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logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1       MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL   80
NTDB id 1040995 ABRP31 RS25035 WP 087271122.1   MFELFSKKANTLLGIDISSTSVKLLELSRSGTRYKVESYAVEPLPANAVIEKNIAELEGVGNALTRVLVKARTSVKSVAV   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1       MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI   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 GCO85 RS04835 WP 011215094.1       AVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHR  160
NTDB id 1040995 ABRP31 RS25035 WP 087271122.1   AVAGSAVITKTIEMDAGLSDDDMENQLKIEADQYIPYPLEEVAIDFEVQGYSLRNPERVEVLLAACRKENVEVREAALAL  160
NTDB id 1010 ACIAD RS15195 WP 004923715.1       AVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLEL  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 GCO85 RS04835 WP 011215094.1       AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL  240
NTDB id 1040995 ABRP31 RS25035 WP 087271122.1   AGLSARVVDVEAYALERAFGLLSAQLGNGHDQLTVAIVDIGATMTTLSVLHNGRIIYTREQLFGGRQLTEEIQRRYGLSV  240
NTDB id 1010 ACIAD RS15195 WP 004923715.1       AGLTPKVADVESYAMERAFSVFADTLPMGVN..TVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY  238
NTDB id 1054 ABD1 RS15870 WP 002014066.1        ADLNPKLADVESYAVERAFSVFADSLPMGAN..TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
NTDB id 1084 FDQ49 RS11070 WP 004711654.1       ADLNPKLADVESYAVERAFSVFADSLPMGAN..TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
consensus                                       !*! ****!!!*!!*!!*******!*****  ***!*!!!***!*!*!******!**!!**!!!*!!* *** *!****

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1       EQAIALKNQCKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANP  320
NTDB id 1040995 ABRP31 RS25035 WP 087271122.1   EEAGLAKKQGGLPDDYLSEVLQPFKDAVVQQVSRSLQFFFAAGQYSAVDYIMLAGGTASVSGLDNLVQQRIGTPTLVANP  320
NTDB id 1010 ACIAD RS15195 WP 004923715.1       EEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANP  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 GCO85 RS04835 WP 011215094.1       LSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 1040995 ABRP31 RS25035 WP 087271122.1   FADMALGAKVNAGALATDAPALMIACGLALRSFD.   354
NTDB id 1010 ACIAD RS15195 WP 004923715.1       FLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1        FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1       FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                       ***!*****!** ****!! *!!*!!!!!!!***
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X non conserved
X similar
X $\geq$50% conserved