```
logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  MSDGKSGSAFGTTWKRIIVYLGKGRRILWASLILSFMSTILTLIGPGKLTEITDKISEGLGGAMDIDGIAGLVIVLVAIY   80
NTDB id 370 SMU RS04260 WP 002263294.1       MEN.KK....KSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLKEMTDTMTKGLAGKIDLDKIGEIALTLALLY   75
consensus                                    !  *! **** *    * *!!   * *    *! * *!* *!*!!! *! !*!! ** !!*! *!*! !* * * !  *!

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  TAGLVLSVIENYMVATLSQRTAGRLREDLSSKINRIPLSYFDSTSTGDTLSRVTNDADRVGESTDEGLGTFISEITLLIG  160
NTDB id 370 SMU RS04260 WP 002263294.1       FAGALVSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDTLSRVTNDVDLMTQSFNQSLVSMVAAIILLIG  155
consensus                                     !! **!    **! !! !*   !!!  *  !!!**!! !!!!*! !!!!!!!!!! ! *  !    ! * *  ! !!!!

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  ALVMMVYTNITMAMAAILPTVAGMLMMLLIMRKSQKYFQNQQRNLGDMNGLVEETYSGHTVIKAYNAEGRFGKRFVTVNE  240
NTDB id 370 SMU RS04260 WP 002263294.1       SIFMMIKTNGALAATAILSVFAGFVLSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNVVSSYNAIQQSKKQFENLND  235
consensus                                     * !!* !!  *!  !!!*  !! **  *!! !!!* !  !! !!*!* ! !!! !!!! !*  !!!    ! !  *!*

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  DLCRSAFASQFLSGMMMPLMSFIGNFGYVMVCIVGALLALDGQISIGVIVAFMIYVRLFTQPLSGMAQAFTSMQTAAAAG  320
NTDB id 370 SMU RS04260 WP 002263294.1       QLFASMWKSQFFSGIMMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAM  315
consensus                                     !* ! * !!! !!*!!!!! !!!!!!!!!!!!!!! *!* ! !**! !!!!! !!!*!!!!*  *!!* ! *!*! !!

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  ERVFEFLDLPEMVKDETEPFDSSKVKGEVEFRDVHFGYVPGKEIIHGFSLKVKPGQKVAIVGPTGAGKTTMVNLLMRFYE  400
NTDB id 370 SMU RS04260 WP 002263294.1       GRVFEFLDEEEIEDENHKVKQLEKVEGNVNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIVNLLMRFYE  395
consensus                                     !!!!!!! *!*  * * *    !! ! ! !  !*!!! ! ! !!! !! * !*!!!*!!!!!!!!!!!!*!!!!!!!!

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  VNSGDILIDGRSIKDMSREEVHDCFSMVLQDTWLFAGTVRENVVYSKEGVTDEELTDACEAVGLHHYVETLPDKYDTVLD  480
NTDB id 370 SMU RS04260 WP 002263294.1       VDRGMISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTVKENLIYNQKHITDEQVIAAAKAVGVHHFIKTLPKGYDTVLD  475
consensus                                    !  ! ! !!!  !*!!*! !!!!*! !!!!!!!!! !!!*!!**!   **!!! *  !* !!!*!!** !!!  !!!!!!

logo
NTDB id 201787 BKD89 RS04990 WP 015504897.1  DVSSISVGQRQQITIARAIVQNAPLLILDEATSSIDTRTERKIQEAMDRMMENRTSFVIAHRLSTIRNADVILMMKDGNV  560
NTDB id 370 SMU RS04260 WP 002263294.1       DSVTLSVGQKQLLTIARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMEGRTSFVIAHRLSTIRNADLILVMRDGNI  555
consensus                                    !  **!!!!*! *!!!!!** !!!!!!!!!!!!*!!!!! !! !!!**!! !!!!!!!!!!!!!!!!!!*!!*!*!!!*
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logo                                                  IEQGSHEELMRAGGAYCELYNSQFDN...   586
NTDB id 201787 BKD89 RS04990 WP 015504897.1           IEQGSHDQLMAENGFYADLYNSQFTEEVA   584
NTDB id 370 SMU RS04260 WP 002263294.1                !!!!!!* !!   ! !**!!!!!!  ***
consensus
```

X non conserved

X similar

X $\geq$ 50% conserved