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logo

NTDB id 1253 GC085 RS04835 WP 011215094.1   MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVALAVPDS   85
NTDB id 51047 Q7A RS00295 WP 014705300.1    ...MFGRKKSPLLGIDISSSVVKLLELNKRGDRYTVESYAVEPLPVNAVVEGRIENSDEVAGAIKRAVKRSGTKSRDASVAVSAN   82
NTDB id 1010 ACIAD RS15195 WP 004923715.1  MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAIAVPTS   85
NTDB id 1054 ABD1 RS15870 WP 002014066.1   MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAIAVPTS   85
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAIAVPTS   85
consensus                                  ******** ****!*!!!!**!!*!!***** ** !!*!**************!*****!!*** ********** ****!!***

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1   AVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHRAGLEPKVVDV   170
NTDB id 51047 Q7A RS00295 WP 014705300.1    SAITKVVSFPSSISERDMEENVMLEAENYIPYPLDEVRLDFEVLGPSAADADAVDVLLAASRRENVDARTSVLEKAGLKPRLVDV   167
NTDB id 1010 ACIAD RS15195 WP 004923715.1  MVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLELAGLTPKVADV   170
NTDB id 1054 ABD1 RS15870 WP 002014066.1   TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLELADLNPKLADV   170
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLELADLNPKLADV   170
consensus                                  ****!************!******!**!!!*!*!!**!!!!!* * ******* !!**!*!*!!!**!******!*! !***!!

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NTDB id 1253 GC085 RS04835 WP 011215094.1   ESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNLEQAIALKNQGKLPED   255
NTDB id 51047 Q7A RS00295 WP 014705300.1    EAYTVENAFSLIARQLPNQGNGLTVAVADIGANLTTLHVLVNGKIVFTREQTFGGRMLTEDIERYYGMSYQEAGRAKKDKSLPDD   252
NTDB id 1010 ACIAD RS15195 WP 004923715.1  ESYAMERAFSVFADTLPMGVN..TVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGSLPED   253
NTDB id 1054 ABD1 RS15870 WP 002014066.1   ESYAVERAFSVFADSLPMGAN..TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLPDD   253
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  ESYAVERAFSVFADSLPMGAN..TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRTLPDD   253
consensus                                  !*!**!******!**!!****  *****!!!***!*!*!*********!!**!!!**!* *** *!******! **!****!!*!

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1   YESAVLEPFKDMILLQIKRTLQFFYS.TSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSDA   339
NTDB id 51047 Q7A RS00295 WP 014705300.1    YEPKVLEPFKRSMAVTITRALQFFFSASSQYQSIDHIILAGGCASIEGVDKVVEVETGTSTSIANPFTDMALGARVKVQALSNDA   337
NTDB id 1010 ACIAD RS15195 WP 004923715.1  FTQEVFEPYLEALVQQAARSLQFFFS.SSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVENDA   337
NTDB id 1054 ABD1 RS15870 WP 002014066.1   YEIEVLDPFLDAVVQQAARSLQFFFS.SSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDA   337
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  YEIEVLDPFLDAVVQQAARSLQFFFS.SSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDA   337
consensus                                  ** *!**!*****!*****!*!!!!!*! *!!****!!!*!!!!!*!***!*********!*****!!!***!*****!*******!!

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1   PTLMVACGLALRHVE.   354
NTDB id 51047 Q7A RS00295 WP 014705300.1    PSMMIACGLAMRSFD.   352
NTDB id 1010 ACIAD RS15195 WP 004923715.1  ASLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1   SSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  SSLMVACGLALRSFD.   352
consensus                                   **!*!!!!!*!***
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X non conserved
X similar
X $\geq$50% conserved