logo

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NTDB id 36 MW RS08230 WP 001793467.1          MVLLYQFLLRYKDFLTQWKLYIIS.....AVVLIMVLIGF.IFWRQDDYTSRNFENKDNALKQSTSENSSLSKVEDVQVK   74
NTDB id 20 SA RS08005 WP 001802022.1          MVLLYQFLLRYKDFLTQWKLYIIS.....AVVLIMVLIGF.IFWRQDDYTSRNFENKDTALKQSTSENNSLSKLEDVQVK   74
NTDB id 613 LCA RS05340 WP 231952379.1        ...........MMWQDYWQRYRRFWWVPCLVLLGIIAGG..FYWHQSQQKQKVTQN..EQLL.....ATSASKTKPATKK   60
NTDB id 521 SMSK321 RS04960 WP 000443804.1    .......MESII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPHTPVKET..NLQAEVVAISKDSSTEKDVKKE   63
NTDB id 493 SM12261 RS04300 WP 000387351.1    .......MEAII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPQTPVKET..NLQAEVVAVSKDSVSEKEVKKE   63
NTDB id 153 SP RS04730 WP 000387344.1         .......MEAII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPQTPVKET..NLQAEVAAVSKDSSTEKEVKKE   63
NTDB id 263 KZH43 RS04195 WP 000387330.1      .......MEAII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPQTPVKET..NLQAEVAAVSKDLVSEKEVNKE   63
NTDB id 222 SPD RS04535 WP 000387330.1        .......MEAII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPQTPVKET..NLQAEVAAVSKDLVSEKEVNKE   63
NTDB id 188 SPR RS04295 WP 000387330.1        .......MEAII...EKIKEYKII..VICTG.LGLLVGG..FFLLKPAPQTPVKET..NLQAEVAAVSKDLVSEKEVNKE   63
NTDB id 373201 FOG69 RS12500 WP 014470701.1  .......MTKVMMTERQRQYLKIL..GVCLA.AGAVLICI..LLFRSEKEEPVKQQ..SVLG..........QT.ASAPV   55
NTDB id 105 BSU 25590 NP 390437.1            ...........MNWLNQHKKAII.....LAA.SAAVFTAIMIFLATGKNKEPVKQA..VPTE..........TENTVVKQ   51
consensus                                            ** **   *********  ***** *******  ******** ******  ****** *****  ***** **
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NTDB id 36 MW RS08230 WP 001793467.1          DGDNSKNKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLEDADVSQINLSEKLTDQKMIFIPHKGQKNVEPQIG  152
NTDB id 20 SA RS08005 WP 001802022.1          DGDNSKNKGPVYVDVKGAVKHPNVYKMTSK.DRVVDLLDKAQ.LLDDADVSRINLSEKLTDQKMIFIPHKGQKNVEPQIE  152
NTDB id 613 LCA RS05340 WP 231952379.1        THQAATKKKGGFVDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELI  140
NTDB id 521 SMSK321 RS04960 WP 000443804.1    EKEEPVEQDLITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEESASQH..  140
NTDB id 493 SM12261 RS04300 WP 000387351.1    EKEEPLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEEAASQQ..  140
NTDB id 153 SP RS04730 WP 000387344.1         EKEEPLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEEAVSQQ..  140
NTDB id 263 KZH43 RS04195 WP 000387330.1      EKEEPLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEEAVSQQ..  140
NTDB id 222 SPD RS04535 WP 000387330.1        EKEEPLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEEAVSQQ..  140
NTDB id 188 SPR RS04295 WP 000387330.1        EKEEPLEQDLITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYYVPTKGEEAVSQQ..  140
NTDB id 373201 FOG69 RS12500 WP 014470701.1  TDKKDTADDKIMIDIKGAVRHPGVYEMKAG.DRVTQAIKKAGGLKEKADELNVNLAEQLQDGTIVYIPSEGEEANPPK..  132
NTDB id 105 BSU 25590 NP 390437.1            EANNDESNETIVIDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQ..  128
consensus                                     *************!*!!!!!**!**!** ** *!*******!******!!****!!*****!******!**!*******
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NTDB id 36 MW RS08230 WP 001793467.1          VNS..................VHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGF  214
NTDB id 20 SA RS08005 WP 001802022.1          VNS..................VHVKNGNTNNTKVNLNTASVSELMSVPGVGQAKANAIVEYRNQQGAFQEIDDLKKVKGF  214
NTDB id 613 LCA RS05340 WP 231952379.1        QAPQQIATTSERTQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGI  220
NTDB id 521 SMSK321 RS04960 WP 000443804.1    ..................TGSGAPSST.SKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 493 SM12261 RS04300 WP 000387351.1    ..................AGPGTASST.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 153 SP RS04730 WP 000387344.1         ..................TGSGTASST.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 263 KZH43 RS04195 WP 000387330.1      ..................TGLGTASSI.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 222 SPD RS04535 WP 000387330.1        ..................TGLGTASSI.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 188 SPR RS04295 WP 000387330.1        ..................TGLGTASSI.SKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGI  201
NTDB id 373201 FOG69 RS12500 WP 014470701.1  ..................TAAGE.....KENASVNINTASLDELQAIPGVGQKKAEAIIAYREENGRFQTAEDLMNVSGF  189
NTDB id 105 BSU 25590 NP 390437.1            ..................GGGGSVQSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGI  190
consensus                                                       ** ** **  ********!*!****!****!*!***!**!***!***!*!********!*!*
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NTDB id 36 MW RS08230 WP 001793467.1          GSKTFDKLKSYFTI.   228
NTDB id 20 SA RS08005 WP 001802022.1          GSKTFDKLKSYFTI.   228
NTDB id 613 LCA RS05340 WP 231952379.1        GPKTFEQLQSQICVN   235
NTDB id 521 SMSK321 RS04960 WP 000443804.1    GAKTIEKLKDYVTVD   216
NTDB id 493 SM12261 RS04300 WP 000387351.1    GAKTIEKLKDYVTVD   216
NTDB id 153 SP RS04730 WP 000387344.1         GGKTIEKLKDYVTVD   216
NTDB id 263 KZH43 RS04195 WP 000387330.1      GGKTIEKLKDYVTVD   216
NTDB id 222 SPD RS04535 WP 000387330.1        GGKTIEKLKDYVTVD   216
NTDB id 188 SPR RS04295 WP 000387330.1        GGKTIEKLKDYVTVD   216
NTDB id 373201 FOG69 RS12500 WP 014470701.1   GEKSFERIKTSITVK   204
NTDB id 105 BSU 25590 NP 390437.1             GEKSFEKIKSSITVK   205
consensus                                     !*!**********
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X non conserved

X similar

X $\geq$ 50% conserved