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logo

NTDB id 1253 GC085 RS04835 WP 011215094.1     MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL   80
NTDB id 281048 C7S18 RS16650 WP 106892634.1  .MALFSTKSPPLIGIDISSTAVKLLQLSQSGGRFRVEHYAVEPLPPNAVVEKNIVEVEAVGEAIKRALQRSQTRLRHAAA   79
NTDB id 1010 ACIAD RS15195 WP 004923715.1    MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI   80
NTDB id 1054 ABD1 RS15870 WP 002014066.1     MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQITHAAI   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 281048 C7S18 RS16650 WP 106892634.1  AVAGSAVITKTIPMPADLSEEDLEGAIQGEAQQYIPYPLEEVSMDFEVLGPVKDNPEMMNVMLAASRTENVELRVAALDL  159
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

AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL  240
GGLQAKVVDVEAFCMENAYKLVADQLSV.PKDATVAVFDIGATMTTLIVLKNQRSIYTREQVFGGKQLTDEIMRRYGLSY  238
AGLTPKVADVESYAMERAFSVFADTLPM.GV.NTVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY  238
ADLNPKLADVESYAVERAFSVFADSLPM.GA.NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
ADLNPKLADVESYAVERAFSVFADSLPM.GA.NTIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
**!**!**!!!****!******!**!** *  ******!!!***!*!*!******!**!!**!!!*!!* *** *!****

logo

EQAIALKNQCKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANP  320
EEAGMAKRQGGLPESYEIEVLEPFKEAMVQQVSRLLQFFFAGTEYNKVDQIVLAGGCASIIGIAEMVEEQIGVPTVVANP  318
EEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANP  318
EEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP  318
EEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP  318
consensus                                    !*! **!****!!******!**!*******!**!*!!!!*********!*!*!!!!*!***!********!*****!!!

logo

NTDB id 1253 GC085 RS04835 WP 011215094.1     LSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 281048 C7S18 RS16650 WP 106892634.1  LAAMTLSSRVQAPAIAQDAPSLMIACGLALRSFD.   352
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