```
logo

NTDB id 112440 YBT1520 RS22000 WP 021727703.1  MEKIKVCLVDDNKELVSMLESYVAAQDDMEVIGTAYNGQECLNLLTDKQPDVLVLDIIMPHLDGLAVLEKMRHIERLKQP   80
NTDB id 89 BSU 24220 NP 390302.1               MEKIKVCVADDNRELVSLLSEYIEGQEDMEVIGVAYNGQECLSLFKEKDPDVLVLDIIMPHLDGLAVLERLRESDLKKQP   80
consensus                                      !!!!!!!* !!!*!!!!*!  !* *!*!!!!!! !!!!!!!! !  *! !!!!!!!!!!!!!!!!!!!!!**!* *   !!!

logo

NTDB id 112440 YBT1520 RS22000 WP 021727703.1  SVIMLTAFGQEDVTKKAVDLGASYFILKPFDMENLTSHIRQVSGKANTMIKRPLPSF...RSATTVDGKPKNLDASITSI  157
NTDB id 89 BSU 24220 NP 390302.1               NVIMLTAFGQEDVTKKAVDLGASYFILKPFDMENLVGHIRQVSGNASSVTHRAPSSQSSIIRSSQPEPKKKNLDASITSI  160
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!!!!!! ! ** *!***! ***   * ***!*!!!!!!!!!!

logo

NTDB id 112440 YBT1520 RS22000 WP 021727703.1  IHEIGVPAHIKGYMYLREAISMVYNDIELLGSITKVLYPDIAKKYNTTASRVERAIRHAIEVAWSRGNIDSISSLFGYTV  237
NTDB id 89 BSU 24220 NP 390302.1               IHEIGVPAHIKGYLYLREAISMVYNDIELLGSITKVLYPDIAKKFNTTASRVERAIRHAIEVAWSRGNIDSISSLFGYTV  240
consensus                                      !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 112440 YBT1520 RS22000 WP 021727703.1  SMSKAKPTNSEFIAMVADKLRLEHKAS  264
NTDB id 89 BSU 24220 NP 390302.1               SMTKAKPTNSEFIAMVADKLRLEHKAS  267
consensus                                      !!*!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved