```
logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  MVTILKYLKPKEWALIGISILFIVTQVWLDLELPGYMSEITRLVQIPGSEMSEIIAAGGWMLLCALGSLATSIIVAGIAA   80
NTDB id 369 SMU RS04255 WP 002263293.1       MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLMFSFGSFFMAVLVGFLAS   80
consensus                                    !  ! ! ! *!!!*** *!  !!*  !!*!!  ! !!! !! !*! *!*  !*!* *!  !!**  !!    **!* *!

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  KIAANFSSRLRSKLFDKVQSFSMEEINNFSTASLITRSTNDITQVQMLIVIGLQLLVKAPILAVWAMLKITGKSWQWSLA  160
NTDB id 369 SMU RS04255 WP 002263293.1       RTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSDEWTGA  160
consensus                                    * !! !**!!!! *! *!  *!  !!  !! *!!*!!*!!!*!!*!**!!*!*!** **!!*!!!!* !! !!!  !* !

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  TGVAIGVLILIVGIVIVLVLPKFQKLQQLTDNLNRVARENLTGLRVIRAYNAESYQEDKFSVANSELTRTNLFANNVLSM  240
NTDB id 369 SMU RS04255 WP 002263293.1       VGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVYRLMSL  240
consensus                                     !!!* ** *** *** *  !*   *! !!! !!   !! !!!*!!*!!!!!! !!* !!   !  !!* !!    **!*

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  MMPSISLIMSGLSLAIYWIGAILIQNAN...........GTAKMGLFSDMIVFSSYAMQVVMAFMMLIMIFILMPRAHV  308
NTDB id 369 SMU RS04255 WP 002263293.1       MNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMTSVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIILPRALV  320
consensus                                    ! ! **** !!!*!!!!!!!! !**   ***********   ** *!!!!*!!!!!!!!!!**!!!** !!!**!!!*!

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  SAKRINEVLDTKPSLENGSLTTSKTNRLGEVEFKKVSFKYPDAEEYVIEDISFTVKKGETVAFIGSTGCGKSTVVNLIPR  388
NTDB id 369 SMU RS04255 WP 002263293.1       SAKRINEVLALNSSVHFKEYSKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAGETVAFIGSTGSGKSTLVNLIPR  400
consensus                                    !!!!!!!!!   *!**    *      ! !!!!!* !!!*!*     !!!**!!* ! !!!!!!!!!!!*!!!!*!!!!!!

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  FYDATAGEVLVDGINVNQYEQTALRNKMGYVSQKAILFGGTVSSNVAFGDNGSDLS..SDVVDAIYTSQASDFVEKMEGS  466
NTDB id 369 SMU RS04255 WP 002263293.1       FYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVEEKEKG  480
consensus                                    !!!!! ! * *!!! !* ! *  ! !!*!!**!*!*!! !!* !!*!!!     * **  * *!*   !!  !!!  !

logo
NTDB id 966880 NST45 RS11845 WP 036677198.1  YEAHVSQGGTNLSGGQKQRLSIARAIARCPEILIFDDSFSALDYKTDRKLRSELKKKSSGTTILIVAQRIGTIKDADKIL  546
NTDB id 369 SMU RS04255 WP 002263293.1       LDTEVAQGGTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMDADHIL  560
consensus                                     * *! !!!!! !!!!!!!! !!!!*!!*!!!!!!!!!!!!!!!!!!!! !! *! !!*   ! !!!!!!! !! !!!*!*
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logo
                                                  VLEAGRMAGMGTHDELMQTCDVYQEIAYSQLSKEELA...   583
NTDB id 966880 NST45 RS11845 WP 036677198.1       VLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
NTDB id 369 SMU RS04255 WP 002263293.1
consensus                                         !!* !** ! !!! !!*  *!*!!!!!!!!!!!!!!! ***
```

X non conserved

X similar

X $\geq$ 50% conserved