```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1      MMITMTRIKMNSAISMIRAFTLLESLLVLLIVSFITLFFSAELTQTVHLFKGELFVLQFENLYKISQENAALQSSPENLGSKNGK   85
NTDB id 397 FSA28 RS09390 WP 002263438.1    .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEY   72
NTDB id 388 SMU RS09020 WP 002263438.1      .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEY   72
NTDB id 156073 RN86 RS04165 WP 069097080.1  ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISNQE   81
NTDB id 432 SGO RS09405 WP 012130939.1      ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISSQE   81
NTDB id 503 SM12261 RS00960 WP 029689647.1  .....MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGKT   80
NTDB id 531 SMSK321 RS09225 WP 000588032.1  ...............MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQT   70
NTDB id 163 SP RS10365 WP 000588028.1       ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQT   70
NTDB id 273 KZH43 RS09250 WP 000588026.1    ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
NTDB id 232 SPD RS09880 WP 000588026.1      ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
NTDB id 198 SPR RS09415 WP 000588026.1      ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
consensus                                                   *!*!!!**!!!**!***!***!**!*****!* ******!***!!**!***!***********!*****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1      LIYENKEIDIPKEVEMVE.FLIKFDEKGENSSLQKIKVYLPYEKKTILYQMEMGSGKYKKKIN...   147
NTDB id 397 FSA28 RS09390 WP 002263438.1    ISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVF.QTSDEKRVTYQLYIGSGQYKKTES...   134
NTDB id 388 SMU RS09020 WP 002263438.1      ISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVF.QTSDEKRVTYQLYIGSGQYKKTES...   134
NTDB id 156073 RN86 RS04165 WP 069097080.1  ISNGYARLPIPKGIQTPESTQIYFDKAGGNSSLSKVQF.QTKE.GLVTYQLYIGNGKFKKTTN...   142
NTDB id 432 SGO RS09405 WP 012130939.1      ISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQF.QTKE.GLVTYQLYIGNGKFKKTTN...   142
NTDB id 503 SM12261 RS00960 WP 029689647.1  ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKD   144
NTDB id 531 SMSK321 RS09225 WP 000588032.1  ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTGK.GTIRYQLYLGNGKIKRIKETKN   134
NTDB id 163 SP RS10365 WP 000588028.1       LSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 273 KZH43 RS09250 WP 000588026.1    ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 232 SPD RS09880 WP 000588026.1      ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 198 SPR RS09415 WP 000588026.1      ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
consensus                                   ******** *!!***********!!**!*!!!!*!*** **** * **!!***!*!**!******
```

X non conserved

X similar

X ≥ 50% conserved