logo



```
NTDB id 1272 LPP RS04360 WP 010946546.1      ..MKARLIAILLSFIVIPFS......S.....................QAENEPQKTPAKQVLVKGKINLNTADVYSLT   50
NTDB id 1249 GCO85 RS04230 WP 010946546.1    ..MKARLIAILLSFIVIPFS......S.....................QAENEPQKTPAKQVLVKGKINLNTADVYSLT   50
NTDB id 1014 ACIAD RS13855 WP 004924483.1    MSIRHFFTFFWATLL.TLFSMQIVFAQGFDQQYDAWKTQQKAHDTRLNSSASHHSLSKPTQQSGTGVKVNINSATAKEL.   78
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   MQIKTKIVTLFLSLCLPTLP.LLANAEETAP.......AAQVE.....................EGIVITVNINTASAEELA   53
NTDB id 1150 A1552VC RS08580 WP 001166105.1  MQIKTKIVTLFLSLCLPTLP.LLANAEETAP.......AAQVE.....................EGIVITVNINTASAEELA   53
NTDB id 1294 VP RS04495 WP 021449594.1       .......MKWILTLCLVVFA.PLSLAAD..T.......KADKY.....................EGIEITVNINTASAEEIA   44
NTDB id 366762 FGM04 RS09845 WP 111900685.1  MLMKKLSAV.MLLACLPLFS.QPVLAVDKAA.......PKQT.................TTTAVAKESGKLNINTATLAEL.   55
NTDB id 1382 A4U84 RS07375 WP 062924234.1    ..MKKLSRYTFSLLFG.LFS.ATTFAEEKVT.......TSTEH......TPVVMQQ.VAATQKVNANVVNINTATASEIQ   62
NTDB id 1362 HI 1008 AAC22669.1              ..MKTL..FTSVVLCGALVV.SSSFAEEKAT.......XQTAQ......SVVTTQAEAQVAPAVVSDKLNINTATASEIQ   62
consensus                                      **    *    ***** ***      * *                                 *   **!*!*!*!**  **
```

logo



```
NTDB id 1272 LPP RS04360 WP 010946546.1      GSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1249 GCO85 RS04230 WP 010946546.1    GSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1014 ACIAD RS13855 WP 004924483.1    QQLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI.....   128
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   TLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  TLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....   103
NTDB id 1294 VP RS04495 WP 021449594.1       TMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.....    94
NTDB id 366762 FGM04 RS09845 WP 111900685.1  TSLKGIGDKKAQAIVDYREKQGKFTSVDQLADVNGIGPATLEANRDMIIVK....   106
NTDB id 1382 A4U84 RS07375 WP 062924234.1    DKLVGIGAKKAQAIVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE....   113
NTDB id 1362 HI 1008 AAC22669.1              KSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.....   112
consensus                                      **!*!  !*!**!**!!*  * ! *****! *!*!!! *****!******
```

X non conserved

X similar

X ≥ 50% conserved