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NTDB id 1272 LPP RS04360 WP 010946546.1		0
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NTDB id 300 STER RS07485 WP 011681496.1		0
NTDB id 1294 VP RS04495 WP 021449594.1		0
NTDB id 1395 DSB67 RS04445 WP 010649155.1		0
NTDB id 521 SMSK321 RS04960 WP 000443804.1		0
NTDB id 493 SM12261 RS04300 WP 000387351.1		0
NTDB id 263 KZH43 RS04195 WP 000387330.1		0
NTDB id 222 SPD RS04535 WP 000387330.1		0
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NTDB id 153 SP RS04730 WP 000387344.1		0
NTDB id 595 KW2 RS08725 WP 021037687.1		0
NTDB id 36 MW RS08230 WP 001793467.1		0
NTDB id 20 SA RS08005 WP 001802022.1		0
NTDB id 613 LCA RS05340 WP 231952379.1		0
NTDB id 172723 AZE41 RS23230 WP 156476155.1		0
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NTDB id 1108 NGFG RS06525 WP 003703428.1		0
NTDB id 1242 Cj0011c YP 002343483.1		0
consensus		

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NTDB id 153 SP RS04730 WP 000387344.1		0
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NTDB id 493 SM12261 RS04300 WP 000387351.1	MEAI.	4
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NTDB id 222 SPD RS04535 WP 000387330.1	MEAI.	4
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NTDB id 153 SP RS04730 WP 000387344.1	MEAI.	4
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consensus		

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NTDB id 36 MW RS08230 WP 001793467.1	WKLYI...ISAVVLIMVLIGFIFWRQDDYTSRNFEN...KDNALKQSTSENSSL.SKVEDVQVKDG	76
NTDB id 20 SA RS08005 WP 001802022.1	WKLYI...ISAVVLIMVLIGFIFWRQDDYTSRNFEN...KDTALKQSTSENNSL.SKLEDVQVKDG	76
NTDB id 613 LCA RS05340 WP 231952379.1	WQRYRRFWWVPCLVLLGIIAGGFYWHQSQQKQKVTQN...EQL.LA.....TSA.SKTKPATKKTH	62
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NTDB id 105 BSU 25590 NP 390437.1	HKKAIILA.ASAAVFTAI...MIFLATGKNKEPVKQA.....VP.....TE...TENTVVVKQEA	53
NTDB id 1416 SGL RS14595 WP 010873643.1	IQLALFVFSEQALSNVINQRFQAGTEVKALIDRGFAFRYYSEGLDLL.....	367
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NTDB id 1242 Cj0011c YP 002343483.1		0
consensus		

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NTDB id 300 STER RS07485 WP 011681496.1	GSEKVKSKVTVDVKGAVVNPVGVT.....LKAGA.....RVTDVIQEAGGMTEDADAKSVNLAASLSDEE..	134
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NTDB id 1395 DSB67 RS04445 WP 010649155.1	MKWMLTLCL..	9
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NTDB id 263 KZH43 RS04195 WP 000387330.1	EEPLEQDLITVDVKGAVKSPGIYD.....LPVGS.....RVNDAVQKAGGLTEQADSKSLNLAQKVSDEA..	125
NTDB id 222 SPD RS04535 WP 000387330.1	EEPLEQDLITVDVKGAVKSPGIYD.....LPVGS.....RVNDAVQKAGGLTEQADSKSLNLAQKVSDEA..	125
NTDB id 188 SPR RS04295 WP 000387330.1	EEPLEQDLITVDVKGAVKSPGIYD.....LPVGS.....RVNDAVQKAGGLTEQADSKSLNLAQKVSDEA..	125
NTDB id 153 SP RS04730 WP 000387344.1	EEPLEQDLITVDVKGAVKSPGIYD.....LPVGS.....RVNDAVQKAGGLTEQADSKSLNLAQKVSDEA..	125
NTDB id 595 KW2 RS08725 WP 021037687.1	SSEKNKNEIMVDLKGAVAKPNVYQ.....ISSDE.....RLVDLIRQAGGFTDQADQKSINLSAKLKDEE..	121
NTDB id 36 MW RS08230 WP 001793467.1	DNSKNKGPVYVDVKGAVKHPNVYK.....MTSKD.....RVVDLLDKA..QLLEDADVSIQINLSEKLTQDK..	135
NTDB id 20 SA RS08005 WP 001802022.1	DNSKNKGPVYVDVKGAVKHPNVYK.....MTSKD.....RVVDLLDKA..QLLDDADVSRINLSEKLTQDK..	135
NTDB id 613 LCA RS05340 WP 231952379.1	QAATKKKGGFVDIKGAVVYPGIYP.....ITVSET.....RLFVFLKNAGGPTDAADTKRLNLAQKLTQDL..	123
NTDB id 172723 AZE41 RS23230 WP 156476155.1		0
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NTDB id 1416 SGL RS14595 WP 010873643.1	GVTLLCDCLEQPGNSPWALPTEFVGTPALPRGDKLHHKFALVDDDTVITGSHNWSAANHNNDET....VLV	435
NTDB id 1041 HON27 RS14740 WP 005124713.1	MQYSMRFWKN.....KYF.....LLI	16
NTDB id 1069 ABD1 RS03060 WP 043960841.1	MQYSMRFWKN.....KYF.....VLI	16
NTDB id 1014 ACIAD RS13855 WP 004924483.1	MSIRHF..FT...FFWAT.....LLT	16
NTDB id 1127 NGFG RS10560 WP 003703428.1	MSRGGATPYRFLIRHI.VARCGLLFATLKGKTMKK....MFV	38
NTDB id 1126 NGFG RS09375 WP 003703428.1	MSRGGATPYRFLIRHI.VARCGLLFATLKGKTMKK....MFV	38
NTDB id 1125 NGFG RS07215 WP 003703428.1	MSRGGATPYRFLIRHI.VARCGLLFATLKGKTMKK....MFV	38
NTDB id 1108 NGFG RS06525 WP 003703428.1	MSRGGATPYRFLIRHI.VARCGLLFATLKGKTMKK....MFV	38
NTDB id 1242 Cj0011c YP 002343483.1	MKK....LLF	6
consensus	*	

