```
logo

NTDB id 1145267 PHAGEPCYII10 RS24645 WP 003116261.1  ........MSRETGFSMIEVLVALVLISIGVLGMVAMQGRTIQYTQESVQRNAAAMLASDLMEIMRADPDAVLNL   67
NTDB id 1195 PAKAF RS24020 WP 016253895.1            MLLKSRHRSLHQSGFSMIEVLVALLLISIGVLGMIAMQGKTIQYTADSVERNKAAMLGSNLLESMRASPKALYDV   75
consensus                                            ********  * *!!!!!!!!!!*!!!!!!!!!*!!!!*!!!!! *!! !! !!!!*! !*! !!! ! !*  *

logo

NTDB id 1145267 PHAGEPCYII10 RS24645 WP 003116261.1  RAQLREDSVYYKAKGSDFPAAPARCAPLPADAKERLGCWAQQASKDLPGASALLNSQFYICRSPTPGTCDNTKGS   142
NTDB id 1195 PAKAF RS24020 WP 016253895.1            KDQMATQSDFFKAKGSAFPTAPSSCTPLPDAIKDRLGCWAEQVKNELPGAGDLLMSDYYICRSSKPGDCDG.KGS   149
consensus                                            * !*   ! **!!!!! !! !!  ! !!!   !*!!!!!! !   *!!!!  !! ! *!!!!!* !! !! *!!!

logo

NTDB id 1145267 PHAGEPCYII10 RS24645 WP 003116261.1  AIEIQVAWRAMDGACFNASDS....TLCTYSVRSEL   174
NTDB id 1195 PAKAF RS24020 WP 016253895.1            MLEIRLAWRGKQGACVNAADSSADTSLCYYTLRVEP   185
consensus                                             *!! *!!!*  !!! !! !!*****!! !**! !*
```

X non conserved

X similar

X $\geq$50% conserved