```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1        ..MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEIS    78
NTDB id 531 SMSK321 RS09225 WP 000588032.1    .............MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    67
NTDB id 503 SM12261 RS00960 WP 029689647.1    ...MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    77
NTDB id 273 KZH43 RS09250 WP 000588026.1      .............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    67
NTDB id 232 SPD RS09880 WP 000588026.1        .............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    67
NTDB id 198 SPR RS09415 WP 000588026.1        .............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    67
NTDB id 163 SP RS10365 WP 000588028.1         .............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLD    67
NTDB id 293507 DLJ52 RS00905 WP 254051091.1  MIITRNIRKVATFRTRAFTLIESLLVLAITSFLLLSFTGGVQQIFTGVQEKLFFLSFEHLYQDSQKLSNAQQKELTLRIA    80
NTDB id 397 FSA28 RS09390 WP 002263438.1      ...........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILK    69
NTDB id 388 SMU RS09020 WP 002263438.1        ...........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILK    69
consensus                                                 ***!!!**!!!**!***!***!*********!*******!!**!!**!***!!*!********!***

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1        SQEISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQTKE.GLVTYQLYIGNGKFKKTTN...    142
NTDB id 531 SMSK321 RS09225 WP 000588032.1    GQTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTGK.GTIRYQLYLGNGKIKRIKETKN    134
NTDB id 503 SM12261 RS00960 WP 029689647.1    GKTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKD    144
NTDB id 273 KZH43 RS09250 WP 000588026.1      GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 232 SPD RS09880 WP 000588026.1        GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 198 SPR RS09415 WP 000588026.1        GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 163 SP RS10365 WP 000588028.1         GQTLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 293507 DLJ52 RS00905 WP 254051091.1  DGQVTNGQESLSIPDSVRPNQTYSIEFSPAGGNSSLEKLTFTTKD.GSVSYQLYIGSGRYKKTEN...    144
NTDB id 397 FSA28 RS09390 WP 002263438.1      SEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES...    134
NTDB id 388 SMU RS09020 WP 002263438.1        SEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES...    134
consensus                                     ** **!!***!**!************!**!!!!!!!*!**!*!** ****!!!!*!*!**!*******
```

X non conserved

X similar

X $\geq$ 50% conserved