```
logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  MFNIFKRLNGKEWLMIVASTILVCLAVWMDLKTPEYMSDITRMLQTKGTKLEALWDPGLKMLAFSFGSFLVAVMVGFLGA   80
NTDB id 369 SMU RS04255 WP 002263293.1       MFKIFKRLNAKEWGMVLLSTAFICLAVWMDLKTPEYMSNITTLLQTKGTTASDIMDPGSKMLMFSFGSFFMAVLVGFLAS   80
consensus                                    !! !!!!!!*!!! !** !!  *!!!!!!!!!!!!!!! !! *!!!!!!    * !!! !!! !!!!!! *!!*!!!!*

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  RTAASFTSRLRSDIFNHVMDYSDAEIKRFSIPSLLTRTTNDLTQLQILIVMGMQVVTRGPIMAIWALTKIGGKSDQWTGA  160
NTDB id 369 SMU RS04255 WP 002263293.1       RTAASFTTRLRSDIFNRVMDYSEAEIKKFSIPSLLTRTTNDLTQLQIMIVMGMQVVTRGPIMAVWALTKIWGKSDEWTGA  160
consensus                                    !!!!!!!*!!!!!!!!*!!!!!*!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!*!!!!!! !!!! !!!!

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  VGVAVIIVMILLSVLLLLAFPRQRQIQGFTDALNATTREALSGVRVIRAYNAEKYQTDKFKRENDDLTKLNLFVYRLMSL  240
NTDB id 369 SMU RS04255 WP 002263293.1       VGVAVLIVFIMLSVLMFVAFPRQRQVQSLTDALNSTTRESLTGVRVVRAYNAEDYQDTKFKRENKNLTKLNLLVYRLMSL  240
consensus                                    !!!!!*!! !*!!!!* *!!!!!!!*!  !!!!! !!!! !*!!!!*!!!!!! !!  !!!!!!  !!!!!! !!!!!!!

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  MNPVMTVVSSGLTLAIYWIGSYLINDISVPKVTGTSVSVLAAKSAITDRVDLFSNMVVFSSYAMQVVMGFMMMVAIFIIM  320
NTDB id 369 SMU RS04255 WP 002263293.1       MNPVMTVVSSGLTLAIYWIGAYLLNDIKIPMT.....SVTAAKGAIADRISVFSDMVVFSSYAMQVVVGFMMMVAIFIIL  315
consensus                                    !!!!!!!!!!!!!!!!!!!! !!*!!! *!  *****!! !!! !! !!* *!! !!!!!!!!!!!!*!!!!!!!!!!!*

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  PRALVSARRINEVLTLAPTVTFKENSHIQSAPKGQIEFQDVSFHYSKDSEAVIEHVSFKADTGQTVAFIGSTGSGKSTLV  400
NTDB id 369 SMU RS04255 WP 002263293.1       PRALVSAKRINEVLALNSSVHFKEYSKADNARKGEVEFHDVSFRYSKNSRAVIEHVSFSAKAGETVAFIGSTGSGKSTLV  395
consensus                                    !!!!!!!*!!!!!! ! **!*!!! !*   !*!! *!!*!!!!*!!! ! !!!!!!!! !  ! !!!!!!!!!!!!!!!!

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  NLVPRFYDATEGSIKLDGIDIKEYSHNDLNNKIGYIPQKAVLFSGTVRSNMIFGESGREELSDEQIWQALELAQAKEFIE  480
NTDB id 369 SMU RS04255 WP 002263293.1       NLIPRFYDATEGWIKIDGIKVQDYSHDDLNNKVGYIPQRAVLFSGTIRSNIAFGQSDQAPLDDAKIWEALELAQAKNFVE  475
consensus                                    !!*!!!!!!!!! !!*!!! * *!!! !!!!!*!!!!!!*!!!!!!!*!!!* !! !   *! !  !! !!!!!!!! !*!

logo
NTDB id 154608 AMM49 RS06685 WP 000481812.1  AKEKGLDTEVAQGGSNFSGGQKQRLAIARALARHPEILIFDDSFSALDYKTDHILRHVLKEKTAAMTKLIVAQRISTIMD  560
NTDB id 369 SMU RS04255 WP 002263293.1       EKEKGLDTEVAQGGTNFSGGQKQRLAIARALARKPEILIFDDSFSALDYKTDRILRNDLAKKTKEMTKLIVAQRISTIMD  555
consensus                                     !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!* !  !!  !!!!!!!!!!!!!!!
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logo
                                                  ADLILVLDQGKVVGQGTHKELLSNNEVYQEIAYSQLSKEELENEN
NTDB id 154608 AMM49 RS06685 WP 000481812.1  ADLILVLDQGKVVGQGTHKELLSNNEVYQEIAYSQLSKEELENEN   605
NTDB id 369 SMU RS04255 WP 002263293.1       ADHILVLDQGKVVGQGTHKELLANNDIYQEIAYSQLSKEELENGK   600
consensus                                    !!*!!!!!!!!!!!!!!!!!!!! !!**!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved