

logo

NTDB id 613 LCA RS05340 WP 231952379.1	MMWQDYWQRYRRFWWVPCLVLLGIIAGGFYWHQ.SQQKQKVTCNEQLL...A..TSASKTKPATKKTTHQAATKKK	69
NTDB id 521 SMSK321 RS04960 WP 000443804.1	MESIIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQD	72
NTDB id 493 SM12261 RS04300 WP 000387351.1	MEAIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSVEKEVVKKEEKEEPLEQD	72
NTDB id 153 SP RS04730 WP 000387344.1	MEAIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSTEKEVVKKEEKEEPLEQD	72
NTDB id 263 KZH43 RS04195 WP 000387330.1	MEAIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKKEEKEEPLEQD	72
NTDB id 222 SPD RS04535 WP 000387330.1	MEAIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKKEEKEEPLEQD	72
NTDB id 188 SPR RS04295 WP 000387330.1	MEAIIEKIK.EYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKKEEKEEPLEQD	72
NTDB id 374310 FOV14 RS12285 WP 043867297.1	MTKAMMTERM...RR.NLKILGACLAAGAVFIC...IWLFRSEKEEPVKQSSVLG.....QTA.SASVADKKDTADD	64
NTDB id 105 BSU 25590 NP 390437.1	MNVIN...QH.KKAIIL...AASAAVFTAIMIFLATGKNKEPVKQAVPTE.....TENTVVVKQEAANNDESNE	60
consensus	!***** ******* *******!***** ***** ****	

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NTDB id 613 LCA RS05340 WP 231952379.1	GGFVDIKGAVVYPGIYPTITVSETRIFEVILKNAGGPTDAADTKRNLNAQKLTDQLIIYIPKKGEVVTDDQELIQAPQQIATT	149
NTDB id 521 SMSK321 RS04960 WP 000443804.1	LITVDVKGAVKSPGIYDLSVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEASASQH.....	140
NTDB id 493 SM12261 RS04300 WP 000387351.1	LITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQ.....	140
NTDB id 153 SP RS04730 WP 000387344.1	LITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 263 KZH43 RS04195 WP 000387330.1	LITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 222 SPD RS04535 WP 000387330.1	LITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 188 SPR RS04295 WP 000387330.1	LITVDVKGAVKSPGIYDLPVG.SRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 374310 FOV14 RS12285 WP 043867297.1	KIMIDVKGAVRNPGVYEMKAG.DRVTQAIEKAGGLKKKADELNVNLAEQIQDGTIVYIPSEGEENHPK.....	132
NTDB id 105 BSU 25590 NP 390437.1	TIVIDIKGAVQHPGVYEMRTG.DRVSAIEKAGGTSEQADEAQVNLAELIQDGTIVYIPKKGEETAVQQ.....	128
consensus	*****!!!!!!***** *!*****!!!!*****!!!!*****!!!!*****!!!!*****!!!!*****	

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NTDB id 613 LCA RS05340 WP 231952379.1	SERTQEASASSTSDTAKIDLNAQADSTQLQTLNGIGPKKAEQIIAYRDEQGFQKQIEDLQKVGIGGPKTFEQQLQ	229
NTDB id 521 SMSK321 RS04960 WP 000443804.1	TGSGAPSS.TSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLLK	210
NTDB id 493 SM12261 RS04300 WP 000387351.1	ACPGTASS.TSKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLLK	210
NTDB id 153 SP RS04730 WP 000387344.1	TGSGTASS.TSKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLLK	210
NTDB id 263 KZH43 RS04195 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLLK	210
NTDB id 222 SPD RS04535 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLLK	210
NTDB id 188 SPR RS04295 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLLK	210
NTDB id 374310 FOV14 RS12285 WP 043867297.1	TAV....GEKENAAVNINTASLDELQAISGVGQKKAEAIAYREENGFRFQTAEEDLMKVSFGFEKKSFERIK	198
NTDB id 105 BSU 25590 NP 390437.1	GGGGSVQSDGGKALVNIINTATLEELQGISGVGPSKAEAIAYREENGFRFQTIEDITKVSIGIGEKSFEEKIK	199
consensus	** ***** *******!*****!*****!*****!*****!*****!*****!*****!*****!*****	

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NTDB id 613 LCA RS05340 WP 231952379.1	SQICVN	235
NTDB id 521 SMSK321 RS04960 WP 000443804.1	DYVTVD	216
NTDB id 493 SM12261 RS04300 WP 000387351.1	DYVTVD	216
NTDB id 153 SP RS04730 WP 000387344.1	DYVTVD	216
NTDB id 263 KZH43 RS04195 WP 000387330.1	DYVTVD	216
NTDB id 222 SPD RS04535 WP 000387330.1	DYVTVD	216
NTDB id 188 SPR RS04295 WP 000387330.1	DYVTVD	216
NTDB id 374310 FOV14 RS12285 WP 043867297.1	TSITVK	204
NTDB id 105 BSU 25590 NP 390437.1	SSITVK	205
consensus	*****!*	

 non conserved
 similar
 $\geq 50\%$ conserved