```
logo

NTDB id 123280 UPTC3659 RS07310 WP 039626855.1  MNIFINLPTWLGDAVMASAAIYAIKEKYPQTKFTFYGSFVSTELFKRFENAQILVENKKQRYKQILKARKNLGKFDLAFS   80
NTDB id 1241 Cj1148 YP 002344539.1              MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                       ! !!!*!!!!!!! !!!!*!*! !!!***   !  !!!!!!! !!! !*!  !**!!!  !!!! !  !! !!! !! !

logo

NTDB id 123280 UPTC3659 RS07310 WP 039626855.1  FRSAFSSKIVLNLIKTKKRFYFDKNILKEEHQVLKYLNFIEKALNFKATSNALKLPIKA........KSTQKILGINPGA  152
NTDB id 1241 Cj1148 YP 002344539.1              FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                       !!!!!!!!!*!***!!! !**!!!!  !!!!!!!!!! !!!  !  !!*   !!!! ! ********   !!!!*!!!!

logo

NTDB id 123280 UPTC3659 RS07310 WP 039626855.1  HFGSAKRWEASYFARVAKEFSSTHQILIFGVE.SEREICDEIERFLLKEGIRAKNLCGKTSIYTLCKNISMLDLLITNDS  231
NTDB id 1241 Cj1148 YP 002344539.1              SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                       *!!!!!!!*!!!!!*!!  !! *! !!!!!  * ! !*! !!   !    !* !!!! !!*! !!! !!  *!! !!!!!

logo

NTDB id 123280 UPTC3659 RS07310 WP 039626855.1  GPMHIGAVYGVKTVAVFGSTKFSQTSPWQE.NAKIAHLNLVCMPCMQKVCPLKHHKCMKDLKPDVVINLAKTFF.....  304
NTDB id 1241 Cj1148 YP 002344539.1              GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                       !!!!* !!! !!!!!*!!*!!!*!!!!!! *!!!* !! ! !!!!!!! !!!!!!!!!!!!!!* !!  !!   *****
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X non conserved

X similar

X $\geq$ 50% conserved