```
logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  MLKLLRNLRRQEWAMAAVCAVLILGQIYFDLALPDYMSSLTVLIKTPGSTLSDILHTGLEMLGCTLASAVLCVICGYLTAKVAAG   85
NTDB id 369 SMU RS04255 WP 002263293.1      MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLMFSFGSFFMAVLVGFLASRTAAS   85
consensus                                   ! !* * !   !!*!  **   !*  ** !!  !*!!! *! !* !*!*! !!!***!  !! ** *!  **!**!*!  * !!

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  FSFSIREAVFHKIADFGQQEMMTFSVPSLINRTTNDITQVQMLTAMGLQILIKSPVMAVWAIIKIVGKSWTLSAITAGFVAALLV  170
NTDB id 369 SMU RS04255 WP 002263293.1      FTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSDEWTGAVGVAVLIVFI  170
consensus                                   !*  *!  *!*** !*   !*  !!*!!!* !!!!!*!!*!**  !!*!** * !*!!!!!* !! !!!   **  *  !  * *

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  MMAVIIGVVVPRFRRVQKLTDHINLVARENLNGINVVHAYNAEDYQNAKFWKGNEELMRTQLFNQRAFAFLMPGVTLAMNALSLV  255
NTDB id 369 SMU RS04255 WP 002263293.1      MLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVYRLMSLMNPVMTVVSSGLTLA  255
consensus                                   !* !** !  !! ! !! !!!**!   !! ! !* !!*!!!!!!!  !! * !  ! * *!   !    * ! *!*   *!*!

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  IYWVGASIVNAVPA.........ADTAARLAAFSDIVVFGTYATYVIMSIMMMVMIIMMLPAAQVSAQRINEVLETRNSLT..QG  329
NTDB id 369 SMU RS04255 WP 002263293.1      IYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIILPRALVSAKRINEVLALNSSVHFKEY  340
consensus                                   !!!*!! **! ** **********  ! !*  !!!*!!! *!!  !**  !!!! ! **!! ! !!! !!!!!!    !****

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  ARIDALETGTVEFRDVSFHYPSSDKNVLEHITFQAKRGETVAFIGATGSGKTTLVSLAARFYDATEGTVLVDGVDVRDYTFDALY  414
NTDB id 369 SMU RS04255 WP 002263293.1      SKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAGETVAFIGSTGSGKSTLVNLIPRFYDATEGWIKIDGIKVQDYSHDDLN  425
consensus                                    * !    ! !!!*!!!!*!*   * !*!!**! !! !!!!!!!! !!!!!*!!! ! *!!!!!!!! * *!!* ! !!**! !

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  DRIGYVTQKAILFSGDVRGNVLFGASRGKD.SDADVQKALELAQASEFVDRMPGGIHAPIAEGGTNVSGGQKQRLSIARALARRP  498
NTDB id 369 SMU RS04255 WP 002263293.1      NKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEKEKGLDTEVAQGGTNFSGGQKQRLAIARALARKP  510
consensus                                    **!!**!*!*!!!! *! !* !! !   ** !! *  !!!!!!!  !!*  * !** **! !!!! !!!!!!!! !!!!!!!*!

logo
NTDB id 69868 DN611 RS11105 WP 119311355.1  EILVFDDSFSALDYRTDTRLRAGLDRELKDTTRLIVAQRIGTIRNADKIIVLDEGRMVGMGTHEELMQTCPIYQEIARSQLSQEE  583
NTDB id 369 SMU RS04255 WP 002263293.1      EILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEE  595
consensus                                   !!!*!!!!!!!!!!*!!  !!  ! *  !* !*!!!!!!! !!  !!*!*!!! !**!! !!! !!*  **!!!!!! !!!! !!
```

```
logo

NTDB id 69868 DN611 RS11105 WP 119311355.1    LGA..    586
NTDB id 369 SMU RS04255 WP 002263293.1        LENGK    600
consensus                                     !   **
```

X non conserved
X similar
X ≥ 50% conserved