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logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL   80
NTDB id 303290 soil367 RS03445 WP 136546924.1 MFGFLTKKGSPVLGIDISSSSIKLLELSKQGDRYRVESYAVEPLPANSVVEKNIADVEAVGEAIKKVVGKAHASAKRAAV   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1      MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI   80
NTDB id 1054 ABD1 RS15870 WP 002014066.1       MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAI   80
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAI   80
consensus                                      !******* ****!*!!!!***!*!!*!*** ** !!*!**************!*****!**** * ******** **!*

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      AVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHR  160
NTDB id 303290 soil367 RS03445 WP 136546924.1 AVSGSAVITKVIQMNAGMNEFEMEDQITLEADQYIPYPLDEVAIDFEVQGPSETNPDQVDVLLAACRKENVDIREDALQV  160
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLEL  160
NTDB id 1054 ABD1 RS15870 WP 002014066.1       AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLEL  160
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLEL  160
consensus                                      !!**! !**!**********!*!*****!**!!!!*!*!!***!!!!* * * ***** !!**!*!*!!!!**!******

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL  240
NTDB id 303290 soil367 RS03445 WP 136546924.1 AGLSARVVDVEAYAMERAFSMIESQLETTGEEQVVAIVDVGATMTTLSVLVDGETVYTREQLFGGRQLTEEIQRRYGLST  240
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AGLTPKVADVESYAMERAFSVFADTLPMG..VNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY  238
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ADLNPKLADVESYAVERAFSVFADSLPMG..ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ADLNPKLADVESYAVERAFSVFADSLPMG..ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
consensus                                      !*! ****!!!*!!*!!*******!*** ****!*!*!***!*!*!** ******!!**!!!*!!* *** *!****

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      EQAIALKNQ..GKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTIVA  318
NTDB id 303290 soil367 RS03445 WP 136546924.1 EEAGLAKKQGGGGLPDDYEGEVLAPFREAVVQQVARALQFFFGSSQYNTVDYVILAGGTASVTGLSEMVEAKVGTATMIA  320
NTDB id 1010 ACIAD RS15195 WP 004923715.1      EEAGRAKKD..GSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIA  316
NTDB id 1054 ABD1 RS15870 WP 002014066.1       EEASRAKKD..RSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA  316
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      EEASRAKKD..RTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA  316
consensus                                      !*! **!** **!!*!** *!**!*******!**!*!!!!***!!****!***!!!!*!***!!*******!*****!

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      NPLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.  354
NTDB id 303290 soil367 RS03445 WP 136546924.1 NPFADMAVGSKVNASALSNDAPSLMIACGLAMRSFD.  356
NTDB id 1010 ACIAD RS15195 WP 004923715.1      NPFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE  353
NTDB id 1054 ABD1 RS15870 WP 002014066.1       NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.  352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.  352
consensus                                      !!***!*****!** ****!! *!!*!!!!!*!***
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X non conserved
X similar
X $\geq$50% conserved