```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1154 A1552VC RS20525 WP 001884047.1  MPQPCTNTRSCPCPLTCQYNAMVTVSPSISIFIHSANWQDEAHYPDSWLAMLTHWLRKTTAPLLTPECHLCRLALDTNS.   79
NTDB id 1398 DSB67 RS00645 WP 029388870.1    ..................................................MLSHQWQNIMHRVLSSQCGLCRFPIPHRQT   30
NTDB id 99709 AL511 RS12465 WP 032710512.1   ..............................................................MLTAHSLCWLCQMPLAMAH.   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                                                                                                   *       ! *!* ** **

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NTDB id 1154 A1552VC RS20525 WP 001884047.1  ..PFGVCSACQAWLEH.GYRCARCGLPTLT....PVDQCGQCLGQPPPWRKLMCVGDYRFPLSDAVHQLKYQRQFWQAPR  152
NTDB id 1398 DSB67 RS00645 WP 029388870.1    PNLMRWCDSCFDHLTP.IERCMRCGLKMTEEESQAATECGECLKEPPPWRRLYTLGDYDFPLSQQVQRFKDHGEVWHVGA  109
NTDB id 99709 AL511 RS12465 WP 032710512.1   ...WGMCSRCTASLLVTPSLCPQCGLPALA....PALPCGRCLQKPPPWQRLVTVNSYAPPLSGLVHQFKFARHPELSAA   92
NTDB id 1434 BW25113 RS17685 WP 001333371.1  ...WGICSVCSRATRTDKTLCPQCGLPATH....SHLPCGRCLQKPPPWQRLVTVADYAPPLSPLIHQLKFSRRSEIASA   92
NTDB id 1458 ASU2 RS11390 WP 005624668.1     ...HTICSSCYRKIEK.SCYCGCCGALLPE....NQLYCGNCLRNEPKWHRIVQIAYYKPPLSDWIHRFKFQDQFWLDQG   91
NTDB id 1374 NTHI RS02640 WP 011272045.1     ...NGLCSGCQKQIKS.FPYCGHCGAELQY....YAQHCGNCLKQEPSWDKMVIIGHYIEPLSILIHRFKFQNQFWIDRT   91
NTDB id 1348 HI 0434 AAC22093.1              ...NGLCSGCQKQIKS.FPYCGHCGSELQY....YAQHCGNCLKQEPSWDKMVIIGHYIEPLSILIQRFKFQNQFWIDRT   92
consensus                                        **!* ! * *      !* !!* *       *  !!*!!***!*! *** ** !  !!! *****!** ****  *

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NTDB id 1154 A1552VC RS20525 WP 001884047.1  LAKLLATQIN........EPAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQLFARRRATPHQQGLSKAQRI  224
NTDB id 1398 DSB67 RS00645 WP 029388870.1    LTQLLAERVE........QPAPVITSVPVHWQRLLKRGFNQSHILAKHLAHHLDVRYENKVFKRVKNVQSQRGNKKASRE  181
NTDB id 99709 AL511 RS12465 WP 032710512.1   LARLLLLRL...RLNCGLPPVDRIVSVPLWQRRHWRRGFNQSEALCRPLARWMGCAWRGDALTRSRRTATQHQLSARLRK  169
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                                    !**!! * *  ****  * *** ***!!**  ! **!!*!!***! * !**** * **  ***!** * *!****** !*

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NTDB id 1154 A1552VC RS20525 WP 001884047.1  HNLRDAFVLNHPPN...QPHVAIVDDVVTTGSTIRHLCDLLLDVGVQSIDIYCICRTPEPKDSHG  286
NTDB id 1398 DSB67 RS00645 WP 029388870.1    QNLQGAFALRGEVD...FSHVAIVDDVVTTGSTVRQLCHLLLEVGVESIDIYCICRTPAPGSL..  241
NTDB id 99709 AL511 RS12465 WP 032710512.1   QNLKNAFQVELSVR...GLHIAIVDDVVTTGSTVAEISRLLLRNGAATVQVWCLCRTL.......  224
NTDB id 1434 BW25113 RS17685 WP 001333371.1  RNLKNAFRLELPVQ...GRHMVIVDDVVTTGSTVAEIAQLLLRNGAAAVQVWCLCRTL.......  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