```
NTDB id 309771 CH639 RS02170 WP 005692773.1  MNIKDEHIDSVCSLLDQLVGNVSFKNLFTGYGLFHKEETMFAIWQNKKLYLRGEGVLAIQLTKLGCEPFTTNELNKRFVL  80
NTDB id 1375 HI 0601 AAC22258.1              MNIKDEHIDSVCSLLDQLVGNVSFKNLFTGYGLFHKEETMFAIWQNKKLYLRGEGVLAIQLTKLGCEPFTTNELNKRFVL  80
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
NTDB id 309771 CH639 RS02170 WP 005692773.1  SQYYALSDQILRSNRLCRKLIILSIKQILERKLECTLRKLNRLKDLPNLTIKHERALIKVGITNVAMLREIGAENALVEL  160
NTDB id 1375 HI 0601 AAC22258.1              SQYYALSDQILRSNRLCRKLIILSIKQILEQKLECTLRKLNRLKDLPNLTIKHERALIKVGITNVAMLREIGAENALVEL  160
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
NTDB id 309771 CH639 RS02170 WP 005692773.1  KKSGSGATLDFYWKLVCALQNKNSQMLSQAEKERLLKKLNEVLRKNGLKGYRKLDDE  217
NTDB id 1375 HI 0601 AAC22258.1              KKSGSGATLDFYWKLVCALQNKNSQMLSQAEKERLLKKLNEVWRKNGLKGYRKLDDE  217
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved