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NTDB id 105 BSU 25590 NP 390437.1	..MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKQA.....VPTTETENTVVKQEEANNDDES	58
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.MESITIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPHTPVKET.NLQAEVVAISKDSSST.....EKDVKKKEEKEEPVE	70
NTDB id 493 SM12261 RS04300 WP 000387351.1	.MEAIIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAIVSKDSVS.....EKEVKKEEKEEPLE	70
NTDB id 263 KZH43 RS04195 WP 000387330.1	.MEAIIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAIVSKDLVS.....EKEVNKKEEKEEPLE	70
NTDB id 222 SPD RS04535 WP 000387330.1	.MEAIIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAIVSKDLVS.....EKEVNKKEEKEEPLE	70
NTDB id 188 SPR RS04295 WP 000387330.1	.MEAIIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAIVSKDLVS.....EKEVNKKEEKEEPLE	70
NTDB id 153 SP RS04730 WP 000387344.1	.MEAIIEKIKEYKIIIVICT..GLGLLVGGFFLLKPAPQTPVKET.NLQAEVVAIVSKDSSST.....EKEVKKEEKEEPLE	70
NTDB id 177409 A4H00 RS00560 WP 067086025.1	MIEKWVQIVRDYKWKQIVVPSGIIVAIATGVFLMGQTG...HTEEQISLTELAL...SS.....SEQ.....VVEKPSSSHS	63
NTDB id 300 STER RS07485 WP 011681496.1	MKEKILLAYVKDNRIFVSVIAV.LMVIFCFLLWMTTCGAGNSMEAETSYTDVTALSTSSSKQSSQSLSEASSQSKTEGSEKV	79
consensus	*****!*****	

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NTDB id 105 BSU 25590 NP 390437.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT	136
NTDB id 521 SMSK321 RS04960 WP 000443804.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEASQHTGSGA.....	145
NTDB id 493 SM12261 RS04300 WP 000387351.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQAGPGT.....	145
NTDB id 263 KZH43 RS04195 WP 000387330.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.....	145
NTDB id 222 SPD RS04535 WP 000387330.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.....	145
NTDB id 188 SPR RS04295 WP 000387330.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGLGT.....	145
NTDB id 153 SP RS04730 WP 000387344.1	QDLITVDVKGAVKSPGIYDLVGSRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQTGSGT.....	145
NTDB id 177409 A4H00 RS00560 WP 067086025.1	ESQLVVDVKGAVRKPGIYHLSAGSRLLHDAVEAAGGLAETADSKSLNLAQKLSDEGVVYVATKEEAVSVVPTVTTS PAS..	141
NTDB id 300 STER RS07485 WP 011681496.1	KSKVTVDVKGAVVNPGVYTLKAGARVTDVLIQEAGGMTEDADAKSVNLAASLSDEEVIYVANKDENVSVLDQTGTGQVSDK	159
consensus	*****!*****	

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NTDB id 105 BSU 25590 NP 390437.1	...DGGK GALVNINTATLEELQGISGVGPSKAEAITIAYRENGRFQTIEDITKVSIGIGESFEKIKSSIITVK	205
NTDB id 521 SMSK321 RS04960 WP 000443804.1	.PSSSTSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD	216
NTDB id 493 SM12261 RS04300 WP 000387351.1	.ASSTSKEKKVNLNKNASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD	216
NTDB id 263 KZH43 RS04195 WP 000387330.1	.ASSISKEKKVNLNKNASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD	216
NTDB id 222 SPD RS04535 WP 000387330.1	.ASSISKEKKVNLNKNASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD	216
NTDB id 188 SPR RS04295 WP 000387330.1	.ASSISKEKKVNLNKNASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD	216
NTDB id 153 SP RS04730 WP 000387344.1	.ASSTSKEKKVNLNKNASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDYVTVD	216
NTDB id 177409 A4H00 RS00560 WP 067086025.1	.GDKGEKGSLLNLTATEADLQTTISGIGAKRAADIIAYRESNGRFQSVDDLKNVSGIGAKSLENIRPYVTVD	212
NTDB id 300 STER RS07485 WP 011681496.1	GCGAVSKDGIKINLNTATSEQLQTTISGIGAKRAEDVIAYRESHGGFQSVDDLKNVSGIGDKTLDKIRESLYVA	231
consensus	***!*****	

- non conserved
- similar
- ≥ 50% conserved