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logo

NTDB id 613 LCA RS05340 WP 231952379.1      MMWQDYWQRYRRFWWV.PCLVLLGIIAGGFYWH.QSQQKQKVT....QNEQLLATSA..SKTKPATKKTHQAATKKKGGF  72
NTDB id 105 BSU 25590 NP 390437.1           .....MNWLNQHKKATILAASAAVFTAIMIFLATGKNKEPVKQAVP...........TETENTVVKQEANNDESNETIV  63
NTDB id 595 KW2 RS08725 WP 021037687.1      ..MEKILDKLKEYWKIMLVV.CALIAGG.IFYIFTNSPKPAETLSVEN...LSSS..STKSSVSKFNSSSSEKNKNEIM  71
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ..MESIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPHTPVKETNLQAEV.VAISKDSSTEKDVKKEEKEEPVEQDLIT  75
NTDB id 493 SM12261 RS04300 WP 000387351.1  ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.VAVSKDSVSEKEVKKEEKEEPLEQDLIT  75
NTDB id 263 KZH43 RS04195 WP 000387330.1    ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.AAVSKDLVSEKEVNKEEKEEPLEQDLIT  75
NTDB id 222 SPD RS04535 WP 000387330.1      ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.AAVSKDLVSEKEVNKEEKEEPLEQDLIT  75
NTDB id 188 SPR RS04295 WP 000387330.1      ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.AAVSKDLVSEKEVNKEEKEEPLEQDLIT  75
NTDB id 352636 ES276 RS06545 WP 000387346.1 ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.AAVSKDSSTGKEVNKEEKEEPLEQDLIT  75
NTDB id 153 SP RS04730 WP 000387344.1       ..MEAIIEKIKEYKIIVICTG.LGLLVGG.FFLLKPAPQTPVKETNLQAEV.AAVSKDSSTEKEVKKEEKEEPLEQDLIT  75
consensus
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NTDB id 613 LCA RS05340 WP 231952379.1      VDIKGAVVYPGIYPITVSETRLFEVLKNAGGPTDAADTKRLNLAQKLTDQLIIYIPKKGEVVTDQELIQAPQQIATTSER  152
NTDB id 105 BSU 25590 NP 390437.1           IDIKGAVQHPGVYEMRTG.DRVSQAIEKAGGTSEQADEAQVNLAEILQDGTVVYIPKKGEETAVQQGG.............  130
NTDB id 595 KW2 RS08725 WP 021037687.1      VDLKGAVAKPNVYQISSD.ERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVYVPKVGESSSSESTD.............  138
NTDB id 521 SMSK321 RS04960 WP 000443804.1  VDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHTG.............  142
NTDB id 493 SM12261 RS04300 WP 000387351.1  VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAG.............  142
NTDB id 263 KZH43 RS04195 WP 000387330.1    VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG.............  142
NTDB id 222 SPD RS04535 WP 000387330.1      VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG.............  142
NTDB id 188 SPR RS04295 WP 000387330.1      VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG.............  142
NTDB id 352636 ES276 RS06545 WP 000387346.1 VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG.............  142
NTDB id 153 SP RS04730 WP 000387344.1       VDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTG.............  142
consensus
                                            *!*!!!!!**!**!*** ***  *!!*****!!!****!!!****!!*****!*!*!**!!**!*!!!*********

logo

NTDB id 613 LCA RS05340 WP 231952379.1      TQEQASTGTSANASSTSDTAKIDLNQADSTQLQTLNHGIGPKKAEQIIAYRDEQGKFKQIEDLQKVGGIGPKTFEQLQSQI  232
NTDB id 105 BSU 25590 NP 390437.1           ...GGSV......QSDGGKGALVNINTATLEELQGISGVGPSKAEAIIAYREENGRFQTIEDITKVSGIGEKSFEKIKSSI  202
NTDB id 595 KW2 RS08725 WP 021037687.1      ...SPTGSSVSNQISTTSGPKVNINKADLTELQKLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEI  215
NTDB id 521 SMSK321 RS04960 WP 000443804.1  ...SGAP......SSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYV  213
NTDB id 493 SM12261 RS04300 WP 000387351.1  ...PGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYV  213
NTDB id 263 KZH43 RS04195 WP 000387330.1    ...LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYV  213
NTDB id 222 SPD RS04535 WP 000387330.1      ...LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYV  213
NTDB id 188 SPR RS04295 WP 000387330.1      ...LGTA......SSISKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYV  213
NTDB id 352636 ES276 RS06545 WP 000387346.1 ...SGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYV  213
NTDB id 153 SP RS04730 WP 000387344.1       ...SGTA......SSTSKEKKVNLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYV  213
consensus
                                              ***      ***********!*!****!*****!*!***!**!!**!***!*!*******!!*!*!*!**!*****
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logo                                                TVD

