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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 124 BSU 16930 NP 389575.2          MEFPKKAEIIAVGSELLLGQIANTNAQFISKQLAEIGVNVFYHTAVGDNPERLKQVIRIAEERSDFIIFSGGLGPTKDDLTKETI   85
NTDB id 135598 RE92 RS02045 WP 025679772.1 ....MKAEIIAVGTELLLGQIVNTNAQYLSQELATIGIDVYFQTVVGDNMDRLQEAVRLAQKRADIILFSGGLGPTQDDLTKDAI   81
NTDB id 462 GPW51 RS00385 WP 012774894.1   ....MKAELIAVGTEILTGQIINTNAQFLSEKCAELGIDVYFHTAVGDNEGRLLSTLEVASKRSNMVVLCGGLGPTEDDLTKQTL   81
NTDB id 412 SMU RS09535 WP 002262393.1     ....MKSEIIAVGTEILTGQIVNTNSQFLSEKFAELGIDVYFQTAVGDNEERLLSVLKIAKERSDLIVLCGGLGPTEDDLTKQTL   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                                   *!*!*!!!!*!*!*!!!*!!!*!**!***!**!**!***!*!!!!* !!******!**!*******!!!!*!*!!!!!***

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 124 BSU 16930 NP 389575.2          ANTLGRPLVLNDEAFQSIEDYFKR.TKRTMSPNNRKQALVIEGSDVLANHFGMAPGMLTEHESRYYMLLPGPPSELRPMFENEAK   169
NTDB id 135598 RE92 RS02045 WP 025679772.1 AAVLGRKLQIDRLAMDKLDQFFRNRGLE.MTENNRRQALSIEGATPLENETGLAIGDAIAQDGKFYVVLPGPPKELKPMFANHAK   165
NTDB id 462 GPW51 RS00385 WP 012774894.1   ATFLGRNLVFDELAMAKLDRFFASRPGRVRTPNNERQAQIVEGSQALQNPAGLAVGGMIEQDGVTYIVLPGPPSELKAMFSESLL   166
NTDB id 412 SMU RS09535 WP 002262393.1     AKFLKRELVFDKTAQERLDEFFASRPTSMRTPNNECQAQIIAGSQPLSNKTGLAVGGLLEADGVTYVVLPGPPSELKPMVNKELL   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                                  !**!** !*****!******!* ********!!**!*****!***!*!**!*!*!**********!**!!!!!*!!**!******

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 124 BSU 16930 NP 389575.2          PLLLKK..MGSNEKIVSTVLRFFGIGESQLEADLEDIIDAQTNPTIAPLAADGEVTLRLTAKHADEKETERLLKETEAVILE...   249
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NTDB id 462 GPW51 RS00385 WP 012774894.1   PLLSQ.....SQQQLYSRVLRFFGIGESQLVTVLADVIDKQTDPTLAPYAKVGEVTLRLSTKATSQEEANLRLNQLEEDILQHD.   245
NTDB id 412 SMU RS09535 WP 002262393.1     PYLSK.....TSEKLYSRVLRFFGIGESHLVTLLHDLIAEQTDPTIAPYAKTGEVTIRLSTKAHRQKEADSKLDKLEKKIITID.   245
NTDB id 170 SP RS09755 WP 000642718.1      PKLM......TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQALDILENQILDCQT   245
NTDB id 280 KZH43 RS08670 WP 000642700.1   PKLM......TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQALDILENQILDCQT   245
NTDB id 205 SPR RS08830 WP 000642700.1     PKLM......TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQALDILENQILDCQT   245
NTDB id 239 SPD RS09270 WP 000642701.1     PKLM......TGSKLYSRVLRFFGIGESQLVTILADLIDNQIDPTLAPYAKTGEVTLRLSTKASSQEEANQALDILENQILDCQT   245
NTDB id 538 SMSK321 RS11060 WP 000642686.1 PKLM......TGSKLYSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQVLDILENQILGRQT   245
NTDB id 510 SM12261 RS08320 WP 000642690.1 PKLM......TGSKLHSRVLRFFGIGESQLVTILSDLIDNQTDPTLAPYAKTGEVTLRLSTKASSQEEANQVLDILENQILGRQT   245
consensus                                  !*!*       ******!**!*!*!!!!!*!***!*!*!**!**!!*!!*!**!!!!*!***!*****!*** !***!**!** **
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logo
NTDB id 124 BSU 16930 NP 389575.2            ....RVGEFFYGYD.DTSLVKELSIACKEKGITISAAESFTGGLFSEWLTDHSGASKLFAGGVVCYTNDVKQNVLGVKKETLDRF   329
NTDB id 135598 RE92 RS02045 WP 025679772.1   ....RLSEYMYA.SEDVTLEKVIVDLMAKRGLTVSAAESCTGGMLMEHITSIPGSAVMFQGGIVCYSNEMKMKLLNVPYDYLEGD   327
NTDB id 462 GPW51 RS00385 WP 012774894.1     ....KLADYFYAYGEDNSLVKTVATRLAEKRQTIAIVEQGTGGLLQAELSLALADQPYFSGGKVVGQLGIES.............   313
NTDB id 412 SMU RS09535 WP 002262393.1       ....NLADYFYGYGEENSLPQVVFDLLKEKGKTITAAESLTAGLFQARLADFAGASDIFKGGFITYSIEEKARMLGIPFEDLQLH   326
NTDB id 170 SP RS09755 WP 000642718.1        FEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFKGGFVTYSLEEKSRMLDIPAKNLEEH   330
NTDB id 280 KZH43 RS08670 WP 000642700.1     FEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEH   330
NTDB id 205 SPR RS08830 WP 000642700.1       FEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEH   330
NTDB id 239 SPD RS09270 WP 000642701.1       FEGISLRDFCYGYGEETSLASIVVEELKRQGKTIAAAESLTAGLFQATVANFSGVSSIFEGGFVTYSLEEKSRMLDIPAKNLEEH   330
NTDB id 538 SMSK321 RS11060 WP 000642686.1   FEGLSLRDLCYGYGEEASLASIVVEELKKQGKTITAAESLTAGLFQATVADFSGASSIFKGGFVTYSLEEKSKMLDIPVKDLEEQ   330
NTDB id 510 SM12261 RS08320 WP 000642690.1   FEGLSLRDLCYGYGEETSLASIVVEELKRQGKTITSAESLTAGLFQARVADFSGASSIFKGGFVTYSLEEKSKMLDIPVKDLEEQ   330
consensus                                    **********!*******!************!****!**!*!******* *** ***!  !!***************** * ****

