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NTDB id 1159	ABDM36	RS04765	WP 001166105.1	MEALIEKIKEYKLIYICTGLGLLVGGFFLLKPAAPTPVKEINLSAEVKKQAVSKDLYEKEVKKEEKEEPL	0
NTDB id 1150	A1552VC	RS08580	WP 001166105.1		0
NTDB id 1362	HI 1008	AAC22669.1			0
NTDB id 1382	A4U84	RS07375	WP 062924234.1		0
NTDB id 595	KW2	RS08725	WP 021037687.1	MEKILDKLKEYWKIM.LLVVCALIAGGIFYIFTNSPKPAETLSVEN....LSSS..STKSSVSKFNSSSSSEK	65
NTDB id 521	SMSK321	RS04960	WP 000443804.1	MESIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPHTPVKETNLQAEV...VAISKDSSTEKDVKKEEKEEPV	69
NTDB id 493	SM12261	RS04300	WP 000387351.1	MEAIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAEV...VAVSKDSVSEKEVNKKEEKEEPL	69
NTDB id 263	KZH43	RS04195	WP 000387330.1	MEAIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAEV...AAVSKDLVSEKEVNKKEEKEEPL	69
NTDB id 222	SPD	RS04535	WP 000387330.1	MEAIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAEV...AAVSKDLVSEKEVNKKEEKEEPL	69
NTDB id 188	SPR	RS04295	WP 000387330.1	MEAIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAEV...AAVSKDLVSEKEVNKKEEKEEPL	69
NTDB id 153	SP	RS04730	WP 000387344.1	MEAIIEKIKEYKIIIV.ICTGLGLLVGGFFLLKPAPQTPVKETNLQAEV...AAVSKDSSTEKEVNKKEEKEEPL	69
NTDB id 105	BSU	25590	NP 390437.1	MNWLNQHKKAILAASAAVFTAIMIFLATG....KNKE....PVKQAVPTE....TENTVVKQEANNDE	57
NTDB id 1069	ABD1	RS03060	WP 043960841.1		0
NTDB id 36	MW	RS08230	WP 001793467.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLIGFIFWRQDDYTSTRNFENKDNALKQSTSENSSLKVEDVQVKDGDNSK	80
NTDB id 20	SA	RS08005	WP 001802022.1	MVLLYQFLLRYKDFLTQWKLYIISAVVLMVLIGFIFWRQDDYTSTRNFENKDTALKQSTSENSSLKLEDVQVKDGDNSK	80
NTDB id 1014	ACIAD	RS13855	WP 004924483.1		0
NTDB id 1127	NGFG	RS10560	WP 003703428.1	MSRGGATP	8
NTDB id 1126	NGFG	RS09375	WP 003703428.1	MSRGGATP	8
NTDB id 1125	NGFG	RS07215	WP 003703428.1	MSRGGATP	8
NTDB id 1108	NGFG	RS06525	WP 003703428.1	MSRGGATP	8
NTDB id 288668	FORC83	RS00050	WP 052795774.1		0
NTDB id 1242	Cj0011c	YP 002343483.1			0
consensus					

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NTDB id 1159	ABDM36	RS04765	WP 001166105.1	MQIKTK..IVTLFSLCL....PTIPLLANAEETAP.....	30
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	MQIKTK..IVTLFSLCL....PTIPLLANAEETAP.....	30
NTDB id 1362	HI 1008	AAC22669.1		MKTL...FTSVVLCG....ALVSSSFAEEKATXQTAQ	31
NTDB id 1382	A4U84	RS07375	WP 062924234.1	MKKL.SRYTFSLLFG....LFSATTFAEEKVTTSTEH	32
NTDB id 595	KW2	RS08725	WP 021037687.1	NKNEIMVDLKGAVAKPNVYQISSDEFLVDLIRQAGGFTDQADQKSINLSAKLKDEEV....IYVVKVGESSSSSES.....	136
NTDB id 521	SMSK321	RS04960	WP 000443804.1	EQDLITVDVKGAVKSPGIYDLVSGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEESASQH.....	140
NTDB id 493	SM12261	RS04300	WP 000387351.1	EQDLITVDVKGAVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEEAASQQ.....	140
NTDB id 263	KZH43	RS04195	WP 000387330.1	EQDLITVDVKGAVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEEAVSQQ.....	140
NTDB id 222	SPD	RS04535	WP 000387330.1	EQDLITVDVKGAVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEEAVSQQ.....	140
NTDB id 188	SPR	RS04295	WP 000387330.1	EQDLITVDVKGAVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEEAVSQQ.....	140
NTDB id 153	SP	RS04730	WP 000387344.1	EQDLITVDVKGAVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSKSLNLAQKVSDEAL....VYVPTKGEEAVSQQ.....	140
NTDB id 105	BSU	25590	NP 390437.1	SNETIVIDIKGAVQHHPGVYEMRTGDRVSQAIEKAGGTSEQADEAQVNLAEILQDGT....VYIPKKGEETAQV.....	127
NTDB id 1069	ABD1	RS03060	WP 043960841.1	MQYSMRFWKN....KYFVLMCLGVISPSVCAQSFQDNFQEWKVKQ	43
NTDB id 36	MW	RS08230	WP 001793467.1	NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQL.LEDADVSRINLSEKLTQKML....IFIPHKG.....Q	144
NTDB id 20	SA	RS08005	WP 001802022.1	NKGPVYVDVKGAVKHPNVYKMTSKDRVVDLLDKAQL.LDDADVSRINLSEKLTQKML....IFIPHKG.....Q	144
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	MSIRHFFT...FFWAT.....LLTLFSM....QIVFAQCFDQQYDAWKTQQ	39
NTDB id 1127	NGFG	RS10560	WP 003703428.1	...YRFLLIRHIVARCGLLFATLKGG...TMKKMFVLF...LF.....	44
NTDB id 1126	NGFG	RS09375	WP 003703428.1	...YRFLLIRHIVARCGLLFATLKGG...TMKKMFVLF...LF.....	44
NTDB id 1125	NGFG	RS07215	WP 003703428.1	...YRFLLIRHIVARCGLLFATLKGG...TMKKMFVLF...LF.....	44
NTDB id 1108	NGFG	RS06525	WP 003703428.1	...YRFLLIRHIVARCGLLFATLKGG...TMKKMFVLF...LF.....	44
NTDB id 288668	FORC83	RS00050	WP 052795774.1	MKKLFLF...FA.....	10
NTDB id 1242	Cj0011c	YP 002343483.1		MKKLFLF...FA.....	10
consensus				*	10

 non conserved
 similar
 $\geq 50\%$ conserved