```
logo
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTP.VKETNLQAEVVAISKDSS.......TEKDVKKEEKEEPVEQ   71
NTDB id 493 SM12261 RS04300 WP 000387351.1    .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVVAVSKDSV.......SEKEVKKEEKEEPLEQ   71
NTDB id 153 SP RS04730 WP 000387344.1         .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVAAVSKDSS.......TEKEVKKEEKEEPLEQ   71
NTDB id 263 KZH43 RS04195 WP 000387330.1      .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
NTDB id 222 SPD RS04535 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
NTDB id 188 SPR RS04295 WP 000387330.1        .MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPQTP.VKETNLQAEVAAVSKDLV.......SEKEVNKEEKEEPLEQ   71
NTDB id 168750 AWB63 RS07515 WP 022496133.1   MKEKIIAYVKDNRLFVSVIALLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKDK   80
NTDB id 300 STER RS07485 WP 011681496.1       MKEKILAYVKDNRLFVSVIAVLMVIFCFFLWMTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKVK   80
consensus                                      *!*!****!*****!*********!!!******** *********! !*!***        *!**************

logo
NTDB id 521 SMSK321 RS04960 WP 000443804.1    DLITVDVKGAVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQ.HTGSG.....A   145
NTDB id 493 SM12261 RS04300 WP 000387351.1    DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQ.QAGPG.....T   145
NTDB id 153 SP RS04730 WP 000387344.1         DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGSG.....T   145
NTDB id 263 KZH43 RS04195 WP 000387330.1      DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLG.....T   145
NTDB id 222 SPD RS04535 WP 000387330.1        DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLG.....T   145
NTDB id 188 SPR RS04295 WP 000387330.1        DLITVDVKGAVKSPGIYDLPVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQ.QTGLG.....T   145
NTDB id 168750 AWB63 RS07515 WP 022496133.1   SKVTVDVKGAVANPGVYTLKASARVTDAIKAAGGMTEDADAKSVNLAASLSDEEVVYVATKDENLSVLGQSGTGQVSDKG   160
NTDB id 300 STER RS07485 WP 011681496.1       SKVTVDVKGAVVNPGVYTLKAGARVTDVIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDKG   160
consensus                                     ***!!!!!!!!**!!*!*!****!!*!****!!!*!!*!!*!!*!!!***!!!***!!**!*!** ** **!  !      *

logo
NTDB id 521 SMSK321 RS04960 WP 000443804.1    PSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1    ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1         ASSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1      ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1        ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1        ASSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD   216
NTDB id 168750 AWB63 RS07515 WP 022496133.1   GQTSAKDGKINLNTATSEELQTISGIGAKRAEDIIAYRESHGGFQSVDDLKNVSGIGDKTLEKIRESLYVA   231
NTDB id 300 STER RS07485 WP 011681496.1       GQAVSKDGKINLNTATSEQLQTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA   231
consensus                                     ***  *!**!*!!!*!**!*!****!*!*!!!*!*!**!!**!*!*!!!*!!*!!!!!*!!**!******!*
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X non conserved

X similar

X $\geq$ 50% conserved