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logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1    MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTE.QLQ.LLGLTAKQLQAW.SQ.....VDKEVDACLTW    72
NTDB id 1152 A1552VC RS00200 WP 000654772.1  ...MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPK.QWL.ACGLKPEQLVFLTTQ.....AAKQAEQCLQW    70
NTDB id 392294 GB851 RS09860 WP 038310381.1  ..MVTESERCAWIELALTPYIGAESFLRLIEHCGSAAEALRAPVNLVAQLAHHGKQAAAAWTDKS...KAKSACEAALQW    75
NTDB id 1094 KZH42 RS01320 WP 002224767.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHK.QALEAWRNAEKRALARQAAEAALEW    76
NTDB id 1089 NMB RS00600 WP 002224767.1      ...MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHK.QALEAWRNAEKRALARQAAEAALEW    76
NTDB id 1120 NGFG RS10355 WP 020997408.1     ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHK.HALEAWRNAEKRALARQAAEAALEW    76
NTDB id 1122 OK783 RS09595 WP 003705341.1    ...MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHK.HALEAWRNAEKRALARQAAEAALEW    76
consensus                                       *******!!**!***!**!******!** ***************  *****   ********************!*!

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1    VAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLA   152
NTDB id 1152 A1552VC RS00200 WP 000654772.1  RSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSGLA   150
NTDB id 392294 GB851 RS09860 WP 038310381.1  EQQENCRL.LLLCDDDYPQLLTEGLTPPPLLFVRGQMACLQRPAIGIVGGRRATPQAVRMAGDFGKALSEKGIAVISGMA   154
NTDB id 1094 KZH42 RS01320 WP 002224767.1    EMRDGCRL.MLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1089 NMB RS00600 WP 002224767.1      EMRDGCRL.MLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMA   155
NTDB id 1120 NGFG RS10355 WP 020997408.1     EMRDGCRL.MLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMA   155
NTDB id 1122 OK783 RS09595 WP 003705341.1    EMRDGCRL.MLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMA   155
consensus                                    ******** ********!**!******!!*!!**!** ****!****!!*!*!***********!** !********!!*!

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1    LGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVE   232
NTDB id 1152 A1552VC RS00200 WP 000654772.1  LGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRIISGLSLGVVVVE   230
NTDB id 392294 GB851 RS09860 WP 038310381.1  TGIDAAAHEGALQGSSSTIAVWGTGIDRIYPQSNQKLAYQIAERGAIISEFPLGTRPVAGNFPRRNRIIAALSWATLVVE   234
NTDB id 1094 KZH42 RS01320 WP 002224767.1    SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1089 NMB RS00600 WP 002224767.1      SGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1120 NGFG RS10355 WP 020997408.1     SGIDTAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
NTDB id 1122 OK783 RS09595 WP 003705341.1    SGIDTAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVE   235
consensus                                    *!!!**!!*!!!*****!*!!*!*!****!!* ***!!******!***!!!*****!*!**!!!!!!*!**!!****!!!

logo
NTDB id 1399 DSB67 RS15600 WP 010645755.1    AAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL....DLFSAP.   307
NTDB id 1152 A1552VC RS00200 WP 000654772.1  AAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQATLFSAV.   309
NTDB id 392294 GB851 RS09860 WP 038310381.1  ATVESGSLITARLAAEMGREVMAIPSSIDNLLAKGCHKLIKEGAKLVECVDDIVQECPLLLGESVQAALDLPTTLSTRKK   314
NTDB id 1094 KZH42 RS01320 WP 002224767.1    AALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRI   315
NTDB id 1089 NMB RS00600 WP 002224767.1      AALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRI   315
NTDB id 1120 NGFG RS10355 WP 020997408.1     AALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGR   315
NTDB id 1122 OK783 RS09595 WP 003705341.1    AALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGR   315
consensus                                    !***!!!!!!!**!*!*!!!!***!*!!*****!***!!**!!*!********!****!************  ***
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logo

NTDB id 1399 DSB67 RS15600 WP 010645755.1     ........I.....DEEEL.........PFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIR   365
NTDB id 1152 A1552VC RS00200 WP 000654772.1   ........Q.....SDEEL.........PFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIR   367
NTDB id 392294 GB851 RS09860 WP 038310381.1  REKTAKPIAQISEVNEPETPI..SLHENSDNVLLNAMGFSPIHPDLLAENLNLPAVDVYAELTELELDGWIVSMAGGREQ   392
NTDB id 1094 KZH42 RS01320 WP 002224767.1    TA..VQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQ   393
NTDB id 1089 NMB RS00600 WP 002224767.1      TA..VQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQ   393
NTDB id 1120 NGFG RS10355 WP 020997408.1     RT..VQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQ   391
NTDB id 1122 OK783 RS09595 WP 003705341.1    RA..VQTAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQ   391
consensus                                        ****      ********         *  *!***!******!*!!*****!*******!*!!!!*!*******!!***
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logo

NTDB id 1399 DSB67 RS15600 WP 010645755.1     KGRG   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1   KGRG   371
NTDB id 392294 GB851 RS09860 WP 038310381.1   RVK.   395
NTDB id 1094 KZH42 RS01320 WP 002224767.1     RIRT   397
NTDB id 1089 NMB RS00600 WP 002224767.1       RIRT   397
NTDB id 1120 NGFG RS10355 WP 020997408.1      RIRT   395
NTDB id 1122 OK783 RS09595 WP 003705341.1     RIRT   395
consensus                                     ****
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X non conserved

X similar

X $\geq$ 50% conserved