```
logo
NTDB id 1253 GC085 RS04835 WP 011215094.1          MLKLLKPKHRSILGIDISSSAVKILEISGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCIKKLVERLKFTS   75
NTDB id 227553 XppCFBP6164P RS17400 WP 011348458.1 .MGLLPKSQSPLIGVDISSTAVKLLQLSRSGNRFRVEHYAVEPLPPNAVVEKNIVEVEAVGEAIRRAINRSGSKA   74
NTDB id 1010 ACIAD RS15195 WP 004923715.1          MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADALTRSINLANPQA   75
NTDB id 1084 FDQ49 RS11070 WP 004711654.1          MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQT   75
NTDB id 1054 ABD1 RS15870 WP 002014066.1           MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEALERAMNLANPQT   75
consensus                                          ***!*********!*!!!!**!!*!**!*** ** !!*!**************!*****!**** **********

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1          KNVALAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIVASRAEN  150
NTDB id 227553 XppCFBP6164P RS17400 WP 011348458.1 KNAAAAVAGSAVITKLIPMPADLDDSDLEAQVELEATNYIPYPIEEVNLDFEVLGPMPNSPDMVQVLLAASRSEN  149
NTDB id 1010 ACIAD RS15195 WP 004923715.1          INAAIAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIAATRTEN  150
NTDB id 1084 FDQ49 RS11070 WP 004711654.1          TNAAIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLVATRTEN  150
NTDB id 1054 ABD1 RS15870 WP 002014066.1           THAAIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLVATRTEN  150
consensus                                           **!*!!**! !**!*********!***!******!**!!!*!**!**!!!!!* * * *****!!**!*!*!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1          VNTRVEAAHRAGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFGG  225
NTDB id 227553 XppCFBP6164P RS17400 WP 011348458.1 VELRQSALELGGLTAKVMDVEAFAVENAFALVASELPV.AADAVVALVDIGATMTTLSVLRSGRSLYSREQVFGG  223
NTDB id 1010 ACIAD RS15195 WP 004923715.1          VDTRIEVLELAGLTPKVADVESYAMERAFSVFADTLPM.GVNT.VGILDIGHTMTTLSVMQKGKIIYTREQVFGG  223
NTDB id 1084 FDQ49 RS11070 WP 004711654.1          VETRVEVLELADLNPKLADVESYAVERAFSVFADSLPM.GANT.IGILDIGHTMTTLSVMQNGKIIYTREQVFGG  223
NTDB id 1054 ABD1 RS15870 WP 002014066.1           VETRVEVLELADLNPKLADVESYAVERAFSVFADSLPM.GANT.IGILDIGHTMTTLSVMQNGKIIYTREQVFGG  223
consensus                                          !**!********! *!**!!!**!*!******!**!!* **** ****!!!***!*!*!** ******!!**!!!

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1          MQLVEAIAEHYHMNLEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQ  300
NTDB id 227553 XppCFBP6164P RS17400 WP 011348458.1 KQLTDEVMRRYGLTYEEAGLAKRQGGLPESYEVEVLEPFKEATVQQISRLLQFFYAGSEFNRVDCIVLAGGCAAL  298
NTDB id 1010 ACIAD RS15195 WP 004923715.1          KQLTQEVQKRYGMSYEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANI  298
NTDB id 1084 FDQ49 RS11070 WP 004711654.1          KQLTLEIQSRYGLSLEEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANI  298
NTDB id 1054 ABD1 RS15870 WP 002014066.1           KQLTLEIQSRYGLSLEEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANI  298
consensus                                          *!!* *** *!****!*! **!****!!******!**!****!**!*!!!!***!*****!*!*!!!!*!**

logo
NTDB id 1253 GC085 RS04835 WP 011215094.1          PGLAALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 227553 XppCFBP6164P RS17400 WP 011348458.1 ARLPEMVEEQLGVTTVVANPLAQMTLGPKVQAHALALDAPALMIATGLALRSFD.   352
NTDB id 1010 ACIAD RS15195 WP 004923715.1          LGLSRLLQQKLGYRVTIANPFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1084 FDQ49 RS11070 WP 004711654.1          PGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1054 ABD1 RS15870 WP 002014066.1           PGLAKLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                          **!*******!!*****!!!***! ****!** ****!! *!!*!*!!!!!***
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X non conserved
X similar
X $\geq$ 50% conserved