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logo
NTDB id 124 BSU 16930 NP 389575.2          MEFPKKAEIIAVGSELLLGQIANTNAQFISKQLAEIGVNVFYHTAVGDNPERLKQVIRIAEERSDFIIFSGGLGPTKDDLTKETI   85
NTDB id 462 GPW51 RS00385 WP 012774894.1   ....MKAELIAVGTEILTGQIINTNAQFLSEKCAELGIDVYFHTAVGDNEGRLLSTLEVASKRSNMVVLCGGLGPTEDDLTKQTL   81
NTDB id 412 SMU RS09535 WP 002262393.1     ....MKSEIIAVGTEILTGQIVNTNSQFLSEKFAELGIDVYFQTAVGDNEERLLSVLKIAKERSDLIVLCGGLGPTEDDLTKQTL   81
NTDB id 24607 SPCG RS10035 WP 000642711.1  ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGPTEDDLTKQTL   81
NTDB id 170 SP RS09755 WP 000642718.1      ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGPTEDDLTKQTL   81
NTDB id 280 KZH43 RS08670 WP 000642700.1   ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDDLTKQTL   81
NTDB id 205 SPR RS08830 WP 000642700.1     ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDDLTKQTL   81
NTDB id 239 SPD RS09270 WP 000642701.1     ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEVRLLSLLEIASQRSSLVILTGGLGATEDDLTKQTL   81
NTDB id 538 SMSK321 RS11060 WP 000642686.1 ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPTEDDLTKQTL   81
NTDB id 510 SM12261 RS08320 WP 000642690.1 ....MKAEIIAVGTEILTGQIVNTNAQFLSEKLAEIGVDVYFQTAVGDNEARLLSLLEIASQRSSLVILTGGLGPTEDDLTKQTL   81
consensus                                   *!*!*!!!!*!*!*!!!*!!!*!!*!***!!*!**!***!!!!!!*!!*******!**!!*****!!!!*!*!!!!!*!*

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NTDB id 124 BSU 16930 NP 389575.2          ANTLGRPLVLNDEAFQSIEDYFK.RTKRTMSPNNRKQALVIEGSDVLANHFGMAPGMLTEHESRYYMLLPGPPSELRPMFENEAK   169
NTDB id 462 GPW51 RS00385 WP 012774894.1   ATFLGRNLVFDELAMAKLDRFFASRPGRVRTPNNERQAQIVEGSQALQNPAGLAVGGMIEQDGVTYIVLPGPPSELKAMFSESLL   166
NTDB id 412 SMU RS09535 WP 002262393.1     AKFLKRELVFDKTAQERLDEFFASRPTSMRTPNNECQAQIIAGSQPLSNKTGLAVGGLLEADGVTYVVLPGPPSELKPMVNKELL   166
NTDB id 24607 SPCG RS10035 WP 000642711.1  AKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 170 SP RS09755 WP 000642718.1      AKFLGKALVFDPQAQEKLDIFFTLRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 280 KZH43 RS08670 WP 000642700.1   AKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 205 SPR RS08830 WP 000642700.1     AKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQAQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 239 SPD RS09270 WP 000642701.1     AKFLGKALVFDPQAQEKLDIFFALRPDYARTPNNERQVQIVEGAIPLPNETGLAVGGKLEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 538 SMSK321 RS11060 WP 000642686.1 AKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQIVEGATPLPNETGLAVGGILEVDGVTYVVLPGPPSELKPMVLNQLL   166
NTDB id 510 SM12261 RS08320 WP 000642690.1 AKFLGKELVFDPQAQEKLDVFFAQRPDYARTPNNERQAQLVEGAIPLPNETGLAVGGILEVDGVTYVVLPGPPSELKPMVLNQLL   166
consensus                                  !**!***!!****!*******!**!******!!!**!*****!***!*!**!*!*!***!*****!**!!!!!!!!**!******

