logo

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NTDB id 1122 OK783 RS09595 WP 003705341.1  ........MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAE.KRALARQAAEAALEW  76
NTDB id 1120 NGFG RS10355 WP 020997408.1   ........MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAE.KRALARQAAEAALEW  76
NTDB id 1037 TT RS09535 WP 011174226.1     ..............MDPLALALLPGIGPKRLLEVLKAEDPLGFLRERFPEAWRH....LPE..............AEAQAERERRR  54
NTDB id 55086 DEIPE RS08710 WP 015235603.1 MSLVTLLSAPPDELTALLALRFTPHLGPHRIETLRRHFGSAGAALSARKEELRQ....VPGLDARSVKEVGSASACERACLELQR  81
NTDB id 1314 DR RS00625 WP 010886768.1     MTL.PSPAAAHAELLALLTLRFTPGLGPRRIENLRRHFGSAEAALAAPLTELRR....VEGLDSRSVAAIGGAKAAEEARAELNK  80
consensus                                        **  * ! !***! *!* *** *** **** ***** * **     * ****   **    * !   !**** *
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NTDB id 1122 OK783 RS09595 WP 003705341.1  EMRDGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLL.......HKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGM  154
NTDB id 1120 NGFG RS10355 WP 020997408.1   EMRDGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLL.......HKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGM  154
NTDB id 1037 TT RS09535 WP 011174226.1     AEALGVRLLGLWEEGFPEGLKALPQPPTHLYLKGEL.....P...PEREAVALVGTRRASPWALAFARKLARELSEAGLWVVSGL  131
NTDB id 55086 DEIPE RS08710 WP 015235603.1 ARLAGVSLLGRGLEGYPAALEALTDPPAVLWVKGK.....LPPLGVVPRAVGIVGTRSASPFALNFTRRLTLDLARAEVMIISGL  161
NTDB id 1314 DR RS00625 WP 010886768.1     AAERGVTLLGRGLPGYPAALEALGDPPAVLWVRGAGGAELLAGLGTVPHSVGIVGTRAASPHALALTRTIAGELAAAGVLIVSGL  165
consensus                                  *   !**!*** ****!**!  **   *!  *!***! *           * ****!!*!  !*!  !* *** ****!***** **!!*
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NTDB id 1122 OK783 RS09595 WP 003705341.1  ASGIDTAAHQGALE.....AEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV  234
NTDB id 1120 NGFG RS10355 WP 020997408.1   ASGIDTAAHQGALE.....AEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVV  234
NTDB id 1037 TT RS09535 WP 011174226.1     ARGIDREAHLGALE.....AGGRTLGVLGSALDRVYPPENRPLA....QRMDLLSEFPFGTGPKPEFFPRRNRLIAGLCRAVVVV  207
NTDB id 55086 DEIPE RS08710 WP 015235603.1 ARGIDTAAHQAAIE.....GGVPTVGVLGSGVDNIYPKENKELS....ERMTVISEHPLGTRPAAHNFPGRNRIIAALSAGSVVV  237
NTDB id 1314 DR RS00625 WP 010886768.1     ARGVDTAAHTAALEAASGEASSPTIGVLGSAVDVIYPRENHDLA....GRMVVVSEYPLGTGPAQHHFPSRNRVIAALSAGVLVV  246
consensus                                  !*!*!**!!**!*!      * * !**!*!***!**!!**!* !*    *******!!*!*!!*! * *!!*!!!*!!*!* ***!!
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NTDB id 1122 OK783 RS09595 WP 003705341.1  EAALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ  319
NTDB id 1120 NGFG RS10355 WP 020997408.1   EAALESGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTVQ  319
NTDB id 1037 TT RS09535 WP 011174226.1     EAPLDSGALITARHALELGKEVLAVPGRPMDERSLGANRLIQDGAYPVLSAEDVLSYLGMSAR.......................  270
NTDB id 55086 DEIPE RS08710 WP 015235603.1 EGSARSGALITAVAALECGRSVFAVPGRPGDPLAAGPHQLLREGAALCENAGDVLTELGWSGA.......................  300
NTDB id 1314 DR RS00625 WP 010886768.1     EGERKSGSLITATHALDCGRTVFAVPGRAGDPRASGPHALIRDGAVLTESAQDVLTELNWGLA.......................  309
consensus                                  !*  **!!*!!!!   !***!**!*!!!!*  ** * ! **!***!! *** **!*!***    *
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NTDB id 1122 OK783 RS09595 WP 003705341.1  TAYAPPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  395
NTDB id 1120 NGFG RS10355 WP 020997408.1   TAYAPPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT  395
NTDB id 1037 TT RS09535 WP 011174226.1     ...PK.PLPGLSPEEEALY....ALL..QEKKEALPEALAMALGIPPERVLSLLTLLELKGLARALPGGRYGPG..  334
NTDB id 55086 DEIPE RS08710 WP 015235603.1 ...PPAPPPALPPELARVY....GAL..SGP..TLLDDLAATLGIPLSEVQTAVMMLCLQELVTECPGGRYLKR..  363
NTDB id 1314 DR RS00625 WP 010886768.1     ...PAPAVPDLPPEQARVL....RAL..QTP..ATLDDLAATTGLSIPELQTALVMLQLQGLAYEV.GGRWSR...  370
consensus                                     **** * ***!  ***     **!   *     ** !!* ****  **  ******!*!  ***  ***!!!* *
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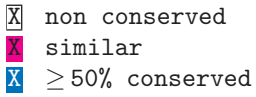
X non conserved
X similar
X ≥ 50% conserved