```
logo
NTDB id 1081291 UPTC15624 RS06185 WP 410689470.1  MNIFINLPTWLGDAVMASVAIYAIKEKYPQAKFTFYGSFVSTELFKRFENAQILVENKKQRYRQILQARKNLGKFDLAFS   80
NTDB id 1241 Cj1148 YP 002344539.1                MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                         ! !!!*!!!!!!! !!!!*!*! !!!*** ! !  !!!!!!! !!! !*!  !**!!!  !!*! !  !! !!! !! !

logo
NTDB id 1081291 UPTC15624 RS06185 WP 410689470.1  FRSAFSSKIVLNLIKTKKRFYFDKNILKEEHQVLKYLNFIEKALNFKATSNALKLPIKA........KSTQKILGINPGA  152
NTDB id 1241 Cj1148 YP 002344539.1                FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                         !!!!!!!!!*!***!!! !**!!!!  !!!!!!!!!! !!!  !  !!*   !!!! ! ********   !!!!*!!!!

logo
NTDB id 1081291 UPTC15624 RS06185 WP 410689470.1  HFGSAKRWEANYFARVAKEFSSTHQILIFGVE.SEREICDEIEHFLLKEGIKAKNLCGKTSIYTLCKNISMLDLLITNDS  231
NTDB id 1241 Cj1148 YP 002344539.1                SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                         *!!!!!!!*! !!!*!!  !! *! !!!!!  * ! !*! !! * !    !! !!!! !!*! !!! !!  *!! !!!!!

logo
NTDB id 1081291 UPTC15624 RS06185 WP 410689470.1  GPMHIGAAYGVKTVAVFGSTKFSQTSPWQE.NAKIAHLNLACMPCMQKVCPLKHHKCMKDLKPEVVINLARNFSGV...  306
NTDB id 1241 Cj1148 YP 002344539.1                GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                         !!!!* ! ! !!!!!*!!*!!!*!!!!!! *!!!* !! !!!!!!!!! !!!!!!!!!!!!!!! !!  !*!    ***
```

X non conserved

X similar

X $\geq$ 50% conserved