```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1        MMITMTRIKMNSAISMIRAFTLLESLLVLLIVSFITLFFSAELTQTVHLFKGELFVLQFENLYKISQENAALQSSPENLG    80
NTDB id 432 SGO RS09405 WP 012130939.1        ....MVRTIVRLRQLPIKAFTVLESLLVLMISSFILLALSSSVQATFEQIQAKIFFLEFEHFYQESQKLSVSSQRKLVLE    76
NTDB id 531 SMSK321 RS09225 WP 000588032.1    ...............MIKAFTMLESLLVLGLVSIVALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    65
NTDB id 503 SM12261 RS00960 WP 029689647.1    .....MLNKIPVKPLQIKAFTMLESLLVLGLVSILALGLSGSVQSTFAAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    75
NTDB id 273 KZH43 RS09250 WP 000588026.1      ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    65
NTDB id 232 SPD RS09880 WP 000588026.1        ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    65
NTDB id 198 SPR RS09415 WP 000588026.1        ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    65
NTDB id 163 SP RS10365 WP 000588028.1         ...............MIKAFTMLESLLVLGLVSILALGLSGSVQSTFSAVEEQIFFMEFEELYRETQKRSVASQQKTSLN    65
NTDB id 1119916 EL076 RS09125 WP 253665936.1  ....MRNMVAKAAQWPIRAFTLLESLVTLAVVAFLTLSLSGSVTGIFQQVETNLFYLRFEYLYRDSQRLAAAKGANVELQ    76
NTDB id 397 FSA28 RS09390 WP 002263438.1      .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLI    67
NTDB id 388 SMU RS09020 WP 002263438.1        .............MSRIKAFTLIESLVTLAITSFLILSFSGSITQTFAKVEERLFFLSFEHLYRDTQKLSVYQRQDMTLI    67
consensus                                                   *!*!!!**!!!**!*******!**!******* ******!***!!*!***!************!*
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 589 KW2 RS10840 WP 096816401.1        SKNGKLIYENKEIDIPKEVEMV.EFLIKFDEKGENSSLQKIKVYLPYEKKTILYQMEMGSGKYKKKIN...    147
NTDB id 432 SGO RS09405 WP 012130939.1        ISSQEISNGYARLPIPKGIQAPESTQIYFDKAGGNSSLSKVQFQ.T.KEGLVTYQLYIGNGKFKKTTN...    142
NTDB id 531 SMSK321 RS09225 WP 000588032.1    LDGQTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.GKGTIRYQLYLGNGKIKRIKETKN    134
NTDB id 503 SM12261 RS00960 WP 029689647.1    LDGKTISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKD    144
NTDB id 273 KZH43 RS09250 WP 000588026.1      LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN    134
NTDB id 232 SPD RS09880 WP 000588026.1        LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN    134
NTDB id 198 SPR RS09415 WP 000588026.1        LDGQMISNGSQKLTVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN    134
NTDB id 163 SP RS10365 WP 000588028.1         LDGQTLSNGSQKLPVPKGIQAPSGQSITFDRAGGNSSLAKVEFQ.T.SKGAIRYQLYLGNGKIKRIKETKN    134
NTDB id 1119916 EL076 RS09125 WP 253665936.1  LTKDKISNGKSSLVIPKNIHLDKGQTLVFNAKGGNSSLTKIRFS.S.DKEVVTYQLNMGSGKYKKTVS...    142
NTDB id 397 FSA28 RS09390 WP 002263438.1      LKSEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQ.TSDEKRVTYQLYIGSGQYKKTES...    134
NTDB id 388 SMU RS09020 WP 002263438.1        LKSEYISNGVEVLKIPKDVKLERNKTLHFDQAGGNSSLEKLVFQ.TSDEKRVTYQLYIGSGQYKKTES...    134
consensus                                     **** ******** *!!***********!***!*!!!!*!**** *  ** **!!***!*!**!******
```

X non conserved

X similar

X $\geq$ 50% conserved