```
logo

NTDB id 1104690 ACN2AT RS13000 WP 004398514.1  ...........MNWLNQHKKAIILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEANNDE   57
NTDB id 105 BSU 25590 NP 390437.1              ...........MNWLNQHKKAIILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEANNDE   57
NTDB id 36 MW RS08230 WP 001793467.1           MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSK   80
NTDB id 20 SA RS08005 WP 001802022.1           MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVKDGDNSK   80
consensus                                      ***********  *! !*!  !! !    *     !!    *****! !*** **!!  * * **  *  !   ** !

logo

NTDB id 1104690 ACN2AT RS13000 WP 004398514.1  SNETIVIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSD  137
NTDB id 105 BSU 25590 NP 390437.1              SNETIVIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSD  137
NTDB id 36 MW RS08230 WP 001793467.1           NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGVNSVHVK  159
NTDB id 20 SA RS08005 WP 001802022.1           NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQ.LLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIEVNSVHVK  159
consensus                                         ** *!*!!!! !! !! ! * !!!   **!! *  * !!  **!! ! ! !  ***!!*!!     *! *  !!*

logo

NTDB id 1104690 ACN2AT RS13000 WP 004398514.1  GG..KGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK  205
NTDB id 105 BSU 25590 NP 390437.1              GG..KGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK  205
NTDB id 36 MW RS08230 WP 001793467.1           NGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.  228
NTDB id 20 SA RS08005 WP 001802022.1           NGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.  228
consensus                                       !**    !!*!!!** !!  **!!!* !! !!* !!  *! !! !*!* !! ! ! !*!*!*!!  !**
```

X non conserved

X similar

X $\geq$ 50% conserved