```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVALAVPDS   85
NTDB id 68536 sS8 RS25735 WP 119632259.1   .MFFLNRKRPQLLGIDISTAAVKLLELSKNGQRYRVESYAVAPLPLDAVIDKNIAKVEIIGSVIKSVIKQAGTRLKHAAVAVPSS   84
NTDB id 1010 ACIAD RS15195 WP 004923715.1  MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAIAVPTS   85
NTDB id 1054 ABD1 RS15870 WP 002014066.1   MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAIAVPTS   85
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAIAVPTS   85
consensus                                  ******** ****!*!!!***!!*!!*!*** ** !!*!*************!********** * ******** **!*!!!*!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  AVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHRAGLEPKVVDV  170
NTDB id 68536 sS8 RS25735 WP 119632259.1   SVITKMISMPASLNEDDLEAQIELEADQYIPYSLDEVSLDFEVQGRAVKNPDMVDVLLVASRKENVEDRVAALEMAGLKAEIVDV  169
NTDB id 1010 ACIAD RS15195 WP 004923715.1  MVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLELAGLTPKVADV  170
NTDB id 1054 ABD1 RS15870 WP 002014066.1   TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLELADLNPKLADV  170
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  TVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLELADLNPKLADV  170
consensus                                  *!**!************!******!**!!!***!!**!!!!!* * * ***** !!**!*!*!!!**!******!*! ****!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  ESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNLEQAIALKNQGKLPED  255
NTDB id 68536 sS8 RS25735 WP 119632259.1   ESYALENACNLILDQLPGYSPDQTIAVADVGSTMTALNVMHDRRIIYTREQGFGGKQLTEEIQRRYGLSYEEAGLAKKHGGLPDN  254
NTDB id 1010 ACIAD RS15195 WP 004923715.1  ESYAMERAFSVFADTLPMG..VNTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGSLPED  253
NTDB id 1054 ABD1 RS15870 WP 002014066.1   ESYAVERAFSVFADSLPMG..ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLPDD  253
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  ESYAVERAFSVFADSLPMG..ANTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRTLPDD  253
consensus                                  !!!!*!********!!**   ******!*!***!*!*!** ***!**!!**!!!*!!* *** *!****!*! **!***!!**

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  YESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSDAP  340
NTDB id 68536 sS8 RS25735 WP 119632259.1   YLLEVLEPFKQAMAQQIGRSLQFFLSSSSHRTVDGLVLAGGCGSIHGIDRFVEGVLGIPTTAANPFGHMSLAPRIKPQSLNNDAP  339
NTDB id 1010 ACIAD RS15195 WP 004923715.1  FTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVENDAA  338
NTDB id 1054 ABD1 RS15870 WP 002014066.1   YEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDAS  338
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  YEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDAS  338
consensus                                  ****!**!*******!**!*!!!!*!*!*****!***!!!!*****!********!!***!*!!!***!  **************!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1  TLMVACGLALRHVE.   354
NTDB id 68536 sS8 RS25735 WP 119632259.1   ALMTACGLALRSLD.   353
NTDB id 1010 ACIAD RS15195 WP 004923715.1  SLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1   SLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1  SLMVACGLALRSFD.   352
consensus                                  *!!*!!!!!!!***
```

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