```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  ..MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVALAVP   83
NTDB id 31114 CJA RS02025 WP 012486094.1   MGILSFLDKKAKPVIGLDISSTSVKLLELTRSGDRYRVESYSVKPLPPNAVVEKNIADPVAVAEVIRTMVKQSKTKLKHAAVAVA   85
NTDB id 1010 ACIAD RS15195 WP 004923715.1  ..MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAIAVP   83
NTDB id 1054 ABD1 RS15870 WP 002014066.1  ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAIAVP   83
NTDB id 1084 FDQ49 RS11070 WP 004711654.1 ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAIAVP   83
consensus                                  *!****** ****!*!!!!**!!*!!***** ** !!*!***********!*****!!*** * ******* **!*!!*

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  DSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHRAGLEPKVV   168
NTDB id 31114 CJA RS02025 WP 012486094.1   GSAVITKVIDMPAELNEDAMESQIAAEADQYIPFPLEEVALDFEIQGPSPRNPEQVEVLLAACRRENVEVREQVLAESGLLAEKV   170
NTDB id 1010 ACIAD RS15195 WP 004923715.1  TSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLELAGLTPKVA   168
NTDB id 1054 ABD1 RS15870 WP 002014066.1  TSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLELADLNPKLA   168
NTDB id 1084 FDQ49 RS11070 WP 004711654.1 TSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLELADLNPKLA   168
consensus                                  *! !**!************!******!**!!!*!**!**!!!!** * * ***** !!**!*!*!!!**!********! ****

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  DVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNLEQAIALKNQGKLP   253
NTDB id 31114 CJA RS02025 WP 012486094.1   DIEAYCMERAFELIAEQLED.QEGQVVAIIDIGATMTTLSVLVDGKTVYTREQLFGGRQLTEEIQRRYGLSREEAGLAKKQGGLP   254
NTDB id 1010 ACIAD RS15195 WP 004923715.1  DVESYAMERAFSVFADTLPM.G.VNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGSLP   251
NTDB id 1054 ABD1 RS15870 WP 002014066.1  DVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLP   251
NTDB id 1084 FDQ49 RS11070 WP 004711654.1 DVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRTLP   251
consensus                                  !*!*!**!!*****!**!** * *****!*!!!***!*!*!** ******!!**!!!*!!* *** *!****!*! **!****!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  EDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSD   338
NTDB id 31114 CJA RS02025 WP 012486094.1   DDYEMEVLNPFKDAVVQQVTRSLQFFFSASQYNDVDYIILAGGVASLEGLVGLIEEKLGTQTVVANPFARMSVSSRVNAVSLATD   339
NTDB id 1010 ACIAD RS15195 WP 004923715.1  EDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVEND   336
NTDB id 1054 ABD1 RS15870 WP 002014066.1  DDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIEND   336
NTDB id 1084 FDQ49 RS11070 WP 004711654.1 DDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIEND   336
consensus                                  *!*****!**!*******!**!*!!!!*!*!!****!*!*!!!!*!***!!**!****!!*****!!!***! ****!** ****!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  APTLMVACGLALRHVE.   354
NTDB id 31114 CJA RS02025 WP 012486094.1   APSLMIVTGLAMRSFD.   355
NTDB id 1010 ACIAD RS15195 WP 004923715.1  AASLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1   ASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  ASSLMVACGLALRSFD.   352
consensus                                  ! *!!***!!!*!***
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X non conserved
X similar
X $\geq$50% conserved