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logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1  .MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQWLACGLKPEQLV......FLTTQAAKQAEQCLQWRSA   73
NTDB id 240308 CGZ77 RS04175 WP 009425401.1  MEQTAERQSWLKLALMPHIGAETFLQLVGHFGSAAAWQAGADAVRPLLARKQAREAWANRR..GEAERAAEAALRWEEG   78
NTDB id 1094 KZH42 RS01320 WP 002224767.1   .MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1089 NMB RS00600 WP 002224767.1     .MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1120 NGFG RS10355 WP 020997408.1    .MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR   79
NTDB id 1122 OK783 RS09595 WP 003705341.1   .MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR   79
consensus                                    ********!!*!***!**!******!** ***!************  ******************!***!!**!*!***

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  ANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLALGI  153
NTDB id 240308 CGZ77 RS04175 WP 009425401.1  EGCRLLML.CDGDFPSMLGEGMTPPPLLFARGNTALLHRPSVAVVGSRHATPQAERIARDFGRALSQQGIAAVSGMAAGI  157
NTDB id 1094 KZH42 RS01320 WP 002224767.1   DGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGI  158
NTDB id 1089 NMB RS00600 WP 002224767.1     DGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGI  158
NTDB id 1120 NGFG RS10355 WP 020997408.1    DGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGI  158
NTDB id 1122 OK783 RS09595 WP 003705341.1   DGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGI  158
consensus                                    ***!**** *****!**!******!!*!!**!** **!*!**!*!!!!*!******!!**!** !***!** *!!*!*!!

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  DGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVEAAE  233
NTDB id 240308 CGZ77 RS04175 WP 009425401.1  DTAAHLGALEGAGGTVAVWGTGIDRIYPPSNKNLAYQIAERGLIVSEFPLGTRPLAGNFPRRNRIIAALAQAVLVVEAAV  237
NTDB id 1094 KZH42 RS01320 WP 002224767.1   DTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1089 NMB RS00600 WP 002224767.1     DTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1120 NGFG RS10355 WP 020997408.1    DTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
NTDB id 1122 OK783 RS09595 WP 003705341.1   DTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAAL  238
consensus                                    !**!!*!!!! **!*!*!!*!*!*****!!* ***!!**!***!**!!!!***!*!*!**!!!!!!*!**!*****!!!!!*

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  KSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNAL......TWSLSEQVPYQATLFS  307
NTDB id 240308 CGZ77 RS04175 WP 009425401.1  ESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHRLIKEGAKLTESLEDILSECPQLLPNGAASSYSINRETRQDTPRQV  317
NTDB id 1094 KZH42 RS01320 WP 002224767.1   ESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAV  318
NTDB id 1089 NMB RS00600 WP 002224767.1     ESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAV  318
NTDB id 1120 NGFG RS10355 WP 020997408.1    ESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTV  318
NTDB id 1122 OK783 RS09595 WP 003705341.1   ESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAV  318
consensus                                    *!!!!!!!**!!!*!!!!**!!!!!!*!**!*!***!!**!!*! *****!**!****!********!***  **      *

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  ..............AVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG  371
NTDB id 240308 CGZ77 RS04175 WP 009425401.1  QTASAQVRQRPSETQEKAQTADGGTGSLLDKMGYDPIHPDTLAERLGLSAADIYAALLEMELEGRVAAASGGRYQRIR.  395
NTDB id 1094 KZH42 RS01320 WP 002224767.1   QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  397
NTDB id 1089 NMB RS00600 WP 002224767.1     QTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  397
NTDB id 1120 NGFG RS10355 WP 020997408.1    QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  395
NTDB id 1122 OK783 RS09595 WP 003705341.1   QTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  395
consensus                                    ***       * ******         * *!***!******!*!!********!****!!!*!!*!*!*!**!!*****!*
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X non conserved
X similar
X $\geq$ 50% conserved