

logo

		MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAQPVPKETNLQAEVAAVSKDSSTEKEVKKKEEKEEPLEQDLITVDVKG	MSRGG	
NTDB id 153 SP RS04730 WP 000387344.1		MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAQPVPKETNLQAEVAAVSKDSSTEKEVKKKEEKEEPLEQDLITVDVKG		80
NTDB id 1127 NGFG RS10560 WP 003703428.1		.....MSRGG		5
NTDB id 1126 NGFG RS09375 WP 003703428.1		.....MSRGG		5
NTDB id 1125 NGFG RS07215 WP 003703428.1		.....MSRGG		5
NTDB id 1108 NGFG RS06525 WP 003703428.1		.....MSRGG		5
NTDB id 1272 LPP RS04360 WP 010946546.1		.....		0
NTDB id 1249 GC085 RS04230 WP 010946546.1		.....		0
NTDB id 1159 ABDM36 RS04765 WP 001166105.1		.....		0
NTDB id 1150 A1552VC RS08580 WP 001166105.1		.....		0
NTDB id 1395 DSB67 RS04445 WP 010649155.1		.....		0
NTDB id 203698 K04M1 RS04850 WP 031777211.1		.....		0
NTDB id 1294 VP RS04495 WP 021449594.1		.....		0
NTDB id 1362 HI 1008 AAC22669.1			0
NTDB id 1382 A4U84 RS07375 WP 062924234.1			0
consensus				

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		AVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSLSLNLAQKVSDEALVYVPTK.GEEAVSQQT.....GSGTASSTSK		
NTDB id 153 SP RS04730 WP 000387344.1		AVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSLSLNLAQKVSDEALVYVPTK.GEEAVSQQT.....GSGTASSTSK		151
NTDB id 1127 NGFG RS10560 WP 003703428.1		A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL.....		50
NTDB id 1126 NGFG RS09375 WP 003703428.1		A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL.....		50
NTDB id 1125 NGFG RS07215 WP 003703428.1		A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL.....		50
NTDB id 1108 NGFG RS06525 WP 003703428.1		A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL.....		50
NTDB id 1272 LPP RS04360 WP 010946546.1		.....MKAR.....LI.AILLSFIVIPFSSQAENEPQK.....TPAKQVLV		35
NTDB id 1249 GC085 RS04230 WP 010946546.1		.....MKAR.....LI.AILLSFIVIPFSSQAENEPQK.....TPAKQVLV		35
NTDB id 1159 ABDM36 RS04765 WP 001166105.1		.....MQIKTKI.VTLF.LSLCLPTLPLLANAEETAPAA.....QVEEGI		38
NTDB id 1150 A1552VC RS08580 WP 001166105.1		.....MQIKTKI.VTLF.LSLCLPTLPLLANAEETAPAA.....QVEEGI		38
NTDB id 1395 DSB67 RS04445 WP 010649155.1		.....MKWM.LTLCLLILAPMSWAE.TKTKA.....DKYEGI		30
NTDB id 203698 K04M1 RS04850 WP 031777211.1		.....MKWI.LTLCVLFVAFPSMAA.DSAT.....DKYEGI		29
NTDB id 1294 VP RS04495 WP 021449594.1		.....MKWI.LTLCVLFVAFPSMAA.DSAT.....DKYEGI		29
NTDB id 1362 HI 1008 AAC22669.1		.....MKTL...FTS.VVLCGALVVSSFAEEKATXQTAQSVVTTQAEAQVAPAVV		47
NTDB id 1382 A4U84 RS07375 WP 062924234.1	MKKLS.RYTF.SLLFG.LFSATTFAEKVTSTTEHTPVVMQ.VAATQKVN		47
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		EKKVNLNKASLEEL.KQVKGKLGKRAQDITDHRANGKFKSVDELKVVSGIGGKTIKLDYVTVD.....		
NTDB id 153 SP RS04730 WP 000387344.1		EKKVNLNKASLEEL.KQVKGKLGKRAQDITDHRANGKFKSVDELKVVSGIGGKTIKLDYVTVD.....		216
NTDB id 1127 NGFG RS10560 WP 003703428.1		.AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP		128
NTDB id 1126 NGFG RS09375 WP 003703428.1		.AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP		128
NTDB id 1125 NGFG RS07215 WP 003703428.1		.AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP		128
NTDB id 1108 NGFG RS06525 WP 003703428.1		.AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP		128
NTDB id 1272 LPP RS04360 WP 010946546.1		KGKINLNTADVSLTGSFKGIGKRAEAIYAYRENHQQFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN.....		105
NTDB id 1249 GC085 RS04230 WP 010946546.1		KGKINLNTADVSLTGSFKGIGKRAEAIYAYRENHQQFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN.....		105
NTDB id 1159 ABDM36 RS04765 WP 001166105.1		VITVNINTASAEELATLLKIGLKKAQAVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....		103
NTDB id 1150 A1552VC RS08580 WP 001166105.1		VITVNINTASAEELATLLKIGLKKAQAVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....		103
NTDB id 1395 DSB67 RS04445 WP 010649155.1		EITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTNKGIGEATVRKNEDRILL.....		95
NTDB id 203698 K04M1 RS04850 WP 031777211.1		EITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTNKGIGEATVRKNEDRILL.....		94
NTDB id 1294 VP RS04495 WP 021449594.1		EITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTNKGIGEATVRKNEDRILL.....		94
NTDB id 1362 HI 1008 AAC22669.1		SDKLNINTATASEIQKSLTGIGAKKAEAVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIF.....		112
NTDB id 1382 A4U84 RS07375 WP 062924234.1		ANVNVNINTATASEIQDKLVGIGAKKAQAVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVTE.....		113
consensus		*!***** ** * !! **! *!***** ** !*****! !!!!! ** * * * * *		

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NTDB id 153 SP RS04730 WP 000387344.1	...	216
NTDB id 1127 NGFG RS10560 WP 003703428.1	VKK	131
NTDB id 1126 NGFG RS09375 WP 003703428.1	VKK	131
NTDB id 1125 NGFG RS07215 WP 003703428.1	VKK	131
NTDB id 1108 NGFG RS06525 WP 003703428.1	VKK	131
NTDB id 1272 LPP RS04360 WP 010946546.1	...	105
NTDB id 1249 GC085 RS04230 WP 010946546.1	...	105
NTDB id 1159 ABDM36 RS04765 WP 001166105.1	...	103
NTDB id 1150 A1552VC RS08580 WP 001166105.1	...	103
NTDB id 1395 DSB67 RS04445 WP 010649155.1	...	95
NTDB id 203698 K04M1 RS04850 WP 031777211.1	...	94
NTDB id 1294 VP RS04495 WP 021449594.1	...	94
NTDB id 1362 HI 1008 AAC22669.1	...	112
NTDB id 1382 A4U84 RS07375 WP 062924234.1	...	113

consensus

VKK

non conserved
 similar
 $\geq 50\%$ conserved