```
logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      ..MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNV   78
NTDB id 109910 ACGHTT RS15950 WP 390591929.1  MGILGFLEKKTKPVIGLDISSTSVKLLELSRQGERYRVESYAVRALPPNAVSEKNIADVEVVADVIKKVAQQAKCKTQFA   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1      ..MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINA   78
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHA   78
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNA   78
consensus                                        *!****** ****!*!!!!**!!*!!*!*** ** !!*!*************!*****!!*** * ******** **

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      ALAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAA   158
NTDB id 109910 ACGHTT RS15950 WP 390591929.1  AVAVAGSAVITKLIEMPSGLSDDAMETQISLEADQYIPYPLEEVAIDFEVQGPSPRNPDQVEVLLAACRRENVDLRSAVL   160
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AIAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVL   158
NTDB id 1054 ABD1 RS15870 WP 002014066.1       AIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVL   158
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      AIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVL   158
consensus                                      !*!!**! !**!********!***!******!**!!!*!**!***!!!!* * * ***** !!**!*!*!!!**!****

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      HRAGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHM   238
NTDB id 109910 ACGHTT RS15950 WP 390591929.1  EQAGLIPKVVDVEAYTMERAFSLVARQFED.DSDQVVAILDIGATMTTLSVLLEGKTIYTREQLFGGKQLTEEIQRRYGL   239
NTDB id 1010 ACIAD RS15195 WP 004923715.1      ELAGLTPKVADVESYAMERAFSVFADTLPM.G.VNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGM   236
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ELADLNPKLADVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGL   236
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ELADLNPKLADVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGL   236
consensus                                      **!*! !!**!!!*!**!!*****!*****  *  ****!*!!!***!*!*!** ***!**!!**!!!*!!* *** *!**

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      NLEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVA   318
NTDB id 109910 ACGHTT RS15950 WP 390591929.1  SAEEAGLAKKQGGLPDDYETEVLLQFKESVVQQVTRSLQFFFSSSQYNDVDHIVLAGGVAAMDGLAELIEEKLGTQTTIA   319
NTDB id 1010 ACIAD RS15195 WP 004923715.1      SYEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIA   316
NTDB id 1054 ABD1 RS15870 WP 002014066.1       SLEEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA   316
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      SLEEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA   316
consensus                                      **!*! **!****!!*!** *!**********!**!*!!!!*!*!!****!!!*!!!!*!***!!*!*!****!!***!*!

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      NPLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 109910 ACGHTT RS15950 WP 390591929.1  NPFSSMSVSPKVNAVALAADAPSLMIATGLAMRSFED   356
NTDB id 1010 ACIAD RS15195 WP 004923715.1      NPFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1       NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                      !!***! ****!** ****!! *!!*!*!!!*!***
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X non conserved
X similar
X $\geq$ 50% conserved