RS00600 WP 002224767.1      T   397
NTDB id 1399 DSB67 RS15600 WP 010645755.1    G   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1  G   371
consensus                                    *
```

X non conserved
X similar
X ≥ 50% conserved