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NTDB id 124 BSU 16930 NP 389575.2            ...GAVSKECASELAKGVQKLTGSDIGISFTGVAGPDAQEGHEPGHVFIGISANGK.EEVHEFHFAGSRTGIRKRGAKYG.CHLI   409
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NTDB id 462 GPW51 RS00385 WP 012774894.1     .......GWLS.EEADCIRQELQADLGLAVSVLIKPESTEDNVLAKVYLTLATPSG.ISQKEIDLGGYSWQ.YLRQLAC..LQAW   386
NTDB id 412 SMU RS09535 WP 002262393.1       ...GVVSAFTAEKMAERSRQLTQADLAISLTGVAGPDSLEGQPAGTVFIGLSSSKR.TMAIKVLIGGRSRS.DVRYIAV..LHAF   404
NTDB id 170 SP RS09755 WP 000642718.1        ...GVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQG.TEVIKVNIGGRSRA.DVRHIAV..MHAF   408
NTDB id 280 KZH43 RS08670 WP 000642700.1     ...GVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQG.TEVIKVNIGGRSRA.DVRHIAV..MHAF   408
NTDB id 205 SPR RS08830 WP 000642700.1       ...GVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQG.TEVIKVNIGGRSRA.DVRHIAV..MHAF   408
NTDB id 239 SPD RS09270 WP 000642701.1       ...GVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPVGTVFIGLAQDQG.TEVIKVNIGGRSRA.DVRHIAV..MHAF   408
NTDB id 538 SMSK321 RS11060 WP 000642686.1   ...GVVSEFTAQKMAEQARSKTQSDFGISLTGVAGPDSLEGHPAGTVFIGLAQEHG.TKVIKVNIGGRSRA.DVRHIAV..MHAF   408
NTDB id 510 SM12261 RS08320 WP 000642690.1   ...GVVSEFTAQKMAEQARIKTQSDFGLSLTGVAGPDSLEGHPAGTVFIGLAQEQG.TEVIKVNIGGRSRA.DVRHIAV..MHAF   408
consensus                                      ***********!*********!**********!***!******!********* *********!**** **!****  ****

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NTDB id 124 BSU 16930 NP 389575.2            LKLLEQK........   416
NTDB id 135598 RE92 RS02045 WP 025679772.1   RRLVENEKLS.....   422
NTDB id 462 GPW51 RS00385 WP 012774894.1     D.FVRNTL.......   393
NTDB id 412 SMU RS09535 WP 002262393.1       N.LVRQTLLSHKNLV   418
NTDB id 170 SP RS09755 WP 000642718.1        N.LVRKALLSD....   418
NTDB id 280 KZH43 RS08670 WP 000642700.1     N.LVRKALLSD....   418
NTDB id 205 SPR RS08830 WP 000642700.1       N.LVRKALLSD....   418
NTDB id 239 SPD RS09270 WP 000642701.1       N.LVRKALLSD....   418
NTDB id 538 SMSK321 RS11060 WP 000642686.1   N.LVRKALLSD....   418
NTDB id 510 SM12261 RS08320 WP 000642690.1   N.LVRKALLSD....   418
consensus                                    * *********
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X non conserved

X similar

X ≥ 50% conserved