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logo
NTDB id 1089317 ACLSIV RS10790 WP 310592697.1  MLKKHSKGMPTTSGMPKLKNWLQKDISHLIRRQPKRLAIKQQVKLMQLMNNLFLSGFHLAEIVNFLSRSKLVEERFVATM   80
NTDB id 587 KW2 RS10850 WP 042211510.1         .....................MQTDILRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGEVINFLALSKLVEKEFVFKM   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                                      *!!********!*!****!*****!**!!***!!*!*!***!!**!*!********!

logo
NTDB id 1089317 ACLSIV RS10790 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                                      * *!**!*********!**!***!!!**!***!!************!*****!*!!!**!*!!!**!!*!!**!**!!**

logo
NTDB id 1089317 ACLSIV RS10790 WP 310592697.1  YLLPQVETD.SFAGTVINALPLIFIGLSLVLTFFALGLIRYFKSISSPLANVQWLGRLPLIRSYLKLYLTARYAREWGNLV  239
NTDB id 587 KW2 RS10850 WP 042211510.1         YLLPQLDKGNNFATLLINHLPLVFFSVGALIVLLTSLSIIIFKHISALTNFTFLVKVPLVSSFIRLYLTAYFSREWGNLI  219
NTDB id 395 FSA28 RS09400 WP 257638827.1       YLLPQLEKG.NFATRLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFVGKYLQLYLTAYYAREWGNLI  221
NTDB id 386 SMU RS09030 WP 255262721.1         YLLPQLERG.NFATRLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFAGKYLQLYLTAYYAREWGNLI  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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logo
NTDB id 1089317 ACLSIV RS10790 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                                      *!!*!**!!***!**!****!*!*!******* *! *!*********!**!!*!*!!!!**!*!!!*!!**!****!**!

logo
NTDB id 1089317 ACLSIV RS10790 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 $\geq$ 50% conserved