```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1      MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISSQEISNG   85
NTDB id 531 SMSK321 RS09225 WP 000588032.1  ...........MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQTISNG   74
NTDB id 503 SM12261 RS00960 WP 029689647.1  .MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGKTISNG   84
NTDB id 273 KZH43 RS09250 WP 000588026.1    ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQMISNG   74
NTDB id 232 SPD RS09880 WP 000588026.1      ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQMISNG   74
NTDB id 198 SPR RS09415 WP 000588026.1      ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQMISNG   74
NTDB id 163 SP RS10365 WP 000588028.1       ...........MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQTLSNG   74
NTDB id 41050 SGPB RS00620 WP 003062922.1   .....MKLKNKTVSAFTLLESLLTLGIACFIIMMLSGSLNGIFQNVEEKIFFLSFENLYCDTQKLANARQQSFTLTVSQEEVSTD   80
NTDB id 397 FSA28 RS09390 WP 002263438.1    .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEYISNG   76
NTDB id 388 SMU RS09020 WP 002263438.1      .........MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEYISNG   76
consensus                                              ***!!!**!!!**!**********!*!****! ******!!**!!**!***!!**********!***** *!**

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 432 SGO RS09405 WP 012130939.1      YARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQTKE.GLVTYQLYIGNGKFKKTTN......   142
NTDB id 531 SMSK321 RS09225 WP 000588032.1  SQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTGK.GTIRYQLYLGNGKIKRIKETKN...   134
NTDB id 503 SM12261 RS00960 WP 029689647.1  SQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKD...   144
NTDB id 273 KZH43 RS09250 WP 000588026.1    SQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN...   134
NTDB id 232 SPD RS09880 WP 000588026.1      SQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN...   134
NTDB id 198 SPR RS09415 WP 000588026.1      SQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN...   134
NTDB id 163 SP RS10365 WP 000588028.1       SQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQTSK.GAIRYQLYLGNGKIKRIKETKN...   134
NTDB id 41050 SGPB RS00620 WP 003062922.1   FSAVKLPPSVKVDKTYQVNFDKAGGNSSLAKLAFQTSD.KEFNYQLYLGSGKYKKTETKSLHTP   143
NTDB id 397 FSA28 RS09390 WP 002263438.1    VEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES......   134
NTDB id 388 SMU RS09020 WP 002263438.1      VEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQTSDEKRVTYQLYIGSGQYKKTES......   134
consensus                                   ******!************!!*!!!!!!!*!**!!!** ****!!!!*!*!**!*******
```

X non conserved

X similar

X $\geq$ 50% conserved