```
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 1020958 ABZ559 RS11730 WP 277290537.1   MPILQKMLQVVKYQTKAFTLLESLLTLGVTCFLLLCLSGTVSRTFQKVEETLFFLSFENFYRDTQKLSITKQKSMSLDLS    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          SQEISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQTK.EGLVTYQLYIGNGKFKKTTN.....    142
NTDB id 531 SMSK321 RS09225 WP 000588032.1      GQTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTG.KGTIRYQLYLGNGKIKRIKETKN..    134
NTDB id 503 SM12261 RS00960 WP 029689647.1      GKTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTS.KGAIRYQLYLGNGKIKRIKETKD..    144
NTDB id 273 KZH43 RS09250 WP 000588026.1        GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTS.KGAIRYQLYLGNGKIKRIKETKN..    134
NTDB id 232 SPD RS09880 WP 000588026.1          GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTS.KGAIRYQLYLGNGKIKRIKETKN..    134
NTDB id 198 SPR RS09415 WP 000588026.1          GQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTS.KGAIRYQLYLGNGKIKRIKETKN..    134
NTDB id 163 SP RS10365 WP 000588028.1           GQTLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTS.KGAIRYQLYLGNGKIKRIKETKN..    134
NTDB id 1020958 ABZ559 RS11730 WP 277290537.1   SEKVSNGIGELHLPKTVDFSGQQTVKFDQAGGNSSLSKVTFKTS.EKEVVYQLYLGSGNYKKISKSLHSP    149
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