```
logo

NTDB id 247489 COP00 RS06555 WP 048353339.1  MEKIKVCVADDNRELVGLLSEYIEGQNDMEVIGVAYNGQECLSLFKDKEPDVLVLDIIMPHLDGLAVLERLRESQLKKQP   80
NTDB id 89 BSU 24220 NP 390302.1             MEKIKVCVADDNRELVSLLSEYIEGQEDMEVIGVAYNGQECLSLFKEKDPDVLVLDIIMPHLDGLAVLERLRESDLKKQP   80
consensus                                    !!!!!!!!!!!!!!!! !!!!!!!!! !!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!

logo

NTDB id 247489 COP00 RS06555 WP 048353339.1  NVIMLTAFGQEDVTKKAVDLGASYFILKPFDMENLVGHIRQVSGNGSQMTHRAPSVQSSVLRP.QPESPKKNLDASITSI  159
NTDB id 89 BSU 24220 NP 390302.1             NVIMLTAFGQEDVTKKAVDLGASYFILKPFDMENLVGHIRQVSGNASSVTHRAPSSQSSIIRSSQPEPKKKNLDASITSI  160
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*! *!!!!!!! !!!**!**!!!**!!!!!!!!!!!

logo

NTDB id 247489 COP00 RS06555 WP 048353339.1  IHEIGVPAHIKGYLYLREAISMVYNDIELLGSITKVLYPDIAKKFNTTASRVERAIRHAIEVAWSRGNIDSISSLFGYTV  239
NTDB id 89 BSU 24220 NP 390302.1             IHEIGVPAHIKGYLYLREAISMVYNDIELLGSITKVLYPDIAKKFNTTASRVERAIRHAIEVAWSRGNIDSISSLFGYTV  240
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 247489 COP00 RS06555 WP 048353339.1  SMSKAKPTNSEFIAMVADKLRLEHKAS   266
NTDB id 89 BSU 24220 NP 390302.1             SMTKAKPTNSEFIAMVADKLRLEHKAS   267
consensus                                    !!*!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved