```
logo

NTDB id 305032 DV446 RS09740 WP 114910536.1  MMTPETQKQLKITDVSAKKLDKLNLHTAWDLVLHLPLRYEDETHIMPIKDAPIGVPCQVEGEVIHQEVTFKPRKQLIVQI   80
NTDB id 1095 KZH42 RS10215 WP 002225638.1    MMSPETRKQLKITDVSAKKLDKLNLHTAWDLVLHLPLRYEDETHIMPIKDAPIGVPCQVEGEVIHQEVTFKPRKQLIVQI   80
consensus                                    !!*!!! !!!!
```

```
logo                                                  GLAQLHQLRGRVGRGAAESVCVLLFAEPLSELAKARLKVIYEHTDGFEIARQDLNIRGPGEFLGARQSGVPMLRFANLEE
NTDB id 305032 DV446 RS09740 WP 114910536.1           GLAQLHQLRGRVGRGAAESVCVLLFAEPLSELAKARLKVIYEHTDGFEIARQDLNIRGPGEFLGARQSGVPMLRFANLEE   640
NTDB id 1095 KZH42 RS10215 WP 002225638.1             GLAQLHQLRGRVGRGAAESVCVLLFAEPLGELAKARLKVIYEHTDGFEIARQDLNIRGPGEFLGARQSGVPMLRFAKLEE   640
consensus                                             !!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
logo                                                  DLHLLEQAREIAPLLIEQNPEIVEAHLARWLASSREGYLGV
NTDB id 305032 DV446 RS09740 WP 114910536.1           DLHLLEQAREIAPLLIEQNPEIVEAHLARWLASREGYLGV   680
NTDB id 1095 KZH42 RS10215 WP 002225638.1             DLHLLEQARETAPMLIEQNPEIVEAHLARWLSGREGYLGV   680
consensus                                             !!!!!!!!!!! !!*!!!!!!!!!!!!!!!!!!  !!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved