```
logo

NTDB id 1094222 L1F34 RS06680 WP 415364572.1  METLFKTIIKDAIILKATDIHFIPVKEDRVKVQLRISGENTIYDCNINNALYNRLLIYMKFIAHLDVSERNKAQSGQYIF   80
NTDB id 30 MW RS08005 WP 000697220.1          MKILFQEIINKAIEMKASDVHFIPVKNE.VSIKFRINDNLEQY.EQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSY   78
NTDB id 14 SA RS07775 WP 000697220.1          MKILFQEIINKAIEMKASDVHFIPVKNE.VSIKFRINDNLEQY.EQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSY   78
consensus                                     !**!!**!!**!!**!!*!*!!!!!!** !****!!******! **!*!**!**!!*!!!!*!*!!!!****!!!!*!**

logo

NTDB id 1094222 L1F34 RS06680 WP 415364572.1  DDIYKYYLRISTLPLSLGIESCSIRLTPKYFEEYIDHNIDDNYKMIKEEMFNSEGLFLFTGPTGSGKSTIMYQFLYDLQQ  160
NTDB id 30 MW RS08005 WP 000697220.1          HFNKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTY...KFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANK  155
NTDB id 14 SA RS07775 WP 000697220.1          HFNKIYFLRISTLPLSLGQESCVIRIVPQFFQQQKSTY...KFNDFKHLMNKKQGLLLFSGPTGSGKSTLMYQMVSYANK  155
consensus                                     *****!*!!!!!!!!!!!!*!!!*!!**!**!*******   *****!**!****!!*!!*!!!!!!!!!*!!!*******

logo

NTDB id 1094222 L1F34 RS06680 WP 415364572.1  IKDKHIITIEDPVEQVLDGVVQVSVNEKANINYHNSFKAILRCDPDVVMIGEIRDEETAKQVIQASLSGHLILSTMHAKD  240
NTDB id 30 MW RS08005 WP 000697220.1          ALNLNVISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATD  235
NTDB id 14 SA RS07775 WP 000697220.1          ALNLNVISIEDPVEMQIPGIVQINVNDKAGINYVNSFKAILRCDPDVILIGEIRDKDVAKCVIQASLSGHLVLTTLHATD  235
consensus                                     ******!*!!!!!!****!*!!**!!*!!*!!!!*!!!!!!!!!!!!!!**!!!!!!***!!*!!!!!!!!!!*!*!*!!*!

logo

NTDB id 1094222 L1F34 RS06680 WP 415364572.1  NLGAIYRLLELGISKEQIKQGIACIANQRLLNDQLGNRY........RQMTYIFSHEINLYLENKS..............  298
NTDB id 30 MW RS08005 WP 000697220.1          CKGAILRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVI  315
NTDB id 14 SA RS07775 WP 000697220.1          CKGAILRLLEMGISVQELIQATNLIINQRLVTTIKQQRQLVCEILSQQQLRYFFSHNHSLPSSFKNLEDKLDDMTKAGVI  315
consensus                                     **!!!*!!!!*!!!*****!****!*!!!!*******!**********!**!*!!!***!****!***************

logo

NTDB id 1094222 L1F34 RS06680 WP 415364572.1  .........  298
NTDB id 30 MW RS08005 WP 000697220.1          CETTMDKYI  324
NTDB id 14 SA RS07775 WP 000697220.1          CETTMDKYI  324
consensus                                     *********
```

X non conserved

X similar

X ≥ 50% conserved