```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1      MMITMTRIKMNSAISMIRAFTLLESLLVLLIVSFITLFFSAELTQTVHLFKGELFVLQFENLYKISQENAALQSSPENLGSKNGK   85
NTDB id 432 SGO RS09405 WP 012130939.1      ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLEISSQE   81
NTDB id 531 SMSK321 RS09225 WP 000588032.1  ................MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQT   70
NTDB id 503 SM12261 RS00960 WP 029689647.1  .....MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGKT   80
NTDB id 273 KZH43 RS09250 WP 000588026.1    ................MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
NTDB id 232 SPD RS09880 WP 000588026.1      ................MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
NTDB id 198 SPR RS09415 WP 000588026.1      ................MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQM   70
NTDB id 163 SP RS10365 WP 000588028.1       ................MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLNLDGQT   70
NTDB id 178274 V471 RS01985 WP 014632541.1  ....MRNMVAKAAQWPIRAFTLLESLVTLAVVAFLTLSLSGSVTGIFQQVETNLFYLRFEYLYRDSQRLAAAEGSNVELQLSKDK   81
NTDB id 397 FSA28 RS09390 WP 002263438.1    .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEY   72
NTDB id 388 SMU RS09020 WP 002263438.1      .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLILKSEY   72
consensus                                                *!*!!!**!!!**!*******!**!******* ******!***!!**!***!***********!*****
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1      LIYENKEIDIPKEVEMV.EFLIKFDEKGENSSLQKIKVYLPYEKKTILYQMEMGSGKYKKKIN...   147
NTDB id 432 SGO RS09405 WP 012130939.1      ISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQ.T.KEGLVTYQLYIGNGKFKKTTN...   142
NTDB id 531 SMSK321 RS09225 WP 000588032.1  ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.GKGTIRYQLYLGNGKIKRIKETKN   134
NTDB id 503 SM12261 RS00960 WP 029689647.1  ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKD   144
NTDB id 273 KZH43 RS09250 WP 000588026.1    ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN   134
NTDB id 232 SPD RS09880 WP 000588026.1      ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN   134
NTDB id 198 SPR RS09415 WP 000588026.1      ISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN   134
NTDB id 163 SP RS10365 WP 000588028.1       LSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN   134
NTDB id 178274 V471 RS01985 WP 014632541.1  ISNGKSSLVIPKNIHLDKGQTLVFDAKGGNSSLTKIRFS.S.DKEVVTYQLNMGSGKYKKTVS...   142
NTDB id 397 FSA28 RS09390 WP 002263438.1    ISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQ.TSDEKRVTYQLYIGSGQYKKTES...   134
NTDB id 388 SMU RS09020 WP 002263438.1      ISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQ.TSDEKRVTYQLYIGSGQYKKTES...   134
consensus                                   ******** *!!***********!!**!*!!!!*!**** *   ** **!!***!*!**!******
```

X non conserved

X similar

X ≥ 50% conserved