logo

```
NTDB id 65485 QUE82 RS13275 WP 014480312.1  ...........MNWLNQHKKAIILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEANNDESNETI   62
NTDB id 105 BSU 25590 NP 390437.1           ...........MNWLNQHKKAIILAASAAVFTAIMIFLATG....KNKE....PVKQAVPT....ETENTVVKQEANNDESNETI   62
NTDB id 36 MW RS08230 WP 001793467.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSKNKGPV   85
NTDB id 20 SA RS08005 WP 001802022.1        MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVKDGDNSKNKGPV   85
consensus                                   ***********  *! !*!  !! !    *     !!    *****! !*** **!!  * * **  *  !   ** !     **
```

logo

```
NTDB id 65485 QUE82 RS13275 WP 014480312.1  VIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEEIAVQQGGGGSVQSDGG..KGALVN   145
NTDB id 105 BSU 25590 NP 390437.1           VIDIKGAVQHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGGGGSVQSDGG..KGALVN   145
NTDB id 36 MW RS08230 WP 001793467.1        YVDVKGAVKHPNVYKMTSKDRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGVNSVHVKNGNTNNTKVN   169
NTDB id 20 SA RS08005 WP 001802022.1        YVDVKGAVKHPNVYKMTSKDRVVDLLDKAQ.LLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIEVNSVHVKNGNTNNTKVN   169
consensus                                    *!*!!!! !! !! ! * !!!   **!! *  * !!  **!! ! ! !  ***!!*!!  *  *! *  !!*   !**    !!
```

logo

```
NTDB id 65485 QUE82 RS13275 WP 014480312.1  INTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
NTDB id 105 BSU 25590 NP 390437.1           INTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSITVK   205
NTDB id 36 MW RS08230 WP 001793467.1        LNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
NTDB id 20 SA RS08005 WP 001802022.1        LNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.   228
consensus                                   *!!!** !!  **!!!* !! !!* !!  *! !! !*!* !! ! ! !*!*!*!!  !**
```

X non conserved

X similar

X ≥ 50% conserved