```
logo

NTDB id 1151765 LSO74 RS03450 WP 005656469.1  MQFSLKNYRTLQIGIHRKQSYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
NTDB id 1343 HI 0439 AAC22098.1               MQFSLKNYRTLQIGIHRKQSYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
NTDB id 1369 NTHI RS02665 WP 011272050.1      MQFSLKNYRTLQIGIHRKQGYFDFVWFDDLEQPQSYQIFVNDRDFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
consensus                                     !!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1151765 LSO74 RS03450 WP 005656469.1  MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSTAQTYLQDFQPFKINVLDVASNAVLRA  160
NTDB id 1343 HI 0439 AAC22098.1               MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSSAQTYLQDFQPFNINILDVASNAVLRA  160
NTDB id 1369 NTHI RS02665 WP 011272050.1      MLPQVLNAQECHQQCKFVIEKELPISLNELWFDYRSTSLKQGFRLDVTAIRKSTAQTYLQDFQPFKINVLDVASNAILRA  160
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1151765 LSO74 RS03450 WP 005656469.1  FQYLLNEQARSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQFEQVFVYQIPSSHTPLPENWQRV  240
NTDB id 1343 HI 0439 AAC22098.1               FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
NTDB id 1369 NTHI RS02665 WP 011272050.1      FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
consensus                                     !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1151765 LSO74 RS03450 WP 005656469.1  ETELPFIALGNVLWQKDLHQQKVGG  265
NTDB id 1343 HI 0439 AAC22098.1               ETELPFIALGNALWQKDLHQQKVGG  265
NTDB id 1369 NTHI RS02665 WP 011272050.1      ETELPFIALGNALWQKDLHQQKVGG  265
consensus                                     !!!!!!!!!!!*!!!!!!!!!!!!!!
```

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