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logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      .MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVA   79
NTDB id 154349 KS2013 RS01810 WP 068988849.1   MVLGLFKKKQVPVIGIDISSTAVKVLQLGKSGGRFRVDRYAVEPLPQGAVVERDIRDTEAVGNAIKKAVQKAQAKTKDAA   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1      .MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAA   79
NTDB id 1054 ABD1 RS15870 WP 002014066.1       .MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAA   79
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      .MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAA   79
consensus                                       *!*!*********!*!!!!**!!*!********* !**!**************!*****!**** ********** **!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      LAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAH   159
NTDB id 154349 KS2013 RS01810 WP 068988849.1   VAVSGSAVITRSIQMEKGLTDQEMEDTIKVEADQYIPYPLEEVNLDFEVLGDSPNDDNMVDVLLAASRSINVDTRIDALE   160
NTDB id 1010 ACIAD RS15195 WP 004923715.1      IAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLE   159
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 154349 KS2013 RS01810 WP 068988849.1   IAGLTPKIVDIEAYAIERAYQLTKKKTIEHMEDSVVAIVDIGATMTSLNVLQNGQVIYNREQLFGGNQLTEEIQSRYGLS   240
NTDB id 1010 ACIAD RS15195 WP 004923715.1      LAGLTPKVADVESYAMERAFSVFADT..LPMGVNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMS   237
NTDB id 1054 ABD1 RS15870 WP 002014066.1       LADLNPKLADVESYAVERAFSVFADS..LPMGANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLS   237
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      LADLNPKLADVESYAVERAFSVFADS..LPMGANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLS   237
consensus                                      *!*! !!**!*!*!!*!!********  **** ****!*!!!***!*!*!******!**!!**!!!*!!* *****!***

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1      LEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVAN   319
NTDB id 154349 KS2013 RS01810 WP 068988849.1   YQEAGLAKKQGSLPDDYESEVLMPFAEIITQQVGRALQFFFSASEFSSVNEVILAGGCASIDGLDGMIQEHLGTPTRVAN   320
NTDB id 1010 ACIAD RS15195 WP 004923715.1      YEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIAN   317
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 154349 KS2013 RS01810 WP 068988849.1   PFADMSISSHVNTQALSADAPAMMISCGLALRSFD.   355
NTDB id 1010 ACIAD RS15195 WP 004923715.1      PFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   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