```
logo

NTDB id 105525 R8920 RS03170 WP 317727044.1  MKIFIHLPTWLGDAVMASPALYGVYHHFKNAEFILYGSFVSTALFKEFPNAKIIVENKKSRYKQTLSLRKKLGKIDLALS   80
NTDB id 1241 Cj1148 YP 002344539.1           MKIFIHLPTWLGDTVMASPALYTIKEHFKDAQFILYGSFVSTALFKEFPNSKIIIENKLSRYKQALSLRKELGKIDLSFA   80
consensus                                    !!!!!!!!!!!!! !!!!!!!! * *!!! ! !!!!!!!!!!!!!!!!!! !!!*!!! !!!!! !!!!! !!!!!!

logo

NTDB id 105525 R8920 RS03170 WP 317727044.1  FRSALSSKIILHILKAKKRYFFNKYNFKEEHQVLKYLYFIENSLDIKAHSKDLKLPFRLKFQNPIVLKNGKKILGLNPGA  160
NTDB id 1241 Cj1148 YP 002344539.1           FRSAFSSKIILHILKTKQRYFFDKNKYKEEHQVLKYLYFIENSLSIKAHFKDLKLPFKLKFQNPLILRNGKKILGLNPGA  160
consensus                                    !!!! !!!!!!!!!!! ! !!!! !  *!!!!!!!!!!!!!!!!! !!!! !!!!!!!*!!!!!!**!*!!!!!!!!!!!!

logo

NTDB id 105525 R8920 RS03170 WP 317727044.1  SFGSAKRWDASYFAKVALNFSQSHEILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
NTDB id 1241 Cj1148 YP 002344539.1           SFGSAKRWDASYFAKVALNFSQSHDILIFGAGKAEQELCNEIYQILKEQNIKVKNLCNKTTIKTLCQNIAFCDLFITNDS  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 105525 R8920 RS03170 WP 317727044.1  GPMHIAAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKICPLKHHKCMKDLKPEMVLEKLKFDT.....  314
NTDB id 1241 Cj1148 YP 002344539.1           GPMHLSAVYKVKTVAIFGPTKFTQTSPWQNENAKLVHLDLACMPCMQKTCPLKHHKCMKDLKPEKVIEQAKNLLKNSHL  319
consensus                                    !!!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!! !*!  !    *****
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X non conserved

X similar

X $\geq$ 50% conserved