```
logo

NTDB id 1142186 DQN30 RS03530 WP 111696319.1  MQFSLKNHRTLQIGWHRKQGYFDFVWFDELEQPQCYQSSINDSDLKNRFLRHLKTQSQGKIFSLQFVASISAHLTWSKVL   80
NTDB id 1369 NTHI RS02665 WP 011272050.1      MQFSLKNYRTLQIGIHRKQGYFDFVWFDDLEQPQSYQIFVNDRDFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
NTDB id 1343 HI 0439 AAC22098.1               MQFSLKNYRTLQIGIHRKQSYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
consensus                                     !!!!!!!*!!!!!!*!!!!!*!!!!!!!!*!!!!!*!!***!!***!!!!!**!!!!*!!!!*!*!!!!!!!*!!!!!!!!!!

logo

NTDB id 1142186 DQN30 RS03530 WP 111696319.1  MLPQILNEQECHQQCKFVIEKELPIPLEELWFDYISTPLKQGFRLEITAIREASAQTYLQDFQPFKISVLDVVPHSILRA  160
NTDB id 1369 NTHI RS02665 WP 011272050.1      MLPQVLNAQECHQQCKFVIEKELPISLNELWFDYRSTSLKQGFRLDVTAIRKSTAQTYLQDFQPFKINVLDVASNAILRA  160
NTDB id 1343 HI 0439 AAC22098.1               MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSSAQTYLQDFQPFNINILDVASNAVLRA  160
consensus                                     !!!!*!!*!!!!!!!!!!!!!!!!!! !*!!!!!!!*!!*!!!!!!!**!!!!***!!!!!!!!!!!*!**!!!*****!!!

logo

NTDB id 1142186 DQN30 RS03530 WP 111696319.1  FQYLLNEQVWSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
NTDB id 1369 NTHI RS02665 WP 011272050.1      FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
NTDB id 1343 HI 0439 AAC22098.1               FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
consensus                                     !!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1142186 DQN30 RS03530 WP 111696319.1  ETDLPFIALGNALWQKDLHQQKVSS   265
NTDB id 1369 NTHI RS02665 WP 011272050.1      ETELPFIALGNALWQKDLHQQKVGG   265
NTDB id 1343 HI 0439 AAC22098.1               ETELPFIALGNALWQKDLHQQKVGG   265
consensus                                     !!*!!!!!!!!!!!!!!!!!!!!!**
```

X non conserved
X similar
X ≥ 50% conserved