```
logo

NTDB id 1369 NTHI RS02665 WP 011272050.1        MQFSLKNYRTLQIGIHRKQGYFDFVWFDDLEQPQSYQIFVNDRDFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
NTDB id 1065059 ACHWYH RS06440 WP 112103058.1  MQFSLKNYRTLQIGIHRKQGYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFSLQFVASIPAHLTWSKVL   80
NTDB id 1343 HI 0439 AAC22098.1                 MQFSLKNYRTLQIGIHRKQSYFDFVWFDDLEQPQSYQIFVNDRYFKNRFLQQLKTQYQGKTFPLQFVASIPAHLTWSKVL   80
consensus                                       !!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!

logo

NTDB id 1369 NTHI RS02665 WP 011272050.1        MLPQVLNAQECHQQCKFVIEKELPISLNELWFDYRSTSLKQGFRLDVTAIRKSTAQTYLQDFQPFKINVLDVASNAILRA  160
NTDB id 1065059 ACHWYH RS06440 WP 112103058.1  MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSTAQTYLQDFQPFKINVLDVASNAILRA  160
NTDB id 1343 HI 0439 AAC22098.1                 MLPQVLNAQECHQQCKFVIEKELPIFLEELWFDYRSTPLKQGFRLEVTAIRKSSAQTYLQDFQPFNINILDVASNAVLRA  160
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!*!!!!!!!*!!!!!!!*!!!!!!!!!!!!!*!!*!!!!!!!*!!!

logo

NTDB id 1369 NTHI RS02665 WP 011272050.1        FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
NTDB id 1065059 ACHWYH RS06440 WP 112103058.1  FQYLLNEQVRSENTLFLFQEDDYCLVICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLLENWQRV  240
NTDB id 1343 HI 0439 AAC22098.1                 FQYLLNEQVRSENTLFLFQEDDYCLAICERSQQSQILQSHENLTALYEQFTERFEGQLEQVFVYQIPSSHTPLPENWQRV  240
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!

logo

NTDB id 1369 NTHI RS02665 WP 011272050.1        ETELPFIALGNALWQKDLHQQKVGG   265
NTDB id 1065059 ACHWYH RS06440 WP 112103058.1  ETDLPFIALGNALWQKDLHQQKVGG   265
NTDB id 1343 HI 0439 AAC22098.1                 ETELPFIALGNALWQKDLHQQKVGG   265
consensus                                       !!*!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved