```
logo

NTDB id 1081219 UPTC5105 RS06115 WP 257904934.1  MNIFINLPTWLGDAVMASAAIYAIKEKHPQAKFTFYGSFVSTELFKHFENAQILVENKKQRYRQILQARKNLGKFDLAFS   80
NTDB id 1241 Cj1148 YP 002344539.1               MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                        ! !!!*!!!!!!! !!!!*!*! !!!*** ! !  !!!!!!! !!!*!*!  !**!!!  !!*! !  !! !!! !! !

logo

NTDB id 1081219 UPTC5105 RS06115 WP 257904934.1  FRSAFSSKIILNLIKAKKRFYFDKNILKEEHQVLKYLNFIEKALNFKATSNALKLPIKA........KSTQKILGINAGA  152
NTDB id 1241 Cj1148 YP 002344539.1               FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                        !!!!!!!!!!!***! ! !**!!!!  !!!!!!!!!! !!!  !  !!*   !!!! ! *********   !!!!*!*!!

logo

NTDB id 1081219 UPTC5105 RS06115 WP 257904934.1  HFGIAKRWEASYFARVAREFSSTHQILIFGVE.SEREICDEIEHYLLKEGIKVKNLCGKTSIYTLCKNISMLDLLITNDS  231
NTDB id 1241 Cj1148 YP 002344539.1               SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYGILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                        *!! !!!!*!!!!!*!!  !! *! !!!!!  * ! !*! !! * !   !!!!!!! !!*! !!! !!  *!! !!!!!

logo

NTDB id 1081219 UPTC5105 RS06115 WP 257904934.1  GPMHIGAAYGVKTVAIFGSTKFSQTSPWQE.NAKIAHLDLACMPCMQKVCPLKHHKCMKDLKPEVVINLAKTFF.....  304
NTDB id 1241 Cj1148 YP 002344539.1               GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                        !!!!* ! ! !!!!!!!!*!!!*!!!!!! *!!!* !!!!!!!!!!!! !!!!!!!!!!!!!!! !!  !!   *****
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X non conserved

X similar

X $\geq$ 50% conserved