```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 397 FSA28 RS09390 WP 002263438.1     .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSE    71
NTDB id 388 SMU RS09020 WP 002263438.1       .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSE    71
NTDB id 432 SGO RS09405 WP 012130939.1       MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISSQ    80
NTDB id 503 SM12261 RS00960 WP 029689647.1   .MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGK    79
NTDB id 531 SMSK321 RS09225 WP 000588032.1   ...........MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
NTDB id 273 KZH43 RS09250 WP 000588026.1     ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
NTDB id 232 SPD RS09880 WP 000588026.1       ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
NTDB id 198 SPR RS09415 WP 000588026.1       ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
NTDB id 399441 GJE16 RS09665 WP 000588006.1 ...........MIKAFTMLESLLALSLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
NTDB id 163 SP RS10365 WP 000588028.1        ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ    69
consensus                                                *!!!!!**!!!**!***!***!**!*!***!!*******!!**!!**!***!!*!!*******!*****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 397 FSA28 RS09390 WP 002263438.1     YISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES...    134
NTDB id 388 SMU RS09020 WP 002263438.1       YISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES...    134
NTDB id 432 SGO RS09405 WP 012130939.1       EISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQTKE.GLVTYQLYIGNGKFKKTTN...    142
NTDB id 503 SM12261 RS00960 WP 029689647.1   TISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKD    144
NTDB id 531 SMSK321 RS09225 WP 000588032.1   TISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTGK.GTIRYQLYLGNGKIKRIKETKN    134
NTDB id 273 KZH43 RS09250 WP 000588026.1     MISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 232 SPD RS09880 WP 000588026.1       MISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 198 SPR RS09415 WP 000588026.1       MISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 399441 GJE16 RS09665 WP 000588006.1 TLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
NTDB id 163 SP RS10365 WP 000588028.1        TLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN    134
consensus                                     *!!!***!**!!************!!*!!!!!!!*!**!!!** ****!!!!*!*!**!*******
```

X non conserved

X similar

X $\geq$ 50% conserved