```
logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  MENKKSSLFSQVKPYIKGFQFPLLVAFVGVILSSVITVYGPVKLKEITNLITEGMRSRIDLKAISNIALFLAVLYVVGAV   80
NTDB id 370 SMU RS04260 WP 002263294.1        MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLYFAGAL   80
consensus                                     !!!!! !! !!* !!*!!*  *  *! *  !*!! !!! !! *!!*!  *! !*  *!!!  !  !!! !!*!!  !!*

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  LNYMQSFIISSVVQHFSKRLRTAIAEKINKLPLRYFDSHSQGDTLSRVTNDVDTVGQSLNQSLGTVISSSLLLIAVLFMM  160
NTDB id 370 SMU RS04260 WP 002263294.1        VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIGSIFMM  160
consensus                                     * !  !!!*!***!*!! !!! !!!*!!!*!!*!!!!!!!!!!!!!!!!!!! * !! !!!! ***   *!!!* *!!!

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  FYNNVVLSFVTIGSVLIGFVFVALIMGKSQRFFRAQQENLASVNGYVEEMYSGHNVIVSYNATEESKKAFQMLNTKLYNS  240
NTDB id 370 SMU RS04260 WP 002263294.1        IKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLNDQLFAS  240
consensus                                       !  !    ! !!  !!!   *!!*!!!* !* !! !!! ! !!!!!*!!!!!!* !!!!   !!! !  !!  !* !

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  MWKSQFISGIMMPLMIFTGNFGYVMVVLVGASMALNGDVTMGTIVAFMVYVRTFSQPLSQIAQGITTLQQASAAMGRVFE  320
NTDB id 370 SMU RS04260 WP 002263294.1        MWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE  320
consensus                                     !!!!!! !!!!!!!! ! !!!!!!!!**!!!*!!*!!!*!!!!!!!! !!! !*!!* !!!!!!! !! ! !!!!!!!!

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  FLAELEMENDEHKSQQLATLKGDVTFDNVFFGYNPDRTIIHDFSAKAKAGQKIAIVGPTGAGKTTIVNLLMKFYEIEKGR  400
NTDB id 370 SMU RS04260 WP 002263294.1        FLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYEVDRGM  400
consensus                                     !! ! !*! * !!  !!  * ! ! !!!!!!!! !!*!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!***!

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  ITIDGVDTKQMKRSEVHDAFSMVLQDTWLFEGTIKENLIYNQKNISDEAVVAATKAVGVHHFIKTLPKGYDTVLDDTVSL  480
NTDB id 370 SMU RS04260 WP 002263294.1        ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLDDSVTL  480
consensus                                     !*!!!!  * ! ! !!!!!! !!!!!!!!!!!!*!!!!!!!!!*!*!! !*!! !!!!!!!!!!!!!!!!!!!!!!*!*!

logo
NTDB id 1141454 DQN42 RS07410 WP 003076199.1  SVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDKLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGN  560
NTDB id 370 SMU RS04260 WP 002263294.1        SVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGS  560
consensus                                     !!!!!!!!!!!!!!!!!!!!
```

```
logo                                          HNQLMEENGFYADLYNSQFDEEAEYA
                                              HDQLMAENGFYADLYNSQFTEEVA..

NTDB id 1141454 DQN42 RS07410 WP 003076199.1  HNQLMEENGFYADLYNSQFDEEAEYA   586
NTDB id 370 SMU RS04260 WP 002263294.1        HDQLMAENGFYADLYNSQFTEEVA..   584
consensus                                     ! !!! !!!!!!!!!!!!!! !!   **
```

X non conserved

X similar

X $\geq$ 50% conserved