```
logo
NTDB id 20857 SPY RS00650 WP 010921802.1   MTFEKIEEAYQLLLENCQLIENDLKTHIYDAIVEQNSFYLGAEGASPQVAQNSDKLKALCLTKEEWRKAYQFLFIKAAQTEQLQA   85
NTDB id 401 FSA28 RS09370 WP 002291646.1   MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQSQQLQS   85
NTDB id 392 SMU RS09000 WP 002263442.1     MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQSQQLQS   85
consensus                                  !*!!!!!*!!*!!!*!!!**!**!*!!*!!!**!!!**!!!!!!*****!**!!**!*!*!!!!!***!!*!!!!*!**!!!*

logo
NTDB id 20857 SPY RS00650 WP 010921802.1   NHQFTPDAIGFILLYLLEQLSDKDSLEVLEIGSGTGNLAQTLLNNTSKSLDYVGIELDDLLIDLSASIAEIMDSSAHFIQEDAVR   170
NTDB id 401 FSA28 RS09370 WP 002291646.1   NHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYIGIEVDDLLIDLSASIADVLDSSVHFVQEDAVR   170
NTDB id 392 SMU RS09000 WP 002263442.1     NHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYMGIEVDDLLIDLSASIADVLDSSVHFVQEDAVR   170
consensus                                  !!!!!!!*!!!!*!!!!!*!**!**!***!!!!!!!!!!*!**!!*!!!*!!*!!!*!!!!!!!!!!!!!***!!!*!!*!!!!!!

logo
NTDB id 20857 SPY RS00650 WP 010921802.1   PQLLKESDIVISDLPVGYYPNDDIAKRYKVASSDKHTYAHHLLMEQSLKYLKKDGFAIFLAPVNLLTSPQSQLLKQWLKDYAQVV   255
NTDB id 401 FSA28 RS09370 WP 002291646.1   PQILKESDVIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQSPLLKKWLQNNVTIL   255
NTDB id 392 SMU RS09000 WP 002263442.1     PQILKESDIIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQSPLLKKWLQNNVTIL   255
consensus                                  !!*!!!!!**!!!!!!!!*!!!!*!!*!!*!!****!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!*!!!!*!!*!!!*!!*******

logo
NTDB id 20857 SPY RS00650 WP 010921802.1   TLITLPDSIFGHPSNAKSIIVLQKQTDHPMETFVYPIRDLKLAENIHDFMENFKKWKLSNVN   317
NTDB id 401 FSA28 RS09370 WP 002291646.1   AVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF   317
NTDB id 392 SMU RS09000 WP 002263442.1     AVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF   317
consensus                                  **!*!!**!!***!!*!!!*!!*!!*****!*!!!!**!!***!****!!*!!!!!!**!!*
```

X non conserved

X similar

X $\geq$ 50% conserved