```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  ..MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVALAVP   83
NTDB id 54093 M5M RS14445 WP 024330466.1   MGILGFLEKKTKPVIGLDISSTSVKLLELSRQGERYRVESYAVRALPPNAVSEKNIADVEVVADVVKKVVQQAKCKTQNAAVAVA   85
NTDB id 1010 ACIAD RS15195 WP 004923715.1  ..MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAIAVP   83
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAIAVP   83
NTDB id 1054 ABD1 RS15870 WP 002014066.1  ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAIAVP   83
consensus                                   *!****** ****!*!!!!**!!*!!*!*** ** !!*!*************!*****!!*** * ******** **!*!!*

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  DSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHRAGLEPKVV  168
NTDB id 54093 M5M RS14445 WP 024330466.1   GSAVITKLIEMPGGLSDDAMESQISLEADQYIPYPLEEVAIDFEVQGPSPRNPDQVEVLLAACRRENVDLRTEVLEQAGLTPKVV  170
NTDB id 1010 ACIAD RS15195 WP 004923715.1  TSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLELAGLTPKVA  168
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  TSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLELADLNPKLA  168
NTDB id 1054 ABD1 RS15870 WP 002014066.1  TSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLELADLNPKLA  168
consensus                                  *! !**!********!***!******!**!!!*!**!***!!!!* * * ***** !!**!*!*!!!**!*!****!*! !!**

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  DVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNLEQAIALKNQGKLP  253
NTDB id 54093 M5M RS14445 WP 024330466.1   DVEAYTMERAFSLVARQLED.DSDQVVAIVDIGATMTTLSVLLEGKTIYTREQLFGGKQLTEEIQRRYGLSAEEAGLAKKQGGLP  254
NTDB id 1010 ACIAD RS15195 WP 004923715.1  DVESYAMERAFSVFADTLPM.GV.NTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGSLP  251
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  DVESYAVERAFSVFADSLPM.GA.NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRTLP  251
NTDB id 1054 ABD1 RS15870 WP 002014066.1  DVESYAVERAFSVFADSLPM.GA.NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLP  251
consensus                                  !!!*!**!!*****!**!** *  ****!*!!!***!*!*!** ***!**!!**!!!*!!* *** *!****!*! **!***!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  EDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSD  338
NTDB id 54093 M5M RS14445 WP 024330466.1   DDYETDVLLQFKESVVQQVTRSLQFFFSSSQYNDVDHIVLAGGVAAMEGLADLIEEKLGTQTSIANPFASMSVSPRVNAVALASD  339
NTDB id 1010 ACIAD RS15195 WP 004923715.1  EDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVEND  336
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  DDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIEND  336
NTDB id 1054 ABD1 RS15870 WP 002014066.1  DDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIEND  336
consensus                                  *!** *!**********!**!*!!!!*!*!!****!!!*!!!!*!***!!*!****!!*****!!!***! ****!** ****!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  APTLMVACGLALRHVE.   354
NTDB id 54093 M5M RS14445 WP 024330466.1   APSLMIATGLAMRSFDD   356
NTDB id 1010 ACIAD RS15195 WP 004923715.1  AASLMVACGLALRSFDE   353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  ASSLMVACGLALRSFD.   352
NTDB id 1054 ABD1 RS15870 WP 002014066.1   ASSLMVACGLALRSFD.   352
consensus                                  ! *!!*!*!!!*!***
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X non conserved
X similar
X $\geq$50% conserved