```
logo
NTDB id 1154 A1552VC RS20525 WP 001884047.1  MPQPCTNTRSCPCPLTCQYNAMVTVSPSISIFIHSANWQDEAHYPDSWLAMLTHWLRKTTAPLLTPECHLCRLALDTNS.   79
NTDB id 1398 DSB67 RS00645 WP 029388870.1    ..................................................MLSHQWQNIMHRVLSSQCGLCRFPIPHRQT   30
NTDB id 33653 UMNK88 RS20775 WP 001308099.1  ........................................................MLTVPGLCWLCRMPLALGH.   19
NTDB id 1434 BW25113 RS17685 WP 001333371.1  ........................................................MLTVPGLCWLCRMPLALGH.   19
NTDB id 1458 ASU2 RS11390 WP 005624668.1     ........................................................MNYWGFRCIHCRKPLAIAQ.   19
NTDB id 1374 NTHI RS02640 WP 011272045.1     ........................................................MNFFNFRCIHCRGNLHIAK.   19
NTDB id 1348 HI 0434 AAC22093.1              .......................................................MMNFFNFRCIHCRGNLHIAK.   20
consensus                                                                                            *  *   ! *!! ** **

logo
NTDB id 1154 A1552VC RS20525 WP 001884047.1  ..PFGVCSACQAWLE.HGYRCARCGLPTLT....PVDQCGQCLGQPPPWRKLMCVGDYRFPLSDAVHQLKYQRQFWQAPR  152
NTDB id 1398 DSB67 RS00645 WP 029388870.1    PNLMRWCDSCFDHLT.PIERCMRCGLKMTEEESQAATECGECLKEPPPWRRLYTLGDYDFPLSQQVQRFKDHGEVWHVGA  109
NTDB id 33653 UMNK88 RS20775 WP 001308099.1  ...WGICSVCSRAARTDKTLCPQCGLPATH....SHLPCGRCLQKPPPWQRLVTVADYAPPLSPLIHQLKFSRRSEIASA   92
NTDB id 1434 BW25113 RS17685 WP 001333371.1  ...WGICSVCSRATRTDKTLCPQCGLPATH....SHLPCGRCLQKPPPWQRLVTVADYAPPLSPLIHQLKFSRRSEIASA   92
NTDB id 1458 ASU2 RS11390 WP 005624668.1     ...HTICSSCYRKIE.KSCYCGCCGALLPE....NQLYCGNCLRNEPKWHRIVQIAYYKPPLSDWIHRFKFQDQFWLDQG   91
NTDB id 1374 NTHI RS02640 WP 011272045.1     ...NGLCSGCQKQIK.SFPYCGHCGAELQY....YAQHCGNCLKQEPSWDKMVIIGHYIEPLSILIHRFKFQNQFWIDRT   91
NTDB id 1348 HI 0434 AAC22093.1              ...NGLCSGCQKQIK.SFPYCGHCGSELQY....YAQHCGNCLKQEPSWDKMVIIGHYIEPLSILIQRFKFQNQFWIDRT   92
consensus                                        **!* ! * **     !* !!* *         !!*!!***!*! *** ***!  !!! *****!** ****  *

logo
NTDB id 1154 A1552VC RS20525 WP 001884047.1  LAKLLATQINE........PAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARRRATPHQQGLSKAQRI  224
NTDB id 1398 DSB67 RS00645 WP 029388870.1    LTQLLAERVEQ........PAPVITSVPVHWQRLLKRGFNQSHILAKHLAHHLDVRYENKVFKRVKNVQSQRGNKKASRE  181
NTDB id 33653 UMNK88 RS20775 WP 001308099.1  LSRLLLLEVLHARRTTGLQLPDRIISVPLWQRRHWRRGFNQSDLLCQPLSRWLHCRWDSEAVTRTRATATQHFLSARLRK  172
NTDB id 1434 BW25113 RS17685 WP 001333371.1  LSRLLLLEVLHARRTTGLQLPDRIVSVPLWQRRHWRRGFNQSDLLCQPLSRWLHCQWDSEAVTRTRATATQHFLSARLRK  172
NTDB id 1458 ASU2 RS11390 WP 005624668.1     LARLLLLAIKQAQRTHQLELPEVIFPVPLFWHREWQRGFNQAQLLAEHLSNWLNTPLDNVSLKRVRATYSQRQLTAYERK  171
NTDB id 1374 NTHI RS02640 WP 011272045.1     LARLLYLAVRDAKRTHQLKLPEAIIPVPLYHFRQWRRGYNQADLLSRQLSRWLDIPNLSNIVKRVKHTYTQRGLSAKDRR  171
NTDB id 1348 HI 0434 AAC22093.1              LARLLYLAVRDAKRTHQLKLPEAIIPVPLYHFRQWRRGYNQADLLSQQLSRWLDIPNLNNIVKRVKHTYTQRGLSAKDRR  172
consensus                                    !**!! * *  **** * *** ***!!** ! **!!*!!***!  !***! * **  ***!**** *!****** !*

logo
NTDB id 1154 A1552VC RS20525 WP 001884047.1  HNLRDAFVLNHPP...NQPHVAIVDDVVTTGSTIRHLCDLLLDVGVQSIDIYCICRTPEPKDSHG  286
NTDB id 1398 DSB67 RS00645 WP 029388870.1    QNLQGAFALRGEV...DFSHVAIVDDVVTTGSTVRQLCHLLLEVGVESIDIYCICRTPAPGSL..  241
NTDB id 33653 UMNK88 RS20775 WP 001308099.1  RNLKNAFRLELPV...QGRHMVIVDDVVTTGSTVAEIAQLLLRNGAATVQVWCLCRTL.......  227
NTDB id 1434 BW25113 RS17685 WP 001333371.1  RNLKNAFRLELPV...QGRHMVIVDDVVTTGSTVAEIAQLLLRNGAAAVQVWCLCRTL.......  227
NTDB id 1458 ASU2 RS11390 WP 005624668.1     RNLKGAFRYTP...NRAYHRVAIIDDVVTTGSTLNAICAELLKQGVQHIQVWTLARA........  225
NTDB id 1374 NTHI RS02640 WP 011272045.1     QNLKNAFSLVVSKNEFPYRRVALVDDVITTGSTLNEISKLLRKLGVEEIQVWGLARA........  228
NTDB id 1348 HI 0434 AAC22093.1              QNLKNAFSLAVSKNEFPYRRVALVDDVITTGSTLNEISKLLRKLGVEEIQVWGLARA........  229
consensus                                     !!**!! * *      ******!!!*!!!!!* **  *!***!*  *******!*
```

X non conserved

X similar

X ≥ 50% conserved