```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1          MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISSQ   80
NTDB id 531 SMSK321 RS09225 WP 000588032.1      ...........MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ   69
NTDB id 503 SM12261 RS00960 WP 029689647.1      .MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGK   79
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 163 SP RS10365 WP 000588028.1           ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQ   69
NTDB id 109588 ACGHT2 RS00755 WP 058692630.1   .....MKLKNKTVSAFTLLESLLTLGISCFIIMMLSGSLNGIFQNVEEKIFFLSFENLYCDTQKLANARQQSLTLTVSQE   75
NTDB id 397 FSA28 RS09390 WP 002263438.1        .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSE   71
NTDB id 388 SMU RS09020 WP 002263438.1          .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSE   71
consensus                                                   ***!!!**!!!**!**********!*!****!  ******!!**!!**!***!!**********!*****

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1          EISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQTKE.GLVTYQLYIGNGKFKKTTN......   142
NTDB id 531 SMSK321 RS09225 WP 000588032.1      TISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTGK.GTIRYQLYLGNGKIKRIKETKN...   134
NTDB id 503 SM12261 RS00960 WP 029689647.1      TISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKD...   144
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 163 SP RS10365 WP 000588028.1           TLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN...   134
NTDB id 109588 ACGHT2 RS00755 WP 058692630.1   EVSTDFSAVKLPPSVKVDKTYQVNFDKAGGNSSLAKLTFQTSD.KEFNYQLYLGSGKYKKTETKSLHTP   143
NTDB id 397 FSA28 RS09390 WP 002263438.1        YISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES......   134
NTDB id 388 SMU RS09020 WP 002263438.1          YISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES......   134
consensus                                        *!********!************!!*!!!!!!!*!**!!!** ****!!!!*!*!**!*******
```

X non conserved

X similar

X ≥ 50% conserved