```
logo
NTDB id 1018855 ABXR98 RS03060 WP 374695106.1  MDTQERLAWIELALTPFVGAETFLRIIKYFGSAQNALSASAAEVTPFFHHQQASKYWHSK....IAKQATEGALEWEQAH   76
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 1018855 ABXR98 RS03060 WP 374695106.1  SDARLLLLVDNDFPAMLTNGLTPPPLLFVRGDSQCLHQPALSIVGSRHATPQAMRITRDFAAALAQKGVTIISGMASGAD   156
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                                      ***!!*!!*!*!!!*!!!*!!!*!!*!!*!!****!!*!***!!!!!!!!!!!!!!!**!!***!**!!****!!!!!!*!

logo
NTDB id 1018855 ABXR98 RS03060 WP 374695106.1  TAAHQGALQAMGTTVAVWGTGIDRVYPARNKNLATQIAAHGCIISEFPLATRPSPGNFPRRNRLIAALSQGTLVVEAATE   236
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                                      !!!!!!!!!*!*!*!*!!!!!!!!!*!!* !!!!!**!!**!*!*!!!!**!!!**!!!!!!!!!!!!!!!!!!!!!!!*!

logo
NTDB id 1018855 ABXR98 RS03060 WP 374695106.1  SGSLITARLAGEMGREVMAIPGSIDNPLSKGCHALIKQGAKLVENLEDILQECPRLLQKKDLQSYSNRPHLQTDDVSKSS   316
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                                      !!!!!!!*!!*!!!!!!!!*!!!!!!!*!!!!!*!!!*!!!!*!*!*!!!!*!!!*!!!*****!!!*** ***  *****

logo
NTDB id 1018855 ABXR98 RS03060 WP 374695106.1  TNTDSS.EDSLSVHSPDCILNPMEQQVLDGLGYGIMHPDMLVTALGMAATDVYAHLVTLELGGWITTLPGGCYQRIKS   393
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                                      !***    * ****!*     ** * *!!**!****!!!*!***!*!*!*!*!!*!**!!!*!*****!!!*!!!!**
```

X non conserved
X similar
X $\geq$50% conserved