```
logo
                                                  MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS
                                                  N   E   T   T   N   K   T   Y   S   SSCDL   V   V   Q   D   Q   T   S   A   T
NTDB id 233364 CCZ24 RS09655 WP 001008572.1       MNFEKIETAYELILENIQTIENQLKTHIYDALIEQNSYYLGSSCDLDIVVVNNQKLRQLDLSQEEWRRTFQFIFIKSAQT    80
NTDB id 392 SMU RS09000 WP 002263442.1            MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS    80
NTDB id 401 FSA28 RS09370 WP 002291646.1          MDFEKIEAAYNLLLDNCQRLETQLHTHLYDALIEQNACYLGAEGADDFIKENNKKLRQLNLSKEEWRRSFQFIFIKATQS    80
consensus                                         !*!!!!!*!!*!*!*!*!**!*!!*!!*!!!!!!!!**!!!*****!****!!*!!!!!*!!*!!!!!*!!!!!!!**!*

logo
                                                  QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYMGIEVDDLLIDLSASIADVLDSS
                                                  E   A   L   F   E   S   E   T   V   L   Q   L   L   N   E   N   I   E   I   G
NTDB id 233364 CCZ24 RS09655 WP 001008572.1       EQLQANHQFTPDSIGFILLFLLEELTSQETVDVLEIGSGTGNLAQTLLNNSSKELNYMGIEVDDLLIDLSASIAEIIGSS   160
NTDB id 392 SMU RS09000 WP 002263442.1            QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYMGIEVDDLLIDLSASIADVLDSS   160
NTDB id 401 FSA28 RS09370 WP 002291646.1          QQLQSNHQFTPDSIGFIILYLLEGLTNKSQLDIIEIGSGTGNLAETIVNNSSKSIDYIGIEVDDLLIDLSASIADVLDSS   160
consensus                                         *!!!*!!!!!!!!!!!!!*!*!!!*!!*****!**!!!!!!!!!!!*!**!!!!!***!*!!!!!!!!!!!!!!!!****!!

logo
                                                  VHFVQEDAVRPQILKESDVIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ
                                                  AQ   Y   D   K   A   SSSKE   D   V   E   N   P
NTDB id 233364 CCZ24 RS09655 WP 001008572.1       AQFIQEDAVRPQILKESDVIISDLPVGYYPNDDIAKRYAVSSSKEHTYAHHLLMEQSLKYLKKDGIAIFLVPENLLTSPQ   240
NTDB id 392 SMU RS09000 WP 002263442.1            VHFVQEDAVRPQILKESDIIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ   240
NTDB id 401 FSA28 RS09370 WP 002291646.1          VHFVQEDAVRPQILKESDVIISDLPVGFYPNDKIAQRYQVAAKLGHTYAHHLLMEQSLKYLKKEGLAIFLAPVDLLTSEQ   240
consensus                                         **!*!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!*!!*!!*!*****!!!!!!!!!!!!!!!!!!!!*!*!!!!*!**!!!!*!

logo
                                                  SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF
                                                  D   E   K   Y   A   V   T   L   T   G   R   Q   A   A   E   K   P   T   N   R   N   M   A   N   I   E   N   Q   K   W   S   R   E   N   S   H   Y   S   K
NTDB id 233364 CCZ24 RS09655 WP 001008572.1       SDLLKEWLKGYADVIAVLTLPETIFGSRQNAKSIFVLKKQAEQKPETFVYPLTDLQNRENMANFIENFQKWSRENSHYSK   320
NTDB id 392 SMU RS09000 WP 002263442.1            SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF...   317
NTDB id 401 FSA28 RS09370 WP 002291646.1          SPLLKKWLQNNVTILAVISLPEAIFKQKSNIKSIFVLKKQSQQSLESFVYPLTDLQDPEVLRRFMKNFKKWKEDNVF...   317
consensus                                         !*!!!*!!*******!!**!!!*!!****!*!!!!!!!!!**!**!*!!!!!!!!!**!****!**!!*!!***!**

logo
                                                  NMIE
NTDB id 233364 CCZ24 RS09655 WP 001008572.1       NMIE   324
NTDB id 392 SMU RS09000 WP 002263442.1            ....   317
NTDB id 401 FSA28 RS09370 WP 002291646.1          ....   317
consensus
```

X non conserved
X similar
X $\geq$ 50% conserved