

```
NTDB id 374 SMU RS06885 WP 002262930.1       ......MKKILIVDDEKPISDIIKFNLAKEGYDTITAFDGREALSKYEEENPDLIILDLMLPELDGLEVAKEVRKN...S   71
NTDB id 155279 A6681 RS02100 WP 003084583.1  MEQQSDGLKVMVIDDSKTIRRTAETLLKKVGCDVITAIDGFDALAKIADTHPNIIFVDIMMPRLDGYQTCALIKNNSAFK   80
NTDB id 1047 HON27 RS03110 WP 000389061.1    MEDAFQNLKVMVIDDSKTIRRTAETLLQREGCEVITAVDGFEALSKIAEANPDIVFVDIMMPRLDGYQTCALIKNSQNYQ   80
consensus                                    **      *!****!!*!*!********!  **!***!!!*!!**!!*!*** *!******!*!*!*!!!**********  *
```



```
NTDB id 374 SMU RS06885 WP 002262930.1       HVPIIMLSAKDSEFDKVIGLEIGADDYVTKPFSNRELLARVKAHLRRTENIESAVAEENASGIPEIIIGDLQILPDAFVA   151
NTDB id 155279 A6681 RS02100 WP 003084583.1  STPVIMLSSKDGLFDKAKGRIVGSDQYLTKPFSKEELLGAIKAHVPSFTPVDAVS.....................   135
NTDB id 1047 HON27 RS03110 WP 000389061.1    NIPVIMLSSKDGLFDQAKGRVVGSDEYLTKPFSKDELLNAIRNHVSS.............................   127
consensus                                     *!*!!!!*!!**!!***!***!*!*!*!!!!!**!!!*****!* *    **
```



```
NTDB id 374 SMU RS06885 WP 002262930.1       KKRGTEVELTHREFELLHHLATHTGQVMTREHLLETVWGYDYFGDVRTVDVTVRRLREKIEDTPSRPEYILTRRGVGYYM   231
NTDB id 155279 A6681 RS02100 WP 003084583.1  ...........................................................................................   135
NTDB id 1047 HON27 RS03110 WP 000389061.1    ...........................................................................................   127
consensus
```



```
NTDB id 374 SMU RS06885 WP 002262930.1       KSYD   235
NTDB id 155279 A6681 RS02100 WP 003084583.1  ....   135
NTDB id 1047 HON27 RS03110 WP 000389061.1    ....   127
consensus
```

X non conserved
X similar
X ≥ 50% conserved