```
logo

NTDB id 20639 VC RS19135 WP 001884047.1      MPQPCTNTRSCPCPLTCQYNAMVTVSPSISIFIHSANWQDEAHYPDSWLAMLTHWLRKTTAPLLTPECHLCRLALDTNS.    79
NTDB id 1154 A1552VC RS20525 WP 001884047.1  MPQPCTNTRSCPCPLTCQYNAMVTVSPSISIFIHSANWQDEAHYPDSWLAMLTHWLRKTTAPLLTPECHLCRLALDTNS.    79
NTDB id 1398 DSB67 RS00645 WP 029388870.1    ..................................................MLSHQWQNIMHRVLSSQCGLCRFPIPHRQT    30
consensus                                    **************************************************!!*!*********!***!*!!!*******

logo

NTDB id 20639 VC RS19135 WP 001884047.1      ..PFGVCSACQAWLEHGYRCARCGLPTLT....PVDQCGQCLGQPPPWRKLMCVGDYRFPLSDAVHQLKYQRQFWQAPRL   153
NTDB id 1154 A1552VC RS20525 WP 001884047.1  ..PFGVCSACQAWLEHGYRCARCGLPTLT....PVDQCGQCLGQPPPWRKLMCVGDYRFPLSDAVHQLKYQRQFWQAPRL   153
NTDB id 1398 DSB67 RS00645 WP 029388870.1    PNLMRWCDSCFDHLTPIERCMRCGLKMTEEESQAATECGECLKEPPPWRRLYTLGDYDFPLSQQVQRFKDHGEVWHVGAL   110
consensus                                      ****!**!***!****!!*!!!!****    ****!!*!!**!!!!!*!***!!!*!!!!**!***!*****!****!

logo

AKLLATQINEPAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARRRATPHQQGLSKAQRIHNLRDAFVL
TQLLAERVEQPAPVITSVPVHWQRLLKRGFNQSHILAKHLAHHLDVRYENKVFKRVKNVQSQRGNKKASREQNLQGAFAL

NTDB id 20639 VC RS19135 WP 001884047.1      AKLLATQINEPAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARRRATPHQQGLSKAQRIHNLRDAFVL   233
NTDB id 1154 A1552VC RS20525 WP 001884047.1  AKLLATQINEPAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARRRATPHQQGLSKAQRIHNLRDAFVL   233
NTDB id 1398 DSB67 RS00645 WP 029388870.1    TQLLAERVEQPAPVITSVPVHWQRLLKRGFNQSHILAKHLAHHLDVRYENKVFKRVKNVQSQRGNKKASREQNLQGAFAL   190
consensus                                    **!!!*****!!!***!!!*!!*!***!!!!!!**!!**!!**!*!*!****!*!******!*!**!!*!**!!**!!*!

logo

NHPPNQPHVAIVDDVVTTGSTIRHLCDLLLDVGVQSIDIYCICRTPEPKDSHG
RGEVDFSHVAIVDDVVTTGSTVRQLCHLLLEVGVESIDIYCICRTPAPGSL..

NTDB id 20639 VC RS19135 WP 001884047.1      NHPPNQPHVAIVDDVVTTGSTIRHLCDLLLDVGVQSIDIYCICRTPEPKDSHG   286
NTDB id 1154 A1552VC RS20525 WP 001884047.1  NHPPNQPHVAIVDDVVTTGSTIRHLCDLLLDVGVQSIDIYCICRTPEPKDSHG   286
NTDB id 1398 DSB67 RS00645 WP 029388870.1    RGEVDFSHVAIVDDVVTTGSTVRQLCHLLLEVGVESIDIYCICRTPAPGSL..   241
consensus                                    *******!!!!!!!!!!!!!!!*!!!*!!!!*!!!*!!!!!!!!!!!*!*****
```

X non conserved

X similar

X ≥ 50% conserved