```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL    80
NTDB id 321422 EAW52 RS18265 WP 019363985.1  MLGLFKKKTNTLLGIDISSTSVKLLELSRAGGRYRVEAYAVEPLPPNAVVEKNIAELEGVGQALGRVLAKARTNARNAAV    80
NTDB id 1010 ACIAD RS15195 WP 004923715.1    MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI    80
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAI    80
NTDB id 1054 ABD1 RS15870 WP 002014066.1     MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAI    80
consensus                                    !!*!**** ****!*!!!!**!!*!!*!******* !!*!**************!*****!**** * ******** **!*

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     AVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHR   160
NTDB id 321422 EAW52 RS18265 WP 019363985.1  AVAGSAVIAKTIEMDAGLSDDELENQIKLEADQYIPYPLEEVAIDFEVQGQSARNPGRVEVLLAACRKENVEVREAALAL   160
NTDB id 1010 ACIAD RS15195 WP 004923715.1    AVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLEL   160
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLEL   160
NTDB id 1054 ABD1 RS15870 WP 002014066.1     AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLEL   160
consensus                                    !!**! !**!*********!*!*!*****!**!!!!*!**!***!!!!* * * ***** !!**!*!*!!!**!******

logo
AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL   240
NTDB id 321422 EAW52 RS18265 WP 019363985.1  AGLSAKVIDVEAYALERAYTLMAGQLGGNVDELTVAIVDIGATMTTLSVLHNGRTIYTREQLFGGRQLTEEIQRRYGLSI   240
NTDB id 1010 ACIAD RS15195 WP 004923715.1    AGLTPKVADVESYAMERAFSVFADTLPMGV..NTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY   238
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    ADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL   238
NTDB id 1054 ABD1 RS15870 WP 002014066.1     ADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL   238
consensus                                    !*! *!**!!!*!!*!!*****!**!**** ****!*!!!***!*!*!******!**!!**!!!*!!* *** *!****

logo
EQAIALKNQCKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANP   320
NTDB id 321422 EAW52 RS18265 WP 019363985.1  EEAGLAKKQGGLPDDYQVEVLTPFRDAVVQQVARSLQFFFAAGQYNDVDYILLAGGTASISGLDRLIQQKIGTPTLVANP   320
NTDB id 1010 ACIAD RS15195 WP 004923715.1    EEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANP   318
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    EEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP   318
NTDB id 1054 ABD1 RS15870 WP 002014066.1     EEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP   318
consensus                                    !*! **!****!!*!****!**!*******!**!*!!!!****!****!*!!!!!!*!***!!**!*!***!*****!!!

logo
LSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 321422 EAW52 RS18265 WP 019363985.1  FADMTLNSKVNASALASDAPALMIACGLAMRSFD.   354
NTDB id 1010 ACIAD RS15195 WP 004923715.1    FLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1054 ABD1 RS15870 WP 002014066.1     FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                    ***! ****!** ****!! *!!*!!!!!*!***
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X non conserved
X similar
X $\geq$ 50% conserved