```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL    80
NTDB id 1010 ACIAD RS15195 WP 004923715.1     MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI    80
NTDB id 158500 AN415 RS01810 WP 002014066.1  MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAI    80
NTDB id 1054 ABD1 RS15870 WP 002014066.1     MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAI    80
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAI    80
consensus                                    !!*!********!*!!!!**!!*!!*!*******!!*!**************!*****!!****************!*

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     AVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHR   160
NTDB id 1010 ACIAD RS15195 WP 004923715.1     AVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLEL   160
NTDB id 158500 AN415 RS01810 WP 002014066.1  AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLEL   160
NTDB id 1054 ABD1 RS15870 WP 002014066.1     AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLEL   160
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLEL   160
consensus                                    !!!*!*!**!********!*!*!******!**!!!*!*!!**!!!!!***********!!**!*!*!!!*!!*!****

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL   240
NTDB id 1010 ACIAD RS15195 WP 004923715.1     AGLTPKVADVESYAMERAFSVFADTLPMGV..NTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY   238
NTDB id 158500 AN415 RS01810 WP 002014066.1  ADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL   238
NTDB id 1054 ABD1 RS15870 WP 002014066.1     ADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL   238
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    ADLNPKLADVESYAVERAFSVFADSLPMGA..NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL   238
consensus                                    !*!*!!**!!!!!!*!!*****!**!!***  ****!*!!!***!*!*!******!**!!**!!!*!!*******!****

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     EQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANP   320
NTDB id 1010 ACIAD RS15195 WP 004923715.1     EEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANP   318
NTDB id 158500 AN415 RS01810 WP 002014066.1  EEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP   318
NTDB id 1054 ABD1 RS15870 WP 002014066.1     EEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP   318
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    EEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP   318
consensus                                    !*!***!****!!*!****!**!*******!**!*!!!!*!*!!****!!!!!!!!!*!***!!**!*!**!!***!*!!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1     LSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 1010 ACIAD RS15195 WP 004923715.1     FLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 158500 AN415 RS01810 WP 002014066.1  FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1054 ABD1 RS15870 WP 002014066.1     FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1    FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                    ***!*!***!*******!!**!!!!!!!!!!***
```

X non conserved
X similar
X $\geq$ 50% conserved