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logo
NTDB id 1361 HI 0985 AAC22646.1          MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDDVAFRQMGW.GAIQIRRWFK..PEAKFIEPALVWSQKEGNH......   76
NTDB id 25 SA RS06185 WP 000593194.1     .MI.KLFLLKL......YWAH....FSTKQIHQFLMAYPNVIKEEGRKKDSYLCFWVNREENVLLLRKYYAFIKLDHNDIIKELQ   73
NTDB id 599 KW2 RS05940 WP 021037268.1   .MITNFDLFRW......KKAG....MTNLGVNKLLKFFRKYDRKISL.RQ..MGQVAQVKSIPNFIEQ...YKNQDVKKLRADYK   68
NTDB id 407 SMU RS04605 WP 002262865.1   ..MDNFQLFKL......KKAG....LTNLNILNIIDYEERTQKSLSL.RD..MAVVSKNKKPLIFMEH...YKNLDSKALRKEFN   67
NTDB id 525 SMSK321 RS06295 WP 000705298.1 MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLEKEFK   69
NTDB id 497 SM12261 RS05565 WP 000705318.1 MKITNYEIYKL......KKSG....LTNQQVLAVLEYGENVDQELLL.GD..IAEISGCRNPAVFMER...YFQIDDAHLEKEFQ   69
NTDB id 98811 R8568 RS04580 WP 000705301.1 MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLSKEFQ   69
NTDB id 267 KZH43 RS05590 WP 000705306.1 MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLSKEFQ   69
NTDB id 226 SPD RS05990 WP 000705306.1   MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLSKEFQ   69
NTDB id 192 SPR RS05715 WP 000705306.1   MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLSKEFQ   69
NTDB id 157 SP RS06205 WP 000705306.1    MKITNYEIYKL......KKSG....LTNQQILKVLEYGENVDQELLL.GD..IADISGCRNPAVFMER...YFQIDDAHLSKEFQ   69
consensus                                ***********      ****    ********************** **  ****************   ********* ****

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NTDB id 1361 HI 0985 AAC22646.1          .....LVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQ.RQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSGLALGIDGHC  155
NTDB id 25 SA RS06185 WP 000593194.1     KLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQGADAMA  158
NTDB id 599 KW2 RS05940 WP 021037268.1   ..KFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKN.PKLAFVGSRLAGQSGIKSVQKIV.TELNQSFTIVSGLAKGIDTAS  149
NTDB id 407 SMU RS04605 WP 002262865.1   ..RFPSLSILDKEYPLELKNIYNPPVLLFYQGDLDLLAR.PKLAVVGSRNASQMGVAAVKKII.QDLSKQFVIISGLARGIDTAA  148
NTDB id 525 SMSK321 RS06295 WP 000705298.1 ..KIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRSCSKQGAKSVEKII.QGLENELVIVSGLAKGIDTAA  150
NTDB id 497 SM12261 RS05565 WP 000705318.1 ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
NTDB id 98811 R8568 RS04580 WP 000705301.1 ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
NTDB id 267 KZH43 RS05590 WP 000705306.1 ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
NTDB id 226 SPD RS05990 WP 000705306.1   ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
NTDB id 192 SPR RS05715 WP 000705306.1   ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
NTDB id 157 SP RS06205 WP 000705306.1    ..KFPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF.PKVAVVGSRACSKQGAKSVEKVI.QGLENELVIVSGLAKGIDTAA  150
consensus                                 ***********!!**!******!*!*!**!******* ***!*!!*!**************** ********!*!!!!*!*!***

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NTDB id 1361 HI 0985 AAC22646.1          HQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTLVVEATEKSGSLITA  240
NTDB id 25 SA RS06185 WP 000593194.1     HQIALKYNLPTIAVLAFGHQTHYPKSTLALRN.KIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEAKEQSGSHITI  242
NTDB id 599 KW2 RS05940 WP 021037268.1   HLSAIKTKTPTIAVIGTGLDIFYPLENRKIQE.YLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEAKLRSGSLITC  233
NTDB id 407 SMU RS04605 WP 002262865.1   HLASLKSGGATIAVIGTGLDVHYPKENRRLQD.YIAKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQGVMVAEAKIRSGSLITC  232
NTDB id 525 SMSK321 RS06295 WP 000705298.1 HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 497 SM12261 RS05565 WP 000705318.1 HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 98811 R8568 RS04580 WP 000705301.1 HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLALSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 267 KZH43 RS05590 WP 000705306.1 HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 226 SPD RS05990 WP 000705306.1   HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 192 SPR RS05715 WP 000705306.1   HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
NTDB id 157 SP RS06205 WP 000705306.1    HMAALQNGGKTIAVIGTGLDVFYPKANKRLQD.YIGNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEAKMRSGSLITC  234
consensus                                !*********!!!!***!****!!******** *********!!***********!!*!!!!!*!!**!****!!***!!!*!!*
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1361 HI 0985 AAC22646.1          RYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAVPNYTPPPDPRRLVEAPSHPKL   325
NTDB id 25 SA RS06185 WP 000593194.1     DFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.......................................   290
NTDB id 599 KW2 RS05940 WP 021037268.1   ERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.......................................   282
NTDB id 407 SMU RS04605 WP 002262865.1   ERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF........................................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1 ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1 ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 98811 R8568 RS04580 WP 000705301.1 ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1 ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 226 SPD RS05990 WP 000705306.1   ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 192 SPR RS05715 WP 000705306.1   ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
NTDB id 157 SP RS06205 WP 000705306.1    ERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................................   282
consensus                                **!*!**!*****!!********!****!**!!*******!*******

logo
                                         YSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV
NTDB id 1361 HI 0985 AAC22646.1          YSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV   373
NTDB id 25 SA RS06185 WP 000593194.1     ..................................................   290
NTDB id 599 KW2 RS05940 WP 021037268.1   ..................................................   282
NTDB id 407 SMU RS04605 WP 002262865.1   ..................................................   280
NTDB id 525 SMSK321 RS06295 WP 000705298.1 ..............................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1 ..............................................   282
NTDB id 98811 R8568 RS04580 WP 000705301.1 ..............................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1 ................................................   282
NTDB id 226 SPD RS05990 WP 000705306.1   ................................................   282
NTDB id 192 SPR RS05715 WP 000705306.1   ................................................   282
NTDB id 157 SP RS06205 WP 000705306.1    ................................................   282
consensus
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X non conserved

X similar

X ≥ 50% conserved