```
logo

NTDB id 44143 SAMSHR1132 RS02555 WP 000817291.1   MKRCISVHNNVGKHSNIVDDNEFEKLITDLKPLIIRRMKRFGFKYHDLEDLYQEILIKIYRATKTFDFKGEQPFVNYVQC   80
NTDB id 13 SA RS02890 WP 000872882.1              MKYDLTTQDSTIKRNNSINDKDFEKLVMDLQPLIIRRIKTFGFNHYDLEDLYQEILIRMYRSVQTFDFSGEQPFTNYVQC   80
NTDB id 29 MW RS02705 WP 000872877.1              MKYDLTTQDSTIKRNNAINDKDFEKLVMDLQPLIIRRIKTFGFNHYDLEDLYQEILIRMYRSVQTFDFSGEQPFTNYVQC   80
consensus                                         !!**********!**! **!**!!!!**!!*!!!!!!*!*!!!***!!!!!!!!!!!!**!!***!!!!*!!!!!*!!!!!

logo

NTDB id 44143 SAMSHR1132 RS02555 WP 000817291.1   LITSVKYDYLRKCLASSRRMDSLVNEYKVIYPCALKYHDIERNYLNKLNVRELICQFKYLSAFEKEVMYFICDQYKPREI   160
NTDB id 13 SA RS02890 WP 000872882.1              LITSVKYDYLRKYLATNKRMDNLINEYRVTYPCAIKRFDVENNYLNKLAIKELICQFKYLSAFEKDVMYLMCEQYKPREI   160
NTDB id 29 MW RS02705 WP 000872877.1              LITSVKYDYLRKYLATNKRMDNLINEYRVTYPCAIKRYDVENNYLNKLAIKELIRQFKYLSVFEKDVMYLMCEQYKPREI   160
consensus                                         !!!!!!!!!!!!!*!!***!!!*!*!!!*!*!!!!*!**!*!*!!!!!!***!!!*!!!!!!*!!!*!!!**!*!!!!!!!

logo

NTDB id 44143 SAMSHR1132 RS02555 WP 000817291.1   AQLMNVKEKTIYNAIQRCKSKIRQHFKMY   189
NTDB id 13 SA RS02890 WP 000872882.1              AQLMHVKEKVIYNAIQRCKNKIKRYFKMI   189
NTDB id 29 MW RS02705 WP 000872877.1              AQLMHVKEKVIYNAIQRCKNKIKRYFKMI   189
consensus                                         !!!!*!!!!*!!!!!!!!!*!!***!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved