```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1        MMITMTRIKMNSAISMIRAFTLLESLLVLLIVSFITLFFSAELTQTVHLFKGELFVLQFENLYKISQENAALQSSPENLG   80
NTDB id 397 FSA28 RS09390 WP 002263438.1      .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLI   67
NTDB id 388 SMU RS09020 WP 002263438.1        .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLI   67
NTDB id 1127524 FGL12 RS09805 WP 012130939.1  ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLE   76
NTDB id 432 SGO RS09405 WP 012130939.1        ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLE   76
NTDB id 503 SM12261 RS00960 WP 029689647.1    .....MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   75
NTDB id 531 SMSK321 RS09225 WP 000588032.1    ...............MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   65
NTDB id 163 SP RS10365 WP 000588028.1         ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   65
NTDB id 273 KZH43 RS09250 WP 000588026.1      ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   65
NTDB id 232 SPD RS09880 WP 000588026.1        ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   65
NTDB id 198 SPR RS09415 WP 000588026.1        ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN   65
consensus                                                     *!*!!!**!!!**!***!***!**!*****!* ******!***!!**!***!************!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1        SKNGKLIYENKEIDIPKEVEMV.EFLIKFDEKGENSSLQKIKVYLPYEKKTILYQMEMGSGKYKKKIN...   147
NTDB id 397 FSA28 RS09390 WP 002263438.1      LKSEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVF.QTSDEKRVTYQLYIGSGQYKKTES...   134
NTDB id 388 SMU RS09020 WP 002263438.1        LKSEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVF.QTSDEKRVTYQLYIGSGQYKKTES...   134
NTDB id 1127524 FGL12 RS09805 WP 012130939.1  ISSQEISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQF.QTKE.GLVTYQLYIGNGKFKKTTN...   142
NTDB id 432 SGO RS09405 WP 012130939.1        ISSQEISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQF.QTKE.GLVTYQLYIGNGKFKKTTN...   142
NTDB id 503 SM12261 RS00960 WP 029689647.1    LDGKTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKD   144
NTDB id 531 SMSK321 RS09225 WP 000588032.1    LDGQTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTGK.GTIRYQLYLGNGKIKRIKETKN   134
NTDB id 163 SP RS10365 WP 000588028.1         LDGQTLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 273 KZH43 RS09250 WP 000588026.1      LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 232 SPD RS09880 WP 000588026.1        LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
NTDB id 198 SPR RS09415 WP 000588026.1        LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEF.QTSK.GAIRYQLYLGNGKIKRIKETKN   134
consensus                                     **** ******** *!!***********!!**!*!!!!*!*** **** * **!!***!*!**!******
```

X non conserved

X similar

X $\geq$ 50% conserved