logo

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NTDB id 587 KW2 RS10850 WP 042211510.1              .....................MQTDILRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGEVINFLALSKLVEKEFVFKM   59
NTDB id 1130757 H0505 RS08535 WP 120764773.1        MPEKISKTIRRPTGISSWKVWLNKDVSLRGISKGKKLKISQQVKVIQLFKQLLKAGFTLTEIVAFLERSHLLKETSLSLM   80
NTDB id 395 FSA28 RS09400 WP 257638827.1            ..................MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKM   62
NTDB id 386 SMU RS09030 WP 255262721.1              ..................MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKM   62
NTDB id 430 SGO RS09415 WP 012130941.1              .................MISFLQQDISILSKQKQKKLGTSKQKQVIELFNNLFSSGFHLAETVDFLGRSALLEKNYVQQM   63
NTDB id 271 KZH43 RS09260 WP 074196785.1            .......................MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
NTDB id 230 SPD RS09890 WP 074196785.1              .......................MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
NTDB id 196 SPR RS09425 WP 074196785.1              .......................MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
NTDB id 161 SP RS10375 WP 074196785.1               .......................MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
NTDB id 529 SMSK321 RS09235 WP 080550783.1          .......................MDISQVFRLKRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
NTDB id 501 SM12261 RS00950 WP 004238896.1          .......................MDISQVFRLKRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQM   57
consensus                                                                  *!*********!!!****!***!*!***!***!!*!*!***!!**!*!*******!
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NTDB id 587 KW2 RS10850 WP 042211510.1              HQGLSSGKSLSEILESLSFSKNVVTQLALVEVHGNLVGTMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKN  139
NTDB id 1130757 H0505 RS08535 WP 120764773.1        KESLIRGDRLYQMLALVGFSDNIVTQISLADKHGNLLGSLTKIETYMLRMTKVRKKLMEVATYPILLLGFLILIMLGLKN  160
NTDB id 395 FSA28 RS09400 WP 257638827.1            RQGLLNGLHLAEIMSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPILLLIFLVVIMLGLKN  142
NTDB id 386 SMU RS09030 WP 255262721.1              RQGLLNGLHLAEIMSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPILLLIFLVVIMLGLKN  142
NTDB id 430 SGO RS09415 WP 012130941.1              RQGLANGQAFSEIMASLGFSDAVVTQLSLAELHGNLSLALLKIEEYLDNLAKVKKKLIEVATYPMMLLGFLVLIMIGLRN  143
NTDB id 271 KZH43 RS09260 WP 074196785.1            RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRN  137
NTDB id 230 SPD RS09890 WP 074196785.1              RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRN  137
NTDB id 196 SPR RS09425 WP 074196785.1              RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRN  137
NTDB id 161 SP RS10375 WP 074196785.1               RVGLSQGKSFSEMMESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRN  137
NTDB id 529 SMSK321 RS09235 WP 080550783.1          RTDLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLSIMLGLRN  137
NTDB id 501 SM12261 RS00950 WP 004238896.1          RAGLSQGKSFSEMMESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRN  137
consensus                                           *  *!**!************!***!!!**!***!!!********!********!*!!!*!!*!!!**!!*!!**!!*!!*!
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NTDB id 587 KW2 RS10850 WP 042211510.1              YLLPQLDKG...NNFATLLINHLPLVFFSVGALIVLLTSLSIIIFKHISALTNFTFLVKVPLVSSFIRLYLTAYFSREWG  216
NTDB id 1130757 H0505 RS08535 WP 120764773.1        YLLPQLLEGDGKNNWAVQLVQIFPQLFFVSLCGLLVLGLILYLWVKRQSALVFYRRMAKIPFIGQTVRLYTTAYYAREWG  240
NTDB id 395 FSA28 RS09400 WP 257638827.1            YLLPQLEK....GNFATRLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFVGKYLQLYLTAYYAREWG  218
NTDB id 386 SMU RS09030 WP 255262721.1              YLLPQLER....GNFATRLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFAGKYLQLYLTAYYAREWG  218
NTDB id 430 SGO RS09415 WP 012130941.1              YLLPQLSS....QNFATQLIGHLPTIFLLTVLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFVGSFVRIYLTAYYAREWG  219
NTDB id 271 KZH43 RS09260 WP 074196785.1            YLLPQLDS....SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWG  213
NTDB id 230 SPD RS09890 WP 074196785.1              YLLPQLDS....SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWG  213
NTDB id 196 SPR RS09425 WP 074196785.1              YLLPQLDS....SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWG  213
NTDB id 161 SP RS10375 WP 074196785.1               YLLPQLDS....SNIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWG  213
NTDB id 529 SMSK321 RS09235 WP 080550783.1          YLLPQLDS....SNIATQIIGNLPQIFLGMVGLVSLLTLLALTFYKRSSKMRVFSILARIPFLGIFVQTYLTAYYAREWG  213
NTDB id 501 SM12261 RS00950 WP 004238896.1          YLLPQLDS....SNIATQIIGNLPQIFLGMVGFVSVGVLLALTFYKRGSKMRVFSILARIPFLGIFVQTYLTAYYAREWG  213
consensus                                           !!!!!!**    *!*!*******!**!**********  *********  ***  ********!********!*!!!**!!!!