NTDB id 613 LCA RS05340 WP 231952379.1       CVN       235
NTDB id 105 BSU 25590 NP 390437.1            TVK       205
NTDB id 595 KW2 RS08725 WP 021037687.1       SID       218
NTDB id 521 SMSK321 RS04960 WP 000443804.1   TVD       216
NTDB id 493 SM12261 RS04300 WP 000387351.1   TVD       216
NTDB id 263 KZH43 RS04195 WP 000387330.1     TVD       216
NTDB id 222 SPD RS04535 WP 000387330.1       TVD       216
NTDB id 188 SPR RS04295 WP 000387330.1       TVD       216
NTDB id 352636 ES276 RS06545 WP 000387346.1  TVD       216
NTDB id 153 SP RS04730 WP 000387344.1        TVD       216
consensus                                    ***
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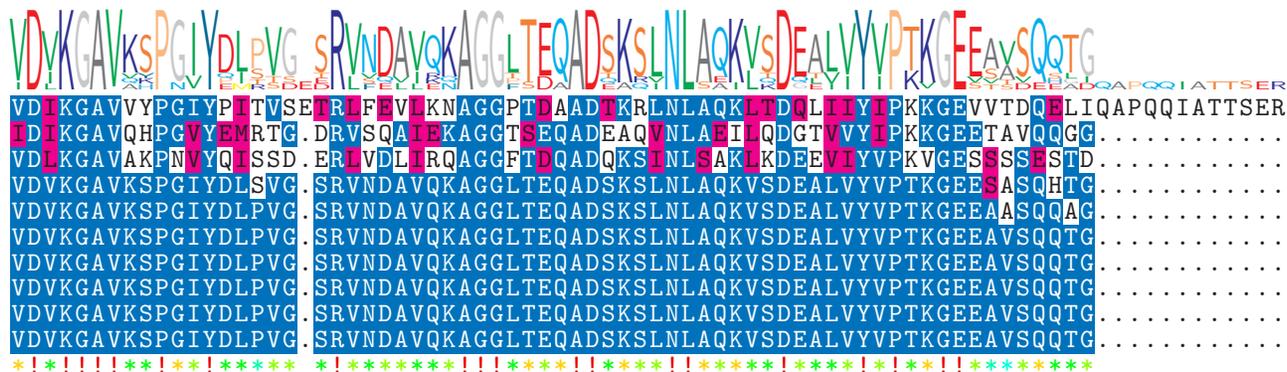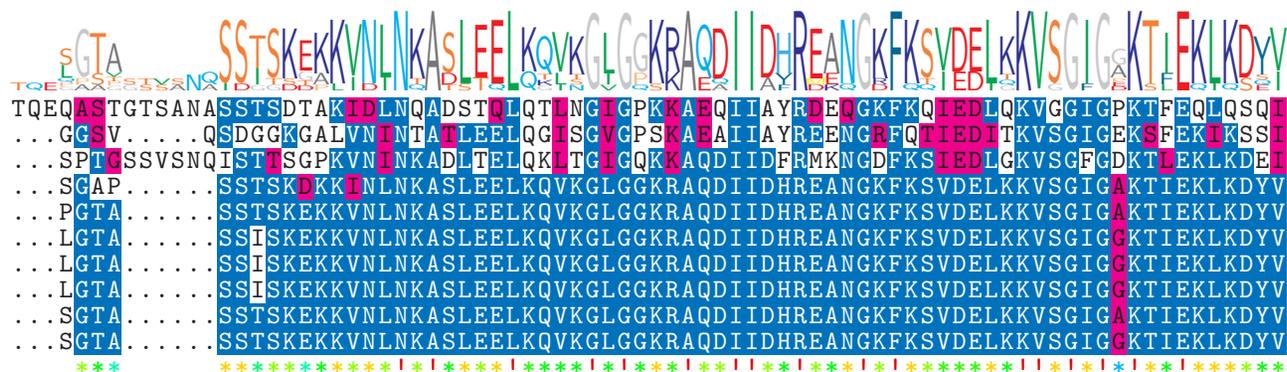
X   non conserved
X   similar
X   ≥ 50% conserved