logo

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NTDB id 414627 GU336 RS01530 WP 310592697.1  MLKKHSKGMPTTSGMPKLKNWLQKDISHLIRRQPKRLAIKQQVKLMQLMNNLFLSGFHLAEIVNFLSRSKLVEERFVATM  80
NTDB id 587 KW2 RS10850 WP 042211510.1       ....................MQTDILRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGEVINFLALSKLVEKFFVFKM  59
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 414627 GU336 RS01530 WP 310592697.1  RDGLSNGQNLSQILNDLRFSNLVVTQVALADYHGDTQQTLTLIIDNLTKIQKVRKKLVAVSTYPIILLTFLIIIVLGLKT  160
NTDB id 587 KW2 RS10850 WP 042211510.1       HQGLSSGKSLSEILESLSFSKNVVTQLALVEVHGNLVGTMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKN  139
NTDB id 395 FSA28 RS09400 WP 257638827.1     RQGLLNGLHLAEIMSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKN  142
NTDB id 386 SMU RS09030 WP 255262721.1       RQGLLNGLHLAEIMSSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKN  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 414627 GU336 RS01530 WP 310592697.1  YLLPQVETD.SFAGTVINALPLIFIGLSLVLTFFALGLIRYFKSISPLANVQWLGRLPLIRSYLKLYLTARYAREWGNLV  239
NTDB id 587 KW2 RS10850 WP 042211510.1       YLLPQLDKGNNFATLLINHLPLVFFSVGALIVLLTSLSIIIFKHISALTNFTFLVKVPLVSSFIRLYLTAYFSREWGNLI  219
NTDB id 395 FSA28 RS09400 WP 257638827.1     YLLPQLEKG.NFATRLISNFPILFLLGCCFFILLVGIFTFFFSRKISRLHLIGFCSHLPFVGKYLQLYLTAYYAREWGNLI  221
NTDB id 386 SMU RS09030 WP 255262721.1       YLLPQLERG.NFATRLISNFPILFLLGCCFFILLVGIFTFFFSRKISRLHLIGFCSHLPFAGKYLQLYLTAYYAREWGNLI  221
NTDB id 430 SGO RS09415 WP 012130941.1       YLLPQLSSQ.NFATQLIGHLPTIFLLTVLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFVGSFVRIYLTAYYAREWGNMI  222
NTDB id 271 KZH43 RS09260 WP 074196785.1     YLLPQLDSS.NIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMI  216
NTDB id 230 SPD RS09890 WP 074196785.1       YLLPQLDSS.NIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMI  216
NTDB id 196 SPR RS09425 WP 074196785.1       YLLPQLDSS.NIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMI  216
NTDB id 161 SP RS10375 WP 074196785.1        YLLPQLDSS.NIATQIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMI  216
NTDB id 529 SMSK321 RS09235 WP 080550783.1   YLLPQLDSS.NIATQIIGNLPQIFLGMVGLVSLLTLLALTFYKRSSKMRVFSILARIPFLGIFVQTYLTAYYAREWGNMI  216
NTDB id 501 SM12261 RS00950 WP 004238896.1   YLLPQLDSS.NIATQIIGNLPQIFLGMVGFVSVGVLLALTFYKRGSKMRVFSILARIPFLGIFVQTYLTAYYAREWGNMI  216
consensus                                    !!!!!*****  **!***!***!**!********** ********** ********!********!!!!***!!!!!**
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NTDB id 414627 GU336 RS01530 WP 310592697.1  KQGLEMRQILEMMTSQQNLLFREIGQDIRRAMQVGEEFHDKIKQYSFFTPELALIIEYGEMKGKLGDELLIYSDESWTKF  319
NTDB id 587 KW2 RS10850 WP 042211510.1       AQGVELRQIIELMKKQKSRIFAEVGIKLDLGLKAGQNFEQAVSHFSIFLPELSLMIEYGAIKDKLGLELSVYADECWEQF  299
NTDB id 395 FSA28 RS09400 WP 257638827.1     GQGVEMAQIVRLMQDQKSQLFREIGYDMEKALLSGQEFHQKVLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETWEHF  301
NTDB id 386 SMU RS09030 WP 255262721.1       GQGVEMAQIVRLMQDQKSQLFREIGYDMEKALLSGQEFHQKVLDYPFFLKELSLMIEYGEVKSKLGNELEIYAEETWEHF  301
NTDB id 430 SGO RS09415 WP 012130941.1       GQGLELSQIFQIMQEQRSVLFQEIGQDLGQALQNGQEFSDKIASYPFFKKELSLIIEYGEVKSKLGSELEIYALKTWEEF  302
NTDB id 271 KZH43 RS09260 WP 074196785.1     SQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
NTDB id 230 SPD RS09890 WP 074196785.1       SQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
NTDB id 196 SPR RS09425 WP 074196785.1       SQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
NTDB id 161 SP RS10375 WP 074196785.1        SQGMELTQIFQMMQEQGSQLFKEVGQDLAQTLKNGREFSQTIGTYPFFRKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
NTDB id 529 SMSK321 RS09235 WP 080550783.1   SQGMELTQIFQIMQEQGSQLFKEIGQDLAQSLQNGREFSQTIATYPFFKKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
NTDB id 501 SM12261 RS00950 WP 004238896.1   SQGMELTQIFQIMQEQGSQLFKEIGQDMAHALQNGQEFSQTIGTYPFFKKELSLIIEYGEVKSKLGSELEIYAEKTWEAF  296
consensus                                    *!!*!**!!***!**!****!*!*!*******  *!  *!**********!**!!*!*!!!!**!*!!!*!!**!****!**!
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NTDB id 414627 GU336 RS01530 WP 310592697.1  FEKVESAMNVIQPLVFLFVALMIVLIYAAMLLPIYAQMDLGM  361
NTDB id 587 KW2 RS10850 WP 042211510.1       FSKIDRLMQLIQPLIFIFVALMIVLLYAAMLLPIYSNMGSGI  341
NTDB id 395 FSA28 RS09400 WP 257638827.1     FAKLKKATQFVQPLIFVFVAIVIVMIYAAMLLPIYQNMEVNL  343
NTDB id 386 SMU RS09030 WP 255262721.1       FAKLKKATQFVQPLIFVFVAIVIVMIYAAMLLPIYQNMEVNL  343
NTDB id 430 SGO RS09415 WP 012130941.1       FGRVNRTMNLIQPLVFVFVALMIVLLYAAMLLPLYQNMEVHL  344
NTDB id 271 KZH43 RS09260 WP 074196785.1     FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
NTDB id 230 SPD RS09890 WP 074196785.1       FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
NTDB id 196 SPR RS09425 WP 074196785.1       FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
NTDB id 161 SP RS10375 WP 074196785.1        FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
NTDB id 529 SMSK321 RS09235 WP 080550783.1   FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
NTDB id 501 SM12261 RS00950 WP 004238896.1   FTRVNRTMNLVQPLVFIFVALIIVLLYAAMLMPMYQNMEVNF  338
consensus                                    !**********!!!*!*!!!**!!**!!!!!*!*!**!****
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X non conserved
X similar
X ≥ 50% conserved