logo

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NTDB id 412 SMU RS09535 WP 002262393.1        .....MKSEIIAVGTEILTGQIVNTNSQFLSEKFAELGIDVYFQTAVGDNEERLLSVLKIAKERSDLIVLCGGLGPTEDD  75
NTDB id 170 SP RS09755 WP 000642718.1         .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGPTEDD  75
NTDB id 280 KZH43 RS08670 WP 000642700.1      .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDD  75
NTDB id 205 SPR RS08830 WP 000642700.1        .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDD  75
NTDB id 239 SPD RS09270 WP 000642701.1        .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDD  75
NTDB id 538 SMSK321 RS11060 WP 000642686.1    .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPTEDD  75
NTDB id 510 SM12261 RS08320 WP 000642690.1    .....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPTEDD  75
NTDB id 409681 ERJ70 RS09335 WP 209368821.1   MTKKQVSAEIVAVGTELLLGQISNTNGQWLSKRLADYGVNVYHHSVVGDNLERVKQVFTTAAKRSDIVLVTGGLGPTEDD  80
NTDB id 124 BSU 16930 NP 389575.2             .MEFPKKAEIIAVGSELLLGQIANTNAQFISKQLAEIGVNVFYHTAVGDNPERLKQVIRIAEERSDFIIFSGGLGPTKDD  79
consensus                                      ***!!*!!!*!*!*!!!*!!!*!**!***!**!**!*****!!!!*  !*******!**!!******!!!!*!*!!
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NTDB id 412 SMU RS09535 WP 002262393.1        LTKQTLAKFLKRELVFDKTAQERLDEFFASRPTSMRTPNNECQAAQIIAGSQPLSNKTGLAVGGLLEADGVTYVVLPGPPS  155
NTDB id 170 SP RS09755 WP 000642718.1         LTKQTLAKFLGKALVFDPQAQEKLDIFFTLRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPS  155
NTDB id 280 KZH43 RS08670 WP 000642700.1      LTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPS  155
NTDB id 205 SPR RS08830 WP 000642700.1        LTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPS  155
NTDB id 239 SPD RS09270 WP 000642701.1        LTKQTLAKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQVQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPS  155
NTDB id 538 SMSK321 RS11060 WP 000642686.1    LTKQTLAKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQIVEGATPLPNETGLAVGGILEVDGVTYVVLPGPPS  155
NTDB id 510 SM12261 RS08320 WP 000642690.1    LTKQTLAKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQLVEGAIPLPNETGLAVGGILEVDGVTYVVLPGPPS  155
NTDB id 409681 ERJ70 RS09335 WP 209368821.1   MTRDAFQEIYGVDVVTDEPSLQKIISYFKNN.HRKMTPNNRKQALIFNGSQALPNHVGMAPGMAMETEDVTWIFMPGVPR  159
NTDB id 124 BSU 16930 NP 389575.2             LTKETIANTLGRPLVLNDEAFQSIEDYFKRT.KRTMSPNNRKQALVIEGSDVLANHFGMAPGMLTEHESRYYMLLPGPPS  158
consensus                                      *!**********  *!*************!* *******!!!**!*****!***!*!**!*!*!*  *!**********!!*!*
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NTDB id 412 SMU RS09535 WP 002262393.1        ELKPMVNKELLPYLSK...TSEKLYSRVLRFFGIGESHLVTLLHDLIAEQTDPTIAPYAKTGEVTIRLSTKAHRQKEADS  232
NTDB id 170 SP RS09755 WP 000642718.1         ELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 280 KZH43 RS08670 WP 000642700.1      ELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 205 SPR RS08830 WP 000642700.1        ELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 239 SPD RS09270 WP 000642701.1        ELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 538 SMSK321 RS11060 WP 000642686.1    ELKPMVLNQLLPKLM....TGSKLYSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 510 SM12261 RS08320 WP 000642690.1    ELKPMVLNQLLPKLM....TGSKLHSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQ  231
NTDB id 409681 ERJ70 RS09335 WP 209368821.1   EMKQIAEEYAFPYIKEKYQLDRVIQSRMLRFVGIGESQLEHQLQSLIAVQTNPTIAPLALEGEVAVRLTASASTSQAAER  239
NTDB id 124 BSU 16930 NP 389575.2             ELRPMFENEAKPLLLKKMGSNEKIVSTVLRFFGIGESQLEADLEDIIDAQTNPTIAPLAADGEVTLRLTAKHADEKETER  238
