```
logo

NTDB id 1167973 ACFCTL RS04550 WP 027220896.1   ................................................................................   0
NTDB id 1272 LPP RS04360 WP 010946546.1         ................................................................................   0
NTDB id 1249 GC085 RS04230 WP 010946546.1       ................................................................................   0
NTDB id 20 SA RS08005 WP 001802022.1            MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVKDGDNSK  80
NTDB id 36 MW RS08230 WP 001793467.1            MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSK  80
consensus
```

```
logo

NTDB id 1167973 ACFCTL RS04550 WP 027220896.1   ......................MKARLI......................AILLSIIVIPFSSQAENEPQKTPAKQVLV.   35
NTDB id 1272 LPP RS04360 WP 010946546.1         ......................MKARLI......................AILLSFIVIPFSSQAENEPQKTPAKQVLV.   35
NTDB id 1249 GC085 RS04230 WP 010946546.1       ......................MKARLI......................AILLSFIVIPFSSQAENEPQKTPAKQVLV.   35
NTDB id 20 SA RS08005 WP 001802022.1            NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQLLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIEVNSVHVKN  160
NTDB id 36 MW RS08230 WP 001793467.1            NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQLLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIGVNSVHVKN  160
consensus                                                             *!*!**                      ******!*!!***!***!!!*********
```

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logo

NTDB id 1167973 ACFCTL RS04550 WP 027220896.1   ....KGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN  105
NTDB id 1272 LPP RS04360 WP 010946546.1         ....KGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN  105
NTDB id 1249 GC085 RS04230 WP 010946546.1       ....KGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN  105
NTDB id 20 SA RS08005 WP 001802022.1            GNTNNTKVNLNTASVSE.LMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLK....SYFTI.  228
NTDB id 36 MW RS08230 WP 001793467.1            GNTNNTKVNLNTASVSE.LMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLK....SYFTI.  228
consensus                                           **!*!!!!!*!*****!**!*!***!*!!**!!*****!*****!**!!!*!****!!********!*!*
```

X non conserved

X similar

X $\geq 50\%$ conserved