```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      MLKLLKPKHRSILGIDISSSAVKILEISGS.GEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVA   79
NTDB id 1010 ACIAD RS15195 WP 004923715.1      MLRLYRRPKKGLVGVDISSTSVKVLELSVKNN.QYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAA   79
NTDB id 1009457 ABJ384 RS01460 WP 349928475.1  MLRLYRKPNKGLIGVDISSTSVKLLELSVKSGNRYWVESYALIPLPEGSVVEKNILNPEAVGDALERALNLANTQCTAAA   80
NTDB id 1054 ABD1 RS15870 WP 002014066.1       MLRLYRKPNKGLMGVDISSTSVKLLELSVKNG.KYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAA   79
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      MLRLYRKPNKGLMGVDISSTSVKLLELSVKNG.KYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAA   79
consensus                                      !!*!********!*!!!!**!!*!!*!**** ***!!*!*************!*****!*****************!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      LAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAH  159
NTDB id 1010 ACIAD RS15195 WP 004923715.1      IAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLE  159
NTDB id 1009457 ABJ384 RS01460 WP 349928475.1  LAVPTSLVITKTIEMDADMTDDEREVQIRMDAEQYIPFPLDEASLDFEVLPDRLANPNRVNVLLVATRLENVEARAEVLE  160
NTDB id 1054 ABD1 RS15870 WP 002014066.1       IAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLE  159
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      IAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLE  159
consensus                                      *!!!*! !**!*********!*!*!******!**!!!*!*!!**!!!!!************!!**!*!*!!!**!*!***

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      RAGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMN  239
NTDB id 1010 ACIAD RS15195 WP 004923715.1      LAGLTPKVADVESYAMERAFSVFADTLPMGV..NTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMS  237
NTDB id 1009457 ABJ384 RS01460 WP 349928475.1  LANLKPKIADVESFALENAYKVFSDTLPIGV..NTVGILDIGHTMTTLSVMQNNKVIYTREQVFGGKQLTQEIQNRYGLS  238
NTDB id 1054 ABD1 RS15870 WP 002014066.1       LADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLS  237
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      LADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLS  237
consensus                                      *! ! !!**!!!!*!*!*********!!***  ****!*!!!***!*!*!******!**!!**!!!*!!* *** *!***

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      LEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVAN  319
NTDB id 1010 ACIAD RS15195 WP 004923715.1      YEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIAN  317
NTDB id 1009457 ABJ384 RS01460 WP 349928475.1  FEEAGRAKKTRSLPDDYDVEVLEPFLEAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIAN  318
NTDB id 1054 ABD1 RS15870 WP 002014066.1       LEEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIAN  317
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      LEEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIAN  317
consensus                                      *!*! **!****!!*!***!**!*******!**!*!!!!*!*!!****!!!!!!!!!*!***!!**!*!**!!***!*!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      PLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 1010 ACIAD RS15195 WP 004923715.1      PFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1009457 ABJ384 RS01460 WP 349928475.1  PFLQMGFSPQIDIKKIENDASSLMVACGLALRSFD.   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1       PFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      PFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                      !***!*!****** ****!!**!!!!!!!!!!***
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X non conserved
X similar
X $\geq$50% conserved