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NTDB id 587 KW2 RS10850 WP 042211510.1          NLIAQGVELRQIIELMKKQKSRIFAEVGIKLDLGLKAGQNFEQAVSHFSIFLPELSLMIEYGAIKDKLGLELSVYADECW  296
NTDB id 1130757 H0505 RS08535 WP 120764773.1    NLLGQGVDLLDLVALMQEQKSKLFRELGADLEEAILMLGQSFPERIASHPFFTKELSLIIAYGEANARLGYELEVYAEEVW  320
NTDB id 395 FSA28 RS09400 WP 257638827.1        NLIGQGVEMAQIVRLMQDQKSQLFREIGYDMEKALLSGQEFHQKVLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETW  298
NTDB id 386 SMU RS09030 WP 255262721.1          NLIGQGVEMAQIVRLMQDQKSQLFREIGYDMEKALLSGQEFHQKVLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETW  298
NTDB id 430 SGO RS09415 WP 012130941.1          NMIGQGLELSQIFQIMQEQRSVLFQEIGQDLGQALQNGQEFSDKIASYPFFKKELSLIIEYGEVKSKLGSELEIYALKTW  299
NTDB id 271 KZH43 RS09260 WP 074196785.1        NMISQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTW  293
NTDB id 230 SPD RS09890 WP 074196785.1          NMISQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTW  293
NTDB id 196 SPR RS09425 WP 074196785.1          NMISQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTW  293
NTDB id 161 SP RS10375 WP 074196785.1           NMISQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTW  293
NTDB id 529 SMSK321 RS09235 WP 080550783.1      NMISQGMELTQIFQIMQEQGSQLFKEIGQDLAQSLQNGREFSQTIATYPFFKKELSLIIEYGEVKSKLGSELEIYAEKTW  293
NTDB id 501 SM12261 RS00950 WP 004238896.1      NMISQGMELTQIFQIMQEQGSQLFKEIGQDMAHALQNGQEFSQTIGTYPFFKKELSLIIEYGEVKSKLGSELEIYAEKTW  293
consensus                                       !***!!**********!**!*!**!*!*!******!  *!**!**********!**!!!!*!*!!*****!!*!!**!!***!
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NTDB id 587 KW2 RS10850 WP 042211510.1          EQFFSKIDRLMQLIQPLIFIFVALMIVLLYAAMLLPIYSNMGSGI.   341
NTDB id 1130757 H0505 RS08535 WP 120764773.1    QNFFNRLNKATTFVQPLIFVIVAVVIVMIYVAMLLPMYQNMEGMMS   366
NTDB id 395 FSA28 RS09400 WP 257638827.1        EHFFAKLKKATQFVQPLIFVFVAIVIVMIYAAMLLPIYQNMEVNL.   343
NTDB id 386 SMU RS09030 WP 255262721.1          EHFFAKLKKATQFVQPLIFVFVAIVIVMIYAAMLLPIYQNMEVNL.   343
NTDB id 430 SGO RS09415 WP 012130941.1          EEFFGRVNRTMNLIQPLVFVFVALMIVLLYAAMLLPLYQNMEVHL.   344
NTDB id 271 KZH43 RS09260 WP 074196785.1        EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
NTDB id 230 SPD RS09890 WP 074196785.1          EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
NTDB id 196 SPR RS09425 WP 074196785.1          EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
NTDB id 161 SP RS10375 WP 074196785.1           EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
NTDB id 529 SMSK321 RS09235 WP 080550783.1      EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
NTDB id 501 SM12261 RS00950 WP 004238896.1      EAFFTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF.   338
consensus                                       **!!**********!!!*!**!!**!!**!*!!!*!*!*!!****
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X non conserved
X similar
X ≥ 50% conserved