```
logo

NTDB id 176761 A4G25 RS01635 WP 047130994.1   MKRLLDTILTDAISKNVSDIHFIPIEKEVLIKFRIHDELINYDNIEILTYSKLLTFMKFQAGLDVSNYHQAQSGQTTFKH    80
NTDB id 30 MW RS08005 WP 000697220.1          MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHF    80
NTDB id 14 SA RS07775 WP 000697220.1          MKILFQEIINKAIEMKASDVHFIPVKNEVSIKFRINDNLEQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHF    80
consensus                                     !!*!***!***!!****!!*!!!!***!!*!!!!!*!*!**!**!****!*!!!**!!!!!!!!!!****!!!!******

logo

NTDB id 176761 A4G25 RS01635 WP 047130994.1   QKLFNLRISTLPLSLGIESCVIRLSPQYFYQDGNCDGPKHFYHLMNKKQGLILFTGPTGSGKSTMMYEMVSFALKNLHLN   160
NTDB id 30 MW RS08005 WP 000697220.1          NKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANKALNLN   160
NTDB id 14 SA RS07775 WP 000697220.1          NKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTYKFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANKALNLN   160
consensus                                     *!***!!!!!!!!!!!!*!!!!!!**!!*!*!*********!*!!!!!!!!!*!!*!!!!!!!!!*!!*!!!!*!*!*!*!!

logo

NTDB id 176761 A4G25 RS01635 WP 047130994.1   IITVEDPVEKRISGITQISVNEKAGIDYENSFKAILRCDPDIILIGEIRDAHIAKCVIQAALSGHLVLSTLHSNDCEGAL   240
NTDB id 30 MW RS08005 WP 000697220.1          VISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATDCKGAI   240
NTDB id 14 SA RS07775 WP 000697220.1          VISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATDCKGAI   240
consensus                                     *!**!!!!!**!*!!*!!*!!!*!!!!*!*!!!!!!!!!!!!!!*!!!!!!!!!***!!!!!!!*!!!!!!!!*!!!**!!*!!*

logo

NTDB id 176761 A4G25 RS01635 WP 047130994.1   LRLLEMGISPQEAQQSIALISNQRLVTNQHGSRELAYETMYQSDIQYFFKHDHTMPKHFMKLSKVLTQMSEEGVICEEVL   320
NTDB id 30 MW RS08005 WP 000697220.1          LRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVICETTM   320
NTDB id 14 SA RS07775 WP 000697220.1          LRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVICETTM   320
consensus                                     !!!!!!!!!!*!!**!***!!*!!!!!!*****!*!**!***!****!!!*!*!**!**!**!***!**!***!!!!!***

logo

NTDB id 176761 A4G25 RS01635 WP 047130994.1   KRYT   324
NTDB id 30 MW RS08005 WP 000697220.1          DKYI   324
NTDB id 14 SA RS07775 WP 000697220.1          DKYI   324
consensus                                     **!*
```

X non conserved

X similar

X ≥ 50% conserved