```
logo

NTDB id 1081099 UPTC5055 RS06405 WP 410689793.1  MNIFINLPTWLGDAVMASAAIYAIKEKYPQAKFTFYGSFVSTELFKCFENAQILVENKKQRYKQILQARKNLGKFDLAFS   80
NTDB id 1241 Cj1148 YP 002344539.1               MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                        ! !!!*!!!!!!! !!!!*!*! !!!*** ! !  !!!!!!! !!!*!*!  !**!!!  !!!! !  !! !!! !! !

logo

NTDB id 1081099 UPTC5055 RS06405 WP 410689793.1  FRSAFSSKIILNLIKVKKRFYFDKNILKEEHQVLKYLNFIEKALNFKATSNSLKLPIKA........KSTQKILGINPGA  152
NTDB id 1241 Cj1148 YP 002344539.1               FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                        !!!!!!!!!!!***! ! !**!!!!  !!!!!!!!!! !!!  !  !!*   !!!! ! *********   !!!!*!!!!

logo

NTDB id 1081099 UPTC5055 RS06405 WP 410689793.1  HFGSAKRWEAIYFARVAKEFSSTHQILIFGVE.SEREICDEIEQFLLKEGIRAKNLCGKTSIYTLCKNISMLDLLITNDS  231
NTDB id 1241 Cj1148 YP 002344539.1               SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                        *!!!!!!!*! !!!*!!  !! *! !!!!!  * ! !*! !! ! !   !* !!!! !!*! !!! !!  *!! !!!!!

logo

NTDB id 1081099 UPTC5055 RS06405 WP 410689793.1  GPMHIGAVYGVKTVAVFGSTKFSQTSPWQE.NAKIAHLNLVCMPCMQKVCPLKHHKCMKDLKPDVVINLAKKFSGV...  306
NTDB id 1241 Cj1148 YP 002344539.1               GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                        !!!!* !!! !!!!!*!!*!!!*!!!!!! *!!!* !! ! !!!!!!! !!!!!!!!!!!!!!* !!  !!     ***
```

X non conserved

X similar

X $\geq$ 50% conserved