```
logo
NTDB id 1225 CJE RS07175 WP 011049930.1      MKKLIILSLLSTLAFADYTQYKPSEDFAKYFTKQNCSQVLDKFYYINCYDYSLKGTKAVAYRLEADNLKGEQIKKRPRFEDDTNI   85
NTDB id 138751 RC29 RS02655 WP 059111151.1   MKKLILLPLLSTLAFADYTQYKPSEDFAKYFTKQNCSQVLDKFYYLNCYDYNYKGTKAVAYKLEAENLKGEQIKKRPRFEDDTNI   85
NTDB id 1224 CJE RS02830 WP 011049704.1      MKKLILLPLLSTLAFADYTQYKPSEEFAKYFTKQSCSQVLDKFYYLNCYDYNLKGTKAVAYKLEVDNLKGEQIKKRPRFEDDTNI   85
consensus                                    !!!!!*!*!!!!!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!!!!*!!!!!**!!!!!!!!*!!**!!!!!!!!!!!!!!!!!!!
```

```
logo
NTDB id 1225 CJE RS07175 WP 011049930.1      PKKYRTTWSDYKNSGYDRGHTLSNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVALKLGSLEVLNLVNYDNNPQ   170
NTDB id 138751 RC29 RS02655 WP 059111151.1   PKKYRTTWSDYKNSGYDRGHTISNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVALKLGSLEVLNLVNYDSNPQ   170
NTDB id 1224 CJE RS02830 WP 011049704.1      PKKYRTTWSDYKNSGYDRGHTLSNASMRKTTQAQRSTFLMSNITPQNPQINQRVWNKIEKRERQVASKLGSLEVLNLVNYDNNPQ   170
consensus                                    !!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
logo
NTDB id 1225 CJE RS07175 WP 011049930.1      RIKNNIAIPSSYTKILKGDNFKECYQVPNHDVENENLRIYKVKCDNF   217
NTDB id 138751 RC29 RS02655 WP 059111151.1   RIKNQIAIPNSYTKILKGDNFKECYQVPNHEVEDENIKKYKVNCDKI   217
NTDB id 1224 CJE RS02830 WP 011049704.1      RIRNQIAIPSSYIKILKGENFKECYQVPNHEVEDENIRKYKIDCDKI   217
consensus                                    !!*!*!!!!*!!*!!!!!*!!!!!!!!!!!!*!!*!!***!!*  !!**
```

X non conserved

X similar

X $\geq$ 50% conserved