

logo

NTDB id 613 LCA RS05340 WP 231952379.1	..MMWQDYWQRYRR.FWWVPCLVLLGIIAGGFYWHQ.SQQKQKVTQNEQLL...A..TSASKTKPATKKTTHQAATKKKGG	71
NTDB id 521 SMSK321 RS04960 WP 000443804.1	MESIIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLI	74
NTDB id 493 SM12261 RS04300 WP 000387351.1	MEAIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSVEKEVKKEEKEEPLEQDLI	74
NTDB id 153 SP RS04730 WP 000387344.1	MEAIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDSSTEKEVKKEEKEEPLEQDLI	74
NTDB id 263 KZH43 RS04195 WP 000387330.1	MEAIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKEEKEEPLEQDLI	74
NTDB id 222 SPD RS04535 WP 000387330.1	MEAIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKEEKEEPLEQDLI	74
NTDB id 188 SPR RS04295 WP 000387330.1	MEAIIEKIKEYKIIIVICTGLGLLVGG..FLLKPAHPPTPVKETNLQAEVVAISKDLVSEKEVNKEEKEEPLEQDLI	74
NTDB id 984837 NYE68 RS13870 WP 053573180.1	MTKAMMTTERLRNR.LKILGACLAAGAVFIC..IWLFRSEKEEPVKQSSVLC.....QTA.SASVADKKDTAADKI	66
NTDB id 105 BSU 25590 NP 390437.1	MNWLNQHKKAIIL..AASAAVFTAIMIFLATGKNKEPVKKQAVPTE.....TENTVVVKQEAANNDESNETI	62
consensus	*****!*****	

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NTDB id 613 LCA RS05340 WP 231952379.1	FVDIKGAVVYPGIYPIITVSETRIFEFVILKNAGGPTDAADTKRNLNAQKLTDQLIIYIPKKGEVVTDDQELIQAPQQIATTSE	151
NTDB id 521 SMSK321 RS04960 WP 000443804.1	TVDVKGAVKSPGIYDLSVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEASQSH.....	140
NTDB id 493 SM12261 RS04300 WP 000387351.1	TVDVKGAVKSPGIYDLPVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAASQQ.....	140
NTDB id 153 SP RS04730 WP 000387344.1	TVDVKGAVKSPGIYDLPVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 263 KZH43 RS04195 WP 000387330.1	TVDVKGAVKSPGIYDLPVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 222 SPD RS04535 WP 000387330.1	TVDVKGAVKSPGIYDLPVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 188 SPR RS04295 WP 000387330.1	TVDVKGAVKSPGIYDLPVG.SRVNDVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEEAVSQQ.....	140
NTDB id 984837 NYE68 RS13870 WP 053573180.1	MIDVKGAVRNPGVYEMKAG.DRVTQAIEKAGGLKKKADELNVNLAEQQLDGTMVYIPSEGEENRPK.....	132
NTDB id 105 BSU 25590 NP 390437.1	VIDIKGAVQHPGVYEMRTG.DRVSAIEKAGGTSEQADEAQVNLAIEILQDGTVVYIPKKGEETAVQQ.....	128
consensus	*****!*****	

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NTDB id 613 LCA RS05340 WP 231952379.1	RTQEQASATGTSANASSTSDTAKIDLNAQDSTQLQTLNGIGPKKAEQIIAYRDEQKFKQIEDLQKVGCGIGPKTFEQLQSQ	231
NTDB id 521 SMSK321 RS04960 WP 000443804.1	TGSGAPSS.TSKDKKINLNKASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY	212
NTDB id 493 SM12261 RS04300 WP 000387351.1	AGPGTASS.TSKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDY	212
NTDB id 153 SP RS04730 WP 000387344.1	TGSGTASS.TSKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY	212
NTDB id 263 KZH43 RS04195 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY	212
NTDB id 222 SPD RS04535 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY	212
NTDB id 188 SPR RS04295 WP 000387330.1	TGLGTASS.ISKEKKVNLNKAASLEELKQVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTIEKLKDY	212
NTDB id 984837 NYE68 RS13870 WP 053573180.1	TAAG.....EKENAAVNINTASLDELQAISGVGQKKAEAIAYREENGFRQTAEEDLMNVSGFGEKSFERIKTS	200
NTDB id 105 BSU 25590 NP 390437.1	GGGGSVQSDGGKALVNIINTATLEELQGISGVGPSKAEAIAYREENGFRQTIEDITKVSIGIGEKSFEEKIKSS	201
consensus	*****!*****	

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NTDB id 613 LCA RS05340 WP 231952379.1	ICVN	235
NTDB id 521 SMSK321 RS04960 WP 000443804.1	VTVD	216
NTDB id 493 SM12261 RS04300 WP 000387351.1	VTVD	216
NTDB id 153 SP RS04730 WP 000387344.1	VTVD	216
NTDB id 263 KZH43 RS04195 WP 000387330.1	VTVD	216
NTDB id 222 SPD RS04535 WP 000387330.1	VTVD	216
NTDB id 188 SPR RS04295 WP 000387330.1	VTVD	216
NTDB id 984837 NYE68 RS13870 WP 053573180.1	ITVK	204
NTDB id 105 BSU 25590 NP 390437.1	ITVK	205
consensus	***!	

 non conserved
 similar
 $\geq 50\%$ conserved