```
logo

NTDB id 1358 HI 0366 AAC22024.1                ..MKTISKQLSAVIFPFIFSACVSQSA....SSLNHQTAAKARVELALSYLQQNNPQLAKINLDKALQHDKNYYLVHSAL   74
NTDB id 200203 BG580 RS02715 WP 006251773.1    .MFAKFFPKMTACILIFLLAACSSLPPSSSEVEFNRSEAVKARINLALAYLEQNDFPKAKQNIDKALAHDEKDYLPYSVL   79
NTDB id 1386 A4U84 RS02735 WP 005710402.1      MTFAKFFRNLTACSVALWLVACANQ...TTQVDFNRSEAVKARINLALAYLEQSDFPKAKENIDKALEHDVKDYLPHSVL   77
consensus                                        **********!*** *** !! **    ** ***!***!*!!!**!!!*!!*!*****!! !*!!!! !! **!!**!*!

logo

NTDB id 1358 HI 0366 AAC22024.1                AHYYQQQGQIENAFREYEIAVNLN.......HKQGDVHNNFGTFLCSQKKFEQAQQQFELALNS.PNYYHQADTFENIVL   146
NTDB id 200203 BG580 RS02715 WP 006251773.1    AYYYQQTGDAENAEKAYQTALKLS.......QNRPDVLNNYGTFLCKQGQFQQAYQQFEQAVKSKAPYYHQADSLENMVL   152
NTDB id 1386 A4U84 RS02735 WP 005710402.1      AYYYQQTGDNQKAEEAYQQALKLSKTQSKNNQVRPDVLNNYGTFLCKQKLFDKAYQQFETALTSQEAYYNQADTLENIAL   157
consensus                                      !*!!!!*!* **!***!* !**!*       * **!!*!!*!!!!!*!* !**!*!!!! !* !    !!*!!!**!!**!

logo

NTDB id 1358 HI 0366 AAC22024.1                CAYSAQKMDIYQQTLEKLRQIDGKRAEKFNSLK...   179
NTDB id 200203 BG580 RS02715 WP 006251773.1    CAKKEPNLQKIAETLTELEKLDKPRANLLKEN....   184
NTDB id 1386 A4U84 RS02735 WP 005710402.1      CANMKKDIEKQKTALSQLEKIDKSRAERLYNFMEIR   193
consensus                                      !!      ***   *!* !***!* !!***
```

X non conserved

X similar

X $\geq$ 50% conserved