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logo
NTDB id 251429 CR541 RS05525 WP 012027074.1   MPKRIGKLVYTDKFSFFIRYFAVFTLIFGLMTAIIFQLMRSTMYQNSDNTLKRIKEEPAMAVGFAIARTYEPNSVFILQD   80
NTDB id 363 SMU RS05195 WP 002262215.1        MLIKLRKQKQDENISFFSHFFAVFTGIFFVMTVIIIQVMHFGIYSSVDNSLKIATENVNDYVNMTLSHNN.PITEAENGD   79
NTDB id 259 KZH43 RS03480 WP 000491790.1      MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 218 SPD RS03780 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 184 SPR RS03565 WP 000491790.1        MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
NTDB id 148 SP RS03910 WP 000491790.1         MFSKLKKTWYADDFSYFIRNFGVFTLIFSTMTLIILQVMHSSLYTSVDDKLHGLSENPQAVIQLAINRATEEIKDLENAR   80
consensus                                     !*****!*******!*!***!*!!!*!!**!!*!!*!*!****!***!**!****!**********************

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NTDB id 251429 CR541 RS05525 WP 012027074.1   SPTSEETTSSSSDSMPVPKEQKNTRDGDQLRLGVNTHVLLYSKS.GEMVNPDTFTGLANLPLDKEKLGEIKETTVESSFG   159
NTDB id 363 SMU RS05195 WP 002262215.1        ............ASFKV.........KSNGQMAANTDTILYDKKHNVINNVNAFSSLYHIRPKLKDIGDIVEQEAKNIYG   138
NTDB id 259 KZH43 RS03480 WP 000491790.1      ............ADASKV.........EIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG   140
NTDB id 218 SPD RS03780 WP 000491790.1        ............ADASKV.........EIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG   140
NTDB id 184 SPR RS03565 WP 000491790.1        ............ADASKV.........EIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG   140
NTDB id 148 SP RS03910 WP 000491790.1         ............ADASKV.........EIKPNVSSNTEVILFDKDFTQLLSGNRFLGLDKIKLEKKELGHIYQIQVFNSYG   140
consensus                                                 *****!         ********!!***!**!**********!**!**********!*!*********!

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NTDB id 251429 CR541 RS05525 WP 012027074.1   MSEDYRYITIGLATDELGYYSSYDIKYATILVNVSQIKSSIESYESTVAIVMVSAWLISILASIYLSNLSMRPILISYQK   239
NTDB id 363 SMU RS05195 WP 002262215.1        QTEKYRTVTVKVNN.D....FYPQIKFATIVINTTQLEEANTRYVTIIISVMIVFWLISVIASVYLAKWSQKPILENYEK   213
NTDB id 259 KZH43 RS03480 WP 000491790.1      QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK   216
NTDB id 218 SPD RS03780 WP 000491790.1        QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK   216
NTDB id 184 SPR RS03565 WP 000491790.1        QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK   216
NTDB id 148 SP RS03910 WP 000491790.1         QEEIYRVILMETNISS....VSTNIKYAAVLINTSQLEQASQKHEQLIVVVMASFWILSLLASLYLARVSVRPLLESMQK   216
consensus                                     **!*!!**********    ****!!*!****!**!**************!!***!**!**!!*!!***!**!*!****!

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NTDB id 251429 CR541 RS05525 WP 012027074.1   QKDFVENASHELRTPLAVLQNRLESLFRHPETTILESSESIGSSLEEVRNMRLLTTNLLNLARRDDGLKVDMIDVQPNYF   319
NTDB id 363 SMU RS05195 WP 002262215.1        QKSFVENASHELRTPLAVLQNRLESLFRKPEATILDSSESIASSLEEVRNMRMLTANLLNLARRDDGIKPEITEIQPRFF   293
NTDB id 259 KZH43 RS03480 WP 000491790.1      QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF   296
NTDB id 218 SPD RS03780 WP 000491790.1        QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF   296
NTDB id 184 SPR RS03565 WP 000491790.1        QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF   296
NTDB id 148 SP RS03910 WP 000491790.1         QQSFVENASHELRTPLAVLQNRLETLFRKPEATIMDVSESIASSLEEVRNMRFLTTSLLNLARRDDGIKPELAEVPTSFF   296
consensus                                     !**!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!*!!***!!!!*!!!!!!!!!!!*!!**!!!!!!!!!!!*!*********!

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NTDB id 251429 CR541 RS05525 WP 012027074.1   DEIFANYLMIAEENGKTLTVNNLIHQPIRTDKVLIKQLLTILFDNAMKYTDDDGTIQIAANIKDKLVCFTVIDNGLGISD   399
NTDB id 363 SMU RS05195 WP 002262215.1        DDTFKNYEMIARENGKKLHIINKVNRQIKTDKTLLKQLMTILFDNAVKYTDNDGEIWLDVKTTDRSLIFSVADNGQGISD   373
NTDB id 259 KZH43 RS03480 WP 000491790.1      NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST   376
NTDB id 218 SPD RS03780 WP 000491790.1        NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST   376
NTDB id 184 SPR RS03565 WP 000491790.1        NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST   376
NTDB id 148 SP RS03910 WP 000491790.1         NTTFTNYEMIASENNRVFRFENRIHRTIVTDQLLLKQLMTILFDNAVKYTEEDGEIDFLISATDRNLYLLVSDNGIGIST   376
consensus                                     ***!*!!*!!!*!!*******!*****!*!!**!*!!!*!!!!!!!!*!!!!**!!*!*******!******!*!!!*!!!*
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                                                  EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK

NTDB id 251429 CR541 RS05525 WP 012027074.1   VDKKKIFDRFYRVDKARTRQKGGFGLGLSLAQQIIKNLDGEISVRDNQPKGTIFEVRLPK........   459
NTDB id 363 SMU RS05195 WP 002262215.1        EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQITDSLKGSIIVKDKKPQGVMFEARLLANK......   435
NTDB id 259 KZH43 RS03480 WP 000491790.1      EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 218 SPD RS03780 WP 000491790.1        EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 184 SPR RS03565 WP 000491790.1        EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
NTDB id 148 SP RS03910 WP 000491790.1         EDKKKIFDRFYRVDKARTRQKGGFGLGLSLAKQIVDALKGTVTVKDNKPKGTIFEVKIAIQTPSKKKK   444
consensus                                     *!!!
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