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logo

NTDB id 613 LCA RS05340 WP 231952379.1          ..MMWQDYWQRYRR.FWWVPCLVLLGIIAGGFYWHQ.SQQKQKVTQNEQLL...A..TSASKTKPATKKTHQAATKKKGG   71
NTDB id 521 SMSK321 RS04960 WP 000443804.1      ....MESIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLI   74
NTDB id 493 SM12261 RS04300 WP 000387351.1      ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVVAVSKDSVSEKEVKKEEKEEPLEQDLI   74
NTDB id 153 SP RS04730 WP 000387344.1           ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDSSTEKEVKKEEKEEPLEQDLI   74
NTDB id 263 KZH43 RS04195 WP 000387330.1        ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLI   74
NTDB id 222 SPD RS04535 WP 000387330.1          ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLI   74
NTDB id 188 SPR RS04295 WP 000387330.1          ....MEAIIEKIKEYKIIVICTGLGLLVGG..FFLLKPAPQTPVKETNLQAEVAAVSKDLVSEKEVNKEEKEEPLEQDLI   74
NTDB id 1103800 ACNM7T RS12455 WP 043021637.1  MTKAMMTERLRRN.LKILGACLAAGAVFIC..IWLFRSEKEEPVKQQSVLG..........QTA.SASVADKKDTAADKI   66
NTDB id 105 BSU 25590 NP 390437.1               ......MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQAVPTE..........TENTVVKQEANNDESNETI   62
consensus                                           **************************   ***********!********* *****  ***** *************

logo

NTDB id 613 LCA RS05340 WP 231952379.1          FVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSE   151
NTDB id 521 SMSK321 RS04960 WP 000443804.1      TVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQH.............   140
NTDB id 493 SM12261 RS04300 WP 000387351.1      TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQ.............   140
NTDB id 153 SP RS04730 WP 000387344.1           TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.............   140
NTDB id 263 KZH43 RS04195 WP 000387330.1        TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.............   140
NTDB id 222 SPD RS04535 WP 000387330.1          TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.............   140
NTDB id 188 SPR RS04295 WP 000387330.1          TVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.............   140
NTDB id 1103800 ACNM7T RS12455 WP 043021637.1  MIDVKGAVRNPGVYEMKAG.DRVTQAIEKAGGLKKKADELNVNLAEQLQDGTIVYIPSEGEEENRPK.............   132
NTDB id 105 BSU 25590 NP 390437.1               VIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQ.............   128
consensus                                       **!*!!!!**!!*!***** *!********!!!****!!****!!!****!****!*!**!!** ***

logo

NTDB id 613 LCA RS05340 WP 231952379.1          RTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQ   231
NTDB id 521 SMSK321 RS04960 WP 000443804.1      .......TGSGAPSS.TSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY   212
NTDB id 493 SM12261 RS04300 WP 000387351.1      .......AGPGTASS.TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY   212
NTDB id 153 SP RS04730 WP 000387344.1           .......TGSGTASS.TSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY   212
NTDB id 263 KZH43 RS04195 WP 000387330.1        .......TGLGTASS.ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY   212
NTDB id 222 SPD RS04535 WP 000387330.1          .......TGLGTASS.ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY   212
NTDB id 188 SPR RS04295 WP 000387330.1          .......TGLGTASS.ISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY   212
NTDB id 1103800 ACNM7T RS12455 WP 043021637.1  .......TAAG.....EKENAAVNINTASLDELQAISGVGQKKAEAIIAYREENGRFQTAEDLMNVSGFGEKSFERIKTS   200
NTDB id 105 BSU 25590 NP 390437.1               .......GGGGSVQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSS   201
consensus                                            ** *****  ********!*!****!****!*!***!**!!**!***!*!********!*!*!*!**!*****

logo

NTDB id 613 LCA RS05340 WP 231952379.1          ICVN   235
NTDB id 521 SMSK321 RS04960 WP 000443804.1      VTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1      VTVD   216
NTDB id 153 SP RS04730 WP 000387344.1           VTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1        VTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1          VTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1          VTVD   216
NTDB id 1103800 ACNM7T RS12455 WP 043021637.1  ITVK   204
NTDB id 105 BSU 25590 NP 390437.1               ITVK   205
consensus                                       **!*
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X non conserved
X similar
X $\geq$50% conserved