```
logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  ..MVNTPPQRRALTVRRHDTPTQKALVESGYASSEQVREAMAESRKSGRSLVQVLQDVTGRAMPPDILRQYKKQQLFELK   78
NTDB id 1410 SGL RS13950 WP 010873519.1       MTSSSSSKKSRAVALRNYFSPFGNKLVAGGHVDAEQLRQALVQVKKTGRSLPEELKAVTGRELSPELLRQYKKNQLFELK   80
consensus                                     **   ***  !!* *! * *!   !!  !*   !!*! !*   *!*!!!!*  !  !!!! **!**!!!!!!*!!!!!!

logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  VIYGIDCLDPDLNRFPTDQIGQLIGTVLAIDICRTYQAIPISMNRESDPPYLLVAMVDPDNLEAVDNLGKALRGQGLTLR  158
NTDB id 1410 SGL RS13950 WP 010873519.1       VLYGVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQ.QEGDPPSVLVAMVDPDNLAAQDELNRILRVKGFELR  159
consensus                                     !*!!*!**!!** * *! !** !!!   **! !! *  *!*  * ! !!! *!!!!!!!!!! ! ! ! * !!  !  !!

logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  RMVITLEDYQHLITPFLEKQLQEESVKTGPAALGAIDLEED.LDAIGGLDDADGEQEVDLVD..ALKGAEDAPIIALVNK  235
NTDB id 1410 SGL RS13950 WP 010873519.1       RLVVTQDDFNQLLEQYYAIREEWEAAQEKRDQERALDKLNDLTDIVGSIDMNLGEDKEDVDNALDSNDANQAPVINLVNK  239
consensus                                     !*!*! *!***!* **        !     *    !*!   !* ! *! *!   !!   !*  **    !  !!*! !!!!

logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  VLAKALQDGVSDIHIEPQEEFLRIRFRKDGVLQQAFDPLPKKIIPAVVSRFKILADLDIAERRAPQDGRIRKIFQGRRID  315
NTDB id 1410 SGL RS13950 WP 010873519.1       ILAKALQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRSPQDGKIRRIYQGRKVD  319
consensus                                     *!!!!!!*! !!!!*!!!!! !!!!!!!!!!!*!!!!!!!*!! !!!! !!!!*!!*!!!!!! !!!!*!!*!*!!!**!

logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  FRVNTLPSRWGEKVVLRILDNSSTQLGLDKLISDPESLAIVRDMTKRPFGLILVTGPTGSGKTTTLYSALAECNSPGVNI  395
NTDB id 1410 SGL RS13950 WP 010873519.1       FRVNTLPSRYGEKVCLRILDNSATQLGLDFLITNPETLQTVRELAARPYGLMLVTGPTGSGKSTTLYSVLAERNSPEVNI  399
consensus                                     !!!!!!!!!*!!!!*!!!!!!! !!!!!! !!* !!*!  !!**  !!*!!*!!!!!!!!!!*!!!!! !!!*!!! !!!

logo
NTAEDPIEYALPGLTQVQVIREKNMNFSNILRAFMRQDPDVILVGETRDKETAKTAIEAALTGHLVLTTLHTNDAASAVA
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  STAEDPIEYTLPGLTQVQVIREKNMNFSEILRAFLRQDPDVILVGETRDKETAKTAIEAALTGHLVLTTLHTNDAASAVA  475
NTDB id 1410 SGL RS13950 WP 010873519.1       NTAEDPIEYALPGITQVQVIREKGMDFSNILRAFMRQDPDVILVGETRDKETAKTAIEAALTGHLVLTTLHTNDAAGAIA  479
consensus                                      !!!!!!!! !!!*!!!!!!!!! ! !! !!!!!*!!!!!!!!!!
```

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logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  SKCGGIGYKGRIGVYEILRVTERLQSLITEAAPTEQIKEAAVEEGMKTLLAYSLQLVQEGHTTFEEVERVTFTDTGLESE   635
NTDB id 1410 SGL RS13950 WP 010873519.1       QKCSGSGYKGRVGVYEVMRNSERIAELINQGATTDRIKDCAVEEGMITLLAYSLNLVQEGYTTLEEVERVTFTDTGLESE   638
consensus                                      !! ! !!!!!*!!!!**! *!!*  !!  *!*!* !!**!!!!!! !!!!!!!*!!!!!*!! !!!!!!!!!!!!!!!!
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logo
NTDB id 54687 SYN6312 RS02650 WP 015123319.1  LKAKRKSALTCRVCSAGLQQEWLDCPFCMTPRFES   670
NTDB id 1410 SGL RS13950 WP 010873519.1       MRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS.   672
consensus                                     **!!!!!!!!!! ! ! !!!!!!!!!*!!!*!! *
```

X non conserved

X similar

X $\geq$ 50% conserved