```
logo

NTDB id 111245 ACMCNI RS06160 WP 226691992.1  MPMLYKKRKTLQIGVHRLQNQFQFVWLNTAQQVQFLCLSAEEHYIESALMVRLAQNFSQNNVNFRLVGSISPHLTWSKTL   80
NTDB id 1343 HI 0439 AAC22098.1               MQFSLKNYRTLQIGIHRKQSYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
NTDB id 1369 NTHI RS02665 WP 011272050.1      MQFSLKNYRTLQIGIHRKQGYFDFVWFDDLEQPQSYQIFVNDRDFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
consensus                                     !****!***!!!!!*!!*! *!*!!!****!*!*****************!************!*!!**!!!!!!*!

logo

NTDB id 111245 ACMCNI RS06160 WP 226691992.1  LLPHTLNAQECEQQCHFVLQKELPIPLEELWFDYTSTPLKQGFRLDIHAIRRQVVNEVQKDYGQLSLGILDITHYAILRA  160
NTDB id 1343 HI 0439 AAC22098.1               MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSSAQTYLQDFQPFNINILDVASNAVLRA  160
NTDB id 1369 NTHI RS02665 WP 011272050.1      MLPQVLNAQECHQQCKFVIEKELPISLNELWFDYRSTSLKQGFRLDVTAIRKSTAQTYLQDFQPFKINVLDVASNAILRA  160
consensus                                     *!!**!!!!!!*!!!*!!**!!!!! !*!!!!!!*!!*!!!!!!!***!!!********!**** ***!!****!*!!!

logo

NTDB id 111245 ACMCNI RS06160 WP 226691992.1  FRFILGED..RDNSLYLYQDETYCFAIMESFHQQQLLQTSENLTALYEQFCQRFEPEIEHIYVYQAENITQTDLPENWQR  238
NTDB id 1343 HI 0439 AAC22098.1               FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPS.SHTPLPENWQR  239
NTDB id 1369 NTHI RS02665 WP 011272050.1      FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPS.SHTPLPENWQR  239
consensus                                     !***!*!*****!*!*!*!***!!*!!*!***!*!*!!**!!!!!!!!!!**!!!***!***!!!*** **!*!!!!!!!

logo

NTDB id 111245 ACMCNI RS06160 WP 226691992.1  VKTQFPFIALGNALWQMDLHQNSADFQPHF   268
NTDB id 1343 HI 0439 AAC22098.1               VETELPFIALGNALWQKDLHQQKVGG....   265
NTDB id 1369 NTHI RS02665 WP 011272050.1      VETELPFIALGNALWQKDLHQQKVGG....   265
consensus                                     !*!**!!!!!!!!!!!*!!!!*****
```

X non conserved

X similar

X $\geq$ 50% conserved