```
logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1        ................MLKLLKPKHRSILGIDISSSAVKILEISSGSGEDICVEGYGREEIPASALEGNMIKDVDVVANCI   64
NTDB id 1073973 ACI703 RS04225 WP 234455948.1    MRGRRSCVQVPVGRGETVGLIPKSQSPLIGVDISSTAVKLLQLSRSGNRFRVEHYAVEPLPPNAVVEKNIVEVEAVGEAI   80
NTDB id 1010 ACIAD RS15195 WP 004923715.1        ................MLRLYRRPKKGLVGVDISSTSVKVLELSVKNNQYRVESYGLVPLLENSVVEKNILNPEAVADAL   64
NTDB id 1054 ABD1 RS15870 WP 002014066.1         ................MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEAL   64
NTDB id 1084 FDQ49 RS11070 WP 004711654.1        ................MLRLYRKPNKGLMGVDISSTSVKLLELSVKNGKYWVESYALMPLPENSVVEKNILNPEAVAEAL   64
consensus                                        ***!*********!*!!!!**!!*!**!*** ** !!*!**************!*****!****

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1        KKLVERLKFTSKNVALAVPDSAVISKVVQINEGLTDLEMEELVVIEADKYIPYPIDEINLDFEVLGHSAKSSSLLDVLIV   144
NTDB id 1073973 ACI703 RS04225 WP 234455948.1    RRAMNRSGSKAKLAAAAVAGSAVITKVIPMPADLDEGDMEAQIELEAVNYIPYPIEEVNLDFEVIGAIPNNPEMVQVLLA   160
NTDB id 1010 ACIAD RS15195 WP 004923715.1        TRSINLANPQAINAAIAVPTSMVVHKIIEMDADMTDDEREVQIRMDAERYIPFPLDEVSLDFEVMSEPLANPNRVSVLIA   144
NTDB id 1054 ABD1 RS15870 WP 002014066.1         ERAMNLANPQTTHAAIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLANPNRVNVLLV   144
NTDB id 1084 FDQ49 RS11070 WP 004711654.1        ERAMNLANPQTTNAAIAVPTSTVIHKTIEMDADMSDDEREVQIRVDAEQYIPFPLDEVSLDFEVLPDRLLNPNRVNVLLV   144
consensus                                         ********* **!*!!**! !**!************!******!*!!!*!**!**!!!!!* * * *****!!**

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1        ASRAENVNTRVEAAHRAGLEPKVVDVESYAVERSVQQIAQELPASGQDKIVAIVDIGANYTHLFVLHGMRLIFSREEKFG   224
NTDB id 1073973 ACI703 RS04225 WP 234455948.1    ASRSENVELRQSALELGGLQAKVMDVEAFAVENAFALVASELPVS.HDGVVALVDIGATMTTLNVLRGGRSLYSREQVFG   239
NTDB id 1010 ACIAD RS15195 WP 004923715.1        ATRTENVDTRIEVLELAGLTPKVADVESYAMERAFSVFADTLPMG.VN.TVGILDIGHTMTTLSVMQKGKIIYTREQVFG   222
NTDB id 1054 ABD1 RS15870 WP 002014066.1         ATRTENVETRVEVLELADLNPKLADVESYAVERAFSVFADSLPMG.AN.TIGILDIGHTMTTLSVMQNGKIIYTREQVFG   222
NTDB id 1084 FDQ49 RS11070 WP 004711654.1        ATRTENVETRVEVLELADLNPKLADVESYAVERAFSVFADSLPMG.AN.TIGILDIGHTMTTLSVMQNGKIIYTREQVFG   222
consensus                                        !*!*!!!**!********!**!**!!!**!*!******!**!!** * *****!!!***!*!*!** ******!!**!!

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1        GMQLVEAIAEHYHMNLEQAIALKNQGKLPEDYESAVLEPFKDMILLQIKRTLQFFYSTSQHGFVDHILLAGGMARQPGLA   304
NTDB id 1073973 ACI703 RS04225 WP 234455948.1    GKQLTDEIMRRYGLSYEEAGLAKRQGGLPESYEVEVLEPFKEATVQQISRLLQFFYAGSEFNRVDHIVLAGGCAALAGLP   319
NTDB id 1010 ACIAD RS15195 WP 004923715.1        GKQLTQEVQKRYGMSYEEAGRAKKDGSLPEDFTQEVFEPYLEALVQQAARSLQFFFSSSQYNEIDHILLAGGNANILGLS   302
NTDB id 1054 ABD1 RS15870 WP 002014066.1         GKQLTLEIQSRYGLSLEEASRAKKDRSLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLA   302
NTDB id 1084 FDQ49 RS11070 WP 004711654.1        GKQLTLEIQSRYGLSLEEASRAKKDRTLPDDYEIEVLDPFLDAVVQQAARSLQFFFSSSQFNEIDHILLAGGNANIPGLA   302
consensus                                        !*!!* *** *!****!*! **!****!!******!**!*******!**!*!!!!***!*****!!!*!!!!*!***!!*

logo
NTDB id 1253 GCO85 RS04835 WP 011215094.1        ALIQEQLGVTTTVANPLSHMSFGKKVNLDVINSDAPTLMVACGLALRHVE.   354
NTDB id 1073973 ACI703 RS04225 WP 234455948.1    EMVEEQLGVPTVVANPLAQMTLGPKVQAQALAQDAPALMIATGLALRSFD.   369
NTDB id 1010 ACIAD RS15195 WP 004923715.1        RLLQQKLGYRVTIANPFLQMEFSPQVDIKKVENDAASLMVACGLALRSFDE   353
NTDB id 1054 ABD1 RS15870 WP 002014066.1         KLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
NTDB id 1084 FDQ49 RS11070 WP 004711654.1        KLLQQKLGYRVTIANPFLQMGFSPQVDVQKIENDASSLMVACGLALRSFD.   352
consensus                                        ******!!*****!!!***! ****!*******!! *!!*!*!!!!!***
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X non conserved
X similar
X $\geq$50% conserved