consensus                                      !**********!***    ******!**!!!*!!!!!*!***!  **!**!**!!*!!*!**!!!**!!************
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NTDB id 412 SMU RS09535 WP 002262393.1        KLDKLEKKIITID.....NLADYFYGYGEENSLPQVVFDLLKEKGKTITAAESLTAGLFQARLADFAGASDIFKGGFITY  307
NTDB id 170 SP RS09755 WP 000642718.1         ALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTY  311
NTDB id 280 KZH43 RS08670 WP 000642700.1      ALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTY  311
NTDB id 205 SPR RS08830 WP 000642700.1        ALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTY  311
NTDB id 239 SPD RS09270 WP 000642701.1        ALDILENQILDCQTFEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTY  311
NTDB id 538 SMSK321 RS11060 WP 000642686.1    VLDILENQILGRQTFEGLSLRDLCYGYGEEASLASIVVEELKKQGKTITAAESLTAGLFQATVADFSGASSIFKGGFVTY  311
NTDB id 510 SM12261 RS08320 WP 000642690.1    VLDILENQILGRQTFEGLSLRDLCYGYGEETSLASIVVEELKRQGKTITSAESLTAGLFQARVADFSGASSIFKGGFVTY  311
NTDB id 409681 ERJ70 RS09335 WP 209368821.1   LIREAEKQILE.......LVGDFFYGYDEENL.EAKTVEMLAEGKLKIAAAESLTGGMFTSKLVSVPGASQIVAGSVVCY  311
NTDB id 124 BSU 16930 NP 389575.2             LLKETEAVILE.......RVGEFFYGYDDTSL.VKELSIACKEKGITISAAESFTGGLFSEWLTDHSGASKLFAGGVVCY  310
consensus                                      ****!**!** ************!!!*********************!**!!!*!*!*!***** **!*!*** !****!
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NTDB id 412 SMU RS09535 WP 002262393.1      SIEEKARMLGIPFEDLQLHGVVSAFTAEKMAERSRQLTQADLAISLTGVAGPDSLEGQPAGTVFIGLSSSKRTMAIKVLI   387
NTDB id 170 SP RS09755 WP 000642718.1       SLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNI   391
NTDB id 280 KZH43 RS08670 WP 000642700.1    SLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNI   391
NTDB id 205 SPR RS08830 WP 000642700.1      SLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNI   391
NTDB id 239 SPD RS09270 WP 000642701.1      SLEEKSRMLDIPAKNLEEHGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNI   391
NTDB id 538 SMSK321 RS11060 WP 000642686.1  SLEEKSKMLDIPVKDLEEQGVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFIGLAQEHGTKVIKVNI   391
NTDB id 510 SM12261 RS08320 WP 000642690.1  SLEEKSKMLDIPVKDLEEQGVVSEFTAQKMAEQARIKTQSDFGLSLTGVAGPDSLEGHPAGTVFIGLAQEQGTEVIKVNI   391
NTDB id 409681 ERJ70 RS09335 WP 209368821.1 SPEVKQSVVKVLPETIDRFGTVSKQCAEEMAENILSSFHADIGISFTGVAGPGESEGNPPGTVFIGISQQQKETKVYQFQ   391
NTDB id 124 BSU 16930 NP 389575.2           TNDVKQNVLGVKKETLDRFGAVSKECASELAKGVQKLTGSDIGISFTGVAGPDAQEGHEPGHVFIGISANGKE.EVHEFH   389
consensus                                   ****!******* * ****!*!!***!***!**********!***!*!!!!!!***!!** !*!!!!**************
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NTDB id 412 SMU RS09535 WP 002262393.1      GGRSRSDVRYIAVLHAFNLVRQTLLSHKNLV   418
NTDB id 170 SP RS09755 WP 000642718.1       GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 280 KZH43 RS08670 WP 000642700.1    GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 205 SPR RS08830 WP 000642700.1      GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 239 SPD RS09270 WP 000642701.1      GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 538 SMSK321 RS11060 WP 000642686.1  GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 510 SM12261 RS08320 WP 000642690.1  GGRSRADVRHIAVMHAFNLVRKALLSD....   418
NTDB id 409681 ERJ70 RS09335 WP 209368821.1 FNGNRETIRARTVKKGLELLYRLNNNMI...   419
NTDB id 124 BSU 16930 NP 389575.2           FAGSRTGIRKRGAKYGCHLILKLLEQK....   416
consensus                                   ****!***!**********!*********
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X non conserved
X similar
X ≥ 50% conserved