```
logo
NTDB id 1120781 EL116 RS07965 WP 047425712.1  .MKILFQEIINKAIEMKASDVHFIPVHNEVSIKFRINDNLEQYEVIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRY..S   77
NTDB id 30 MW RS08005 WP 000697220.1          .MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRY..S   77
NTDB id 14 SA RS07775 WP 000697220.1          .MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRY..S   77
NTDB id 385 SMU RS09035 WP 002263435.1        MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYS   80
NTDB id 394 FSA28 RS09405 WP 002291652.1      MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCDYS   80
consensus                                      ***!***!!**!***!!*!***!!*********!!*****************!*****!*!**!******!*!**  !

logo
NTDB id 1120781 EL116 RS07965 WP 047425712.1  YHFNKIYFLRISTLPLSLGQESCVIRIVPQYFQQTKSTYKFNDFKHLM..NKKQGLLLFSGPTGSGKSTLMYQMVSYANK  155
NTDB id 30 MW RS08005 WP 000697220.1          YHFNKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLM..NKKQGLLLFSGPTGSGKSTLMYQMVSYANK  155
NTDB id 14 SA RS07775 WP 000697220.1          YHFNKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLM..NKKQGLLLFSGPTGSGKSTLMYQMVSYANK  155
NTDB id 385 SMU RS09035 WP 002263435.1        YDEGKVISLRLSSVGDYRGYESLVIRLLFSGR..HDLKFWFNSMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFE  158
NTDB id 394 FSA28 RS09405 WP 002291652.1      YDEGKVISLRLSSVGDYRGYESLVIRLLFSGR..HDLKFWFNSMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRFE  158
consensus                                     !***!***!!*!******!*!!*!!!********** *****!!******  *!**!!*!!!!!*!!!!**!!!!*!*****

logo
NTDB id 1120781 EL116 RS07965 WP 047425712.1  ALNLNVISIEDPVEMQIPGIVQINLNEKAGINYVNSFKAILRCDPDVILIGEIRDKEVAKCVIQASLSGHLVLTTLHATD  235
NTDB id 30 MW RS08005 WP 000697220.1          ALNLNVISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATD  235
NTDB id 14 SA RS07775 WP 000697220.1          ALNLNVISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATD  235
NTDB id 385 SMU RS09035 WP 002263435.1        ..TKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKS  236
NTDB id 394 FSA28 RS09405 WP 002291652.1      ..TKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKS  236
consensus                                     *****!!*!!!!!!*******!***!******!*!**!**!!**!!***!!!!!!!**!**!!*!!!!*!**!**!*!!**

logo
NTDB id 1120781 EL116 RS07965 WP 047425712.1  CKGAILRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLQYFFSHNHSLPTSFKKLETKLDDMTKAGVI  315
NTDB id 30 MW RS08005 WP 000697220.1          CKGAILRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVI  315
NTDB id 14 SA RS07775 WP 000697220.1          CKGAILRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVI  315
NTDB id 385 SMU RS09035 WP 002263435.1        IPGVYARMLELGTSSEELQNALRGIVYQRLIGGGGIID...............FAKGDYQNHSAKKWNKQIYDLFTAGYI  301
NTDB id 394 FSA28 RS09405 WP 002291652.1      IPGVYARMLELGTSSEELQNALCGIVYQRLIGGGGIID...............FAKGDYQNHSAKKWNKQIYDLFTAGYI  301
consensus                                     **!***!*!!*!*!**!!**!***!**!!!********************** **!********!*!*** ***!***!!*!

logo
NTDB id 1120781 EL116 RS07965 WP 047425712.1  CESTMDKYI...   324
NTDB id 30 MW RS08005 WP 000697220.1          CETTMDKYI...   324
NTDB id 14 SA RS07775 WP 000697220.1          CETTMDKYI...   324
NTDB id 385 SMU RS09035 WP 002263435.1        TEGEAQAEEIED   313
NTDB id 394 FSA28 RS09405 WP 002291652.1      TEGEAQAEEIED   313
consensus                                     *!*******
```

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