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logo

NTDB id 1253 GCO85 RS04835 WP 011215094.1   MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTSKNVALAVPDS   85
NTDB id 131842 NZ30 RS05450 WP 003471536.1  .MGLIPKSQQPLIGVDISSTAVKLLQLSRSGNRFRVEHYAVEPLPPNAVVEKNIVEVEAVGEAIRRAVTRSGTRARHAAAAVAGS   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                                  ***!*********!*!!!!**!!*!**!*** ** !!*!**************!*****!**** ********** **!*!!**!

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NTDB id 1253 GCO85 RS04835 WP 011215094.1   AVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAENVNTRVEAAHRAGLEPKVVDV   170
NTDB id 131842 NZ30 RS05450 WP 003471536.1  AVITKLIPMPAELDESELEAQVELEAVNYIPYPIEEVNLDFEVLGIIPNNPEMVQVLLAASRSENVELRQSALELGGLIAKVMDV   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

ESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGGMQLVEAIAEHYHMNLEQAIALKNQGKLPED   255
EAFAVENAFAMVASELPVA.ADGVVALVDIGATMTTLNVLRGGRSLYSREQVFGGKQLTDEVMRRYGLTYEEAGMAKRQGGLPES   253
ESYAMERAFSVFADTLPMG.VN.TVGILDIGHTMTTLSVMQKGKIIYTREQVFGGKQLTQEVQKRYGMSYEEAGRAKKDGSLPED   253
ESYAVERAFSVFADSLPMG.AN.TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRSLPDD   253
ESYAVERAFSVFADSLPMG.AN.TIGILDIGHTMTTLSVMQNGKIIYTREQVFGGKQLTLEIQSRYGLSLEEASRAKKDRTLPDD   253
!**!*!******!**!!** ** *****!!!***!*!*!** ******!!**!!!*!!* *** *!****!*! **!***!!**

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YESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSDAP   340
YAIEVLEPFKEATVQQISRLLQFFYAGSEFNRVDHIVLAGGCAALAGLPEMVEEQLGVATVVANPLAQMTLGPKVQAHALAQDAP   338
FTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVENDAA   338
YEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDAS   338
YEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDAS   338
****!**!*******!**!*!!!!***!*****!!!*!!!!*!***!!*******!!*****!!!***! ****!** ****!!

logo

NTDB id 1253 GCO85 RS04835 WP 011215094.1   TLMVACGLALRHVE.   354
NTDB id 131842 NZ30 RS05450 WP 003471536.1  ALMIATGLALRSFD.   352
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                                  *!!*!*!!!!!***
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X non conserved
X similar
X $\geq$ 50% conserved