logo



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NTDB id 1253 GCO85 RS04835 WP 011215094.1      MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVAL  80
NTDB id 1039713 ACCQ02 RS17785 WP 039423791.1  .MGLLPKSQSPLIGVDISSTAVKLLQLSRSGNRFRVEHYAVEPLPPNAVVEKNIVEVEAVGEAIRRAINRSGSKAKNAAA  79
NTDB id 1010 ACIAD RS15195 WP 004923715.1      MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQAINAAI  80
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTNAAI  80
NTDB id 1054 ABD1 RS15870 WP 002014066.1       MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQTTHAAI  80
consensus                                      ***!*******!*!!!!**!!*!**!***  **  !!*!***************!*****!****  **********  **!*
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NTDB id 1253 GCO85 RS04835 WP 011215094.1      AVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHR  160
NTDB id 1039713 ACCQ02 RS17785 WP 039423791.1  AVAGSAVITKLIPMPADLDDSDLEAQVELEATNYIPYPIEEVNLDFEVLGPMPNSPDMVQVLLAASRSENVELRQSALEL  159
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTENVDTRIEVLEL  160
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTENVETRVEVLEL  160
NTDB id 1054 ABD1 RS15870 WP 002014066.1       AVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTENVETRVEVLEL  160
consensus                                      !!**!  !**!*********!***!******!**!!!*!**!**!!!!!* * * *****!!**!*!*!!!**!******
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logo



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NTDB id 1253 GCO85 RS04835 WP 011215094.1      AGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNL  240
NTDB id 1039713 ACCQ02 RS17785 WP 039423791.1  GGLTAKVMDVEAFAVENAFALVASELPV.AADAVVALVDIGATMTTLSVLRSGRSLYSREQVFGGKQLTDEVMRRYGLTY  238
NTDB id 1010 ACIAD RS15195 WP 004923715.1      AGLTPKVADVESYAMERAFSVFADTLPM.GVNT.VGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSY  238
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      ADLNPKLADVESYAVERAFSVFADSLPM.GANT.IGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
NTDB id 1054 ABD1 RS15870 WP 002014066.1       ADLNPKLADVESYAVERAFSVFADSLPM.GANT.IGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSL  238
consensus                                      **!  *!**!!!**!*!******!**!!*  ****  ****!!!***!*!*!**  ******!!**!!!*!!*  ***  *!****
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logo



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NTDB id 1253 GCO85 RS04835 WP 011215094.1      EQAIALKNQCKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANP  320
NTDB id 1039713 ACCQ02 RS17785 WP 039423791.1  EEAGLAKRQCGLPESYEVEVLEPFKEATVQQISRLLQFFYAGSEFNRVDCIVLAGGCAALSRLPEMVEEQLGVTTVVANP  318
NTDB id 1010 ACIAD RS15195 WP 004923715.1      EEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANP  318
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      EEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP  318
NTDB id 1054 ABD1 RS15870 WP 002014066.1       EEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANP  318
consensus                                      !*!  **!****!!*****!**!*******!**!*!!!!***!*****!*!*!!!!*!****!*******!!*****!!!
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logo



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NTDB id 1253 GCO85 RS04835 WP 011215094.1      LSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.  354
NTDB id 1039713 ACCQ02 RS17785 WP 039423791.1  LAQMTLGPKVQAHALALDAPALMIATGLALRSFD.  352
NTDB id 1010 ACIAD RS15195 WP 004923715.1      FLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE  353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1      FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.  352
NTDB id 1054 ABD1 RS15870 WP 002014066.1       FLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.  352
consensus                                      ***!  ****!**  ****!!  *!!*!*!!!!!***
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X non conserved
X similar
X $\geq$50% conserved