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NTDB id 124 BSU 16930 NP 389575.2          PLLLKKMGSNEKIVSTVLRFFGIGESQLEADLEDIIDAQTNPTIAPLAADGEVTLRLTAKHADEKETERLLKETEAVILE.....   249
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NTDB id 412 SMU RS09535 WP 002262393.1     PYLS...KTSEKLYSRVLRFFGIGESHLVTLLHDLIAEQTDPTIAPYAKTGEVTIRLSTKAHRQKEADSKLDKLEKKIITID...   245
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NTDB id 538 SMSK321 RS11060 WP 000642686.1 PKLM....TGSKLYSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQVLDILENQILGRQTFE   247
NTDB id 510 SM12261 RS08320 WP 000642690.1 PKLM....TGSKLHSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQVLDILENQILGRQTFE   247
consensus                                  !*!*    ******!*!!!!!!!!!!*!***!*!*!**!  *!!*!!*!**!!!!*!!**!*****!****!***!**!*******
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logo
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NTDB id 412 SMU RS09535 WP 002262393.1     ..NLADYFYGYGEENSLPQVVFDLLKEKGKTITAAESLTAGLFQARLADFAGASDIFKGGFITYSIEEKARMLGIPFEDLQLHGV   328
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NTDB id 170 SP RS09755 WP 000642718.1      GISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYSLEEKSRMLDIPAKNLEEHGV   332
NTDB id 280 KZH43 RS08670 WP 000642700.1   GISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEHGV   332
NTDB id 205 SPR RS08830 WP 000642700.1     GISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEHGV   332
NTDB id 239 SPD RS09270 WP 000642701.1     GISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEHGV   332
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NTDB id 510 SM12261 RS08320 WP 000642690.1 GLSLRDLCYGYGEETSLASIVVEELKRQGKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYSLEEKSKMLDIPVKDLEEQGV   332
consensus                                  ********!*!****!!*************!!***!**!*!!*************!**!************************

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NTDB id 124 BSU 16930 NP 389575.2          VSKECASELAKGVQKLTGSDIGISFTGVAGPDAQEGHEPGHVFIGISANGKEEVHEFHFAGSRT.GIRKRGAKYGCHLILKLLEQ   415
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NTDB id 412 SMU RS09535 WP 002262393.1     VSAFTAEKMAERSRQLTQADLAISLTGVAGPDSLEGQPAGTVFIGLSSSKRTMAIKVLIGGRSRSDVRYI....AVLHAFNLVRQ   409
NTDB id 24607 SPCG RS10035 WP 000642711.1  VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQEQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 170 SP RS09755 WP 000642718.1      VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 280 KZH43 RS08670 WP 000642700.1   VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 205 SPR RS08830 WP 000642700.1     VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 239 SPD RS09270 WP 000642701.1     VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 538 SMSK321 RS11060 WP 000642686.1 VSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFIGLAQEHGTKVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
NTDB id 510 SM12261 RS08320 WP 000642690.1 VSEFTAQKMAEQARIKTQSDFGLSLTGVAGPDSLEGHPAGTVFIGLAQEQGTEVIKVNIGGRSRADVRHI....AVMHAFNLVRK   413
consensus                                  *********!*********!**********!***!******!******************!******!**     ***********

logo
NTDB id 124 BSU 16930 NP 389575.2          K........   416
NTDB id 462 GPW51 RS00385 WP 012774894.1   TL.......   393
NTDB id 412 SMU RS09535 WP 002262393.1     TLLSHKNLV   418
NTDB id 24607 SPCG RS10035 WP 000642711.1  ALLSD....   418
NTDB id 170 SP RS09755 WP 000642718.1      ALLSD....   418
NTDB id 280 KZH43 RS08670 WP 000642700.1   ALLSD....   418
NTDB id 205 SPR RS08830 WP 000642700.1     ALLSD....   418
NTDB id 239 SPD RS09270 WP 000642701.1     ALLSD....   418
NTDB id 538 SMSK321 RS11060 WP 000642686.1 ALLSD....   418
NTDB id 510 SM12261 RS08320 WP 000642690.1 ALLSD....   418
consensus                                  *****
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X non conserved

X similar

X ≥ 50% conserved