```
logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      ..MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNV   78
NTDB id 109867 ACGHM3 RS01960 WP 345419217.1  MGILGIFESKPKPVLGLDISSTAIKLVELSRQGSGYRVESYAVRPLPPNAVVEKNINEVEAVAEVLRNLVVLGKTKIKNS   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1      ..MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTFSINLANPQAINA   78
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNA   78
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ..MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHA   78
consensus                                        *!******* ****!*!!!!***!**!*!***  * !!*!*************!*****!!*** * *******  **

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      ALAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAA  158
NTDB id 109867 ACGHM3 RS01960 WP 345419217.1  AVAVSGSAVITKNIEMPSGLSDDALETQITLEADQYIPYPLEEVALDFEVQGSSATTEGQVDVLLAACRREHVDLRVEVL  160
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AIAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVL  158
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      AIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVL  158
NTDB id 1054 ABD1 RS15870 WP 002014066.1       AIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVL  158
consensus                                      !*!!**! !**! ********!***!*****!**!!!*!**!**!!!!!* * * ***** !!**!*!*!*!**!*!**

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      HRAGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHM  238
NTDB id 109867 ACGHM3 RS01960 WP 345419217.1  EQAGLEAKIIDVEAFTMERAFGLIADQLEE.HDDQVIAIVDVGATMTTLSVLVSGKTVYTREQLFGGKQLTEEIQRRYGL  239
NTDB id 1010 ACIAD RS15195 WP 004923715.1      ELAGLTPKVADVESYAMERAFSVFADTLPM.G.VNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGM  236
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ELADLNPKLADVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGL  236
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ELADLNPKLADVESYAVERAFSVFADSLPM.G.ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGL  236
consensus                                      **!*! *!**!!!****!!*****!*!** *  ****!*!*!***!*!*!** ******!!**!!!*!!* *** *!**

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      NLEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVA  318
NTDB id 109867 ACGHM3 RS01960 WP 345419217.1  STEEAGLAKKQGGLPDDYQLEVLEPFKEAVVQQVTRSLQFFFSSSQYNDVDHIVLAGGVATLEGLADLVEEKLGTQTTVA  319
NTDB id 1010 ACIAD RS15195 WP 004923715.1      SYEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIA  316
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      SLEEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA  316
NTDB id 1054 ABD1 RS15870 WP 002014066.1       SLEEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIA  316
consensus                                      **!*! **!****!!*!****!**!*******!**!*!!!!*!*!!****!!!*!!!!*!***!!*!****!!***!*!

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1      NPLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 109867 ACGHM3 RS01960 WP 345419217.1  NPFAKMSVSSRVNSVNLANDAPALMIAVGLALRSFE.   355
NTDB id 1010 ACIAD RS15195 WP 004923715.1      NPFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1054 ABD1 RS15870 WP 002014066.1       NPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                      !!***! ****!** ****!! *!!*!*!!!!!***
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X non conserved
X similar
X $\geq$ 50% conserved