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logo
NTDB id 119422 SALWKB2 RS01250 WP 025329886.1  MDTQERLAWIELALTPFVGAETFLRIIKYFGSAQNALSTSAAEISPFCQ.RQISKYWHS....DVAKQATEAAIEWEQAH   75
NTDB id 1094 KZH42 RS01320 WP 002224767.1      MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR.   79
NTDB id 1089 NMB RS00600 WP 002224767.1        MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNALSAPAEQVAALIRHKQALEAWRNAEKRALARQAAEAALEWEMR.   79
NTDB id 1122 OK783 RS09595 WP 003705341.1      MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR.   79
NTDB id 1120 NGFG RS10355 WP 020997408.1       MTEDERFAWLQLAFTPYIGAESFLLLMRSFGSAQNALSAPAEQVAPAVRHKHALEAWRNAEKRALARQAAEAALEWEMR.   79
consensus                                      !***!!*!!**!!*!!**!!!*!!**** !!!!!!!!!**!***** *********!********!*!!*!!!*!!!**

logo
NTDB id 119422 SALWKB2 RS01250 WP 025329886.1  TDARLLLLADNDFPAMLTKGLTPPPLLFVRGDSQCLHQPALSIVGSRHATPQAMRITHDFAAALARKGVTIISGMASGAD   155
NTDB id 1094 KZH42 RS01320 WP 002224767.1      DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 1089 NMB RS00600 WP 002224767.1        DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPVVSGMASGID   159
NTDB id 1122 OK783 RS09595 WP 003705341.1      DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
NTDB id 1120 NGFG RS10355 WP 020997408.1       DGCRLMLLQDEDFPEMLTQGLTAPPVLFLRGNVRLLHKPSAAIVGSRHATPQAMRIAKDFGRALGGKGIPTVSGMASGID   159
consensus                                      ***!!*!!*!*!!!*!!!*!!!*!!*!!*!!****!!*!***!!!!!!!!!!!!!!!**!!**!**!!****!!!!!!*!

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NTDB id 119422 SALWKB2 RS01250 WP 025329886.1  TAAHQGALQAMGTTVAVWGTGIDRVYPARNKNLATQIAAHGCIISEFPLGTRPSPGNFPRRNRLIAALSQGTLVVEAATE   235
NTDB id 1094 KZH42 RS01320 WP 002224767.1      TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1089 NMB RS00600 WP 002224767.1        TAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1122 OK783 RS09595 WP 003705341.1      TAAHQGALEAEGGTVAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
NTDB id 1120 NGFG RS10355 WP 020997408.1       TAAHQGALEAEGGTIAVWGTGIDRIYPPANKNLAYEIAEKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQVTLVVEAALE   239
consensus                                      !!!!!!!!!*!*!*!!!!!!!!!*!!* !!!!!**!!**!*!*!!!!*!!!!**!!!!!!!!!!!!!!!!*!!!!!!!*!

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NTDB id 119422 SALWKB2 RS01250 WP 025329886.1  SGSLITARLAGEMGREVMAIPGSIDNPLSKGCHALIKQGAKLVENLEDILQECPRLLQKKDLQSYSNRPHLQTDDISKSS   315
NTDB id 1094 KZH42 RS01320 WP 002224767.1      SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 1089 NMB RS00600 WP 002224767.1        SGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKGIPEKRITAVQ   319
NTDB id 1122 OK783 RS09595 WP 003705341.1      SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRAVQ   319
NTDB id 1120 NGFG RS10355 WP 020997408.1       SGSLITAGLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLTECLDDILNECPGLLQNTGASSYSINKDTPDTGRRTVQ   319
consensus                                      !!!!!!!*!!*!!!!!!!!!*!!!!!!!*!!!!!*!!!*!!!!*!*!*!!!!*!!!*!!!*****!!!*** ***  *****

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NTDB id 119422 SALWKB2 RS01250 WP 025329886.1  TNTDSSE.DSLSVHSPDCILNPMEQQVLDGLGYGIMHPDMLVTALGMAATDVYAHLVTLELGGWITTLPGGCYQRIKS   392
NTDB id 1094 KZH42 RS01320 WP 002224767.1      TASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   397
NTDB id 1089 NMB RS00600 WP 002224767.1        TASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   397
NTDB id 1122 OK783 RS09595 WP 003705341.1      TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
NTDB id 1120 NGFG RS10355 WP 020997408.1       TAY..APPPAAKMPSEGAAGGTAVGGILDKMGFDPIHPDVLAGQLAMPAADLYAALLELELDGSVAAMPGGRYQRIRT   395
consensus                                      !***    * ****!*     ** * *!!**!****!!!*!***!*!*!*!*!!*!**!!!*!*****!!!*!!!!**
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X non conserved
X similar
X $\geq$50% conserved