logo

```
NTDB id 20 SA RS08005 WP 001802022.1       MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVKDGDNSKNKGPV   85
NTDB id 36 MW RS08230 WP 001793467.1       MVLLYQFLLRYKDFLTQWKLYIISAVVLIMVLIGFIFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVKDGDNSKNKGPV   85
NTDB id 21087 LPG RS04005 WP 010946546.1   .....................................................................................    0
NTDB id 1272 LPP RS04360 WP 010946546.1    .....................................................................................    0
NTDB id 1249 GC085 RS04230 WP 010946546.1  .....................................................................................    0
NTDB id 1362 HI 1008 AAC22669.1            .....................................................................................    0
consensus
```

logo

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NTDB id 20 SA RS08005 WP 001802022.1       YVDVKGAVKHPNVYKMTSKDRVVDLLDKAQLLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIE.......VNSVHVKNGNT  163
NTDB id 36 MW RS08230 WP 001793467.1       YVDVKGAVKHPNVYKMTSKDRVVDLLDKAQLLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIG.......VNSVHVKNGNT  163
NTDB id 21087 LPG RS04005 WP 010946546.1   .................MKARLIAIL.....LS.................FIVIPFSSQAENE............PQKTPAKQVL   34
NTDB id 1272 LPP RS04360 WP 010946546.1    .................MKARLIAIL.....LS.................FIVIPFSSQAENE............PQKTPAKQVL   34
NTDB id 1249 GC085 RS04230 WP 010946546.1  .................MKARLIAIL.....LS.................FIVIPFSSQAENE............PQKTPAKQVL   34
NTDB id 1362 HI 1008 AAC22669.1            .................MKTLFTSVV.....LC.................GALVVSSSFAEEKATXQTAQSVVTTQAEAQVAPAV   46
consensus                                                   *! *** **     !                  **** ***** *                     *
```

logo

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NTDB id 20 SA RS08005 WP 001802022.1       NNTKVNLNTASVSEL.MSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.....   228
NTDB id 36 MW RS08230 WP 001793467.1       NNTKVNLNTASVSEL.MSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGFGSKTFDKLKSYFTI.....   228
NTDB id 21087 LPG RS04005 WP 010946546.1   VKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1272 LPP RS04360 WP 010946546.1    VKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1249 GC085 RS04230 WP 010946546.1  VKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1362 HI 1008 AAC22669.1            VSDKLNINTATASEIQKSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.....   112
consensus                                  *  !*!*!!! *  *  !  !*! **!*!!* !!*** *!  ***! *!*!*! * **!*****
```

X non conserved
X similar
X $\geq$ 50% conserved