```
logo

NTDB id 62135 N755 RS06730 WP 011049930.1   MKKLIILSLLSTLAFADYTQYKPSEDFAKYFTKQNCSQVLDKFYYINCYDYSLKGTKAVAYRLEADNLKGEQIKKRPRFEDDTNI   85
NTDB id 1225 CJE RS07175 WP 011049930.1     MKKLIILSLLSTLAFADYTQYKPSEDFAKYFTKQNCSQVLDKFYYINCYDYSLKGTKAVAYRLEADNLKGEQIKKRPRFEDDTNI   85
NTDB id 1224 CJE RS02830 WP 011049704.1     MKKLILLPLLSTLAFADYTQYKPSEEFAKYFTKQSCSQVLDKFYYLNCYDYNLKGTKAVAYKLEVDNLKGEQIKKRPRFEDDTNI   85
consensus                                   !!!!!*!*!!!!!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!!!!*!!!!!*!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!
```

```
logo

NTDB id 62135 N755 RS06730 WP 011049930.1   PKKYRTTWSDYKNSGYDRGHTLSNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVALKLGSLEVLNLVNYDNNPQ   170
NTDB id 1225 CJE RS07175 WP 011049930.1     PKKYRTTWSDYKNSGYDRGHTLSNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVALKLGSLEVLNLVNYDNNPQ   170
NTDB id 1224 CJE RS02830 WP 011049704.1     PKKYRTTWSDYKNSGYDRGHTLSNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVASKLGSLEVLNLVNYDNNPQ   170
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
logo

NTDB id 62135 N755 RS06730 WP 011049930.1   RIKNNIAIPSSYTKILKGDNFKECYQVPNHDVENENLRIYKVKCDNF   217
NTDB id 1225 CJE RS07175 WP 011049930.1     RIKNNIAIPSSYTKILKGDNFKECYQVPNHDVENENLRIYKVKCDNF   217
NTDB id 1224 CJE RS02830 WP 011049704.1     RIRNQIAIPSSYIKILKGENFKECYQVPNHEVEDENIRKYKIDCDKI   217
consensus                                   !!*!*!!!!!!!!*!!!!!!*!!!!!!!!!!!!!*!!*!!*!*!!**!!**
```

X non conserved
X similar
X ≥ 50% conserved