logo

NTDB id 1362 HI 1008 AAC22669.1	VLCGAI	VVSSSF	AEEKATXQTAQS		VVTTQAEAQVAPAVVSDK	LN	INTAT	ASEI	IQKS	LTGIG	69		
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NTDB id 1249 GC085 RS04230 WP 010946546.1	F....	IVIPFSS	QAENEPQK		TPAKQVLVKGK	IN	LNTADV	VS	LTGS	FKGIG	57		
NTDB id 300 STER RS07485 WP 011681496.1	V....	IYVANKD	ENVSVLDQTG	.....	TGQVSDKGGQAVSKD	GN	LNTAT	SEQ	LQT	ISGIG	187		
NTDB id 1294 VP RS04495 WP 021449594.1	V....	VFAPLSL	AA	.....	DTKADKYE	GIEITV	NINTA	SAEE	IATML	KGIG	51		
NTDB id 1395 DSB67 RS04445 WP 010649155.1	L....	ILAPMSW	AET	.....	KTKADKYE	GIEITV	NVNSA	TAQE	IATLL	IGIG	52		
NTDB id 521 SMSK321 RS04960 WP 000443804.1	L....	VYVPTKG	EESASQHTG	.....	SGAPSSTS	KDKK	IN	LNKAS	LEELKQ	VKGLG	172		
NTDB id 493 SM12261 RS04300 WP 000387351.1	L....	VYVPTKG	EEAASQQAG	.....	PGTASSTS	KEKK	VNL	NKAS	LEELKQ	VKGLG	172		
NTDB id 263 KZH43 RS04195 WP 000387330.1	L....	VYVPTKG	EEAVSQQTG	.....	LGTASSIS	KEKK	VNL	NKAS	LEELKQ	VKGLG	172		
NTDB id 222 SPD RS04535 WP 000387330.1	L....	VYVPTKG	EEAVSQQTG		LGTASSIS	KEKK	VNL	NKAS	LEELKQ	VKGLG	172		
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NTDB id 153 SP RS04730 WP 000387344.1	L....	VYVPTKG	EEAVSQQTG		SGTASSTS	KEKK	VNL	NKAS	LEELKQ	VKGLG	172		
NTDB id 595 KW2 RS08725 WP 021037687.1	V....	IYV	PKVG	ESSSESTD		SPTGSSVSNQISTT	SGPK	VN	INKADL	TELQK	LTGIG	174	
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NTDB id 20 SA RS08005 WP 001802022.1	M....	IFIPHKG	QKNVEPQIEV		NSVHVKN	GNNTNNTK	VNL	NTA	SVSEL	MS	VPGVG	185	
NTDB id 613 LCA RS05340 WP 231952379.1	I....	IYI	PKKG	EVVTDQELIQA		PQQIATTS	ERTQE	QASTGTSANAS	STS	DTAK	IDLNLQADSTQLQT	LNGIG	191
NTDB id 172723 AZE41 RS23230 WP 156476155.1	.....	.....	.....	.....	.....	.....	.....	MT	IPGVG	7			
NTDB id 105 BSU 25590 NP 390437.1	V....	VYI	PKKG	EETAVQQG	.....	GGGSVQSDGGKGAL	VN	INTAT	LEELQ	ISGVG	161		
NTDB id 1416 SGL RS14595 WP 010873643.1	LQNAQ	I	AAHY	QRELDRLYAVTEYGLPPTVQARIDRQE	QECANPRPSPKPLAKATPNRL	VNL	N	RGS	QEELES	LPGIG	511		
NTDB id 1041 HON27 RS14740 WP 005124713.1	MLCLG	VIS	PSVC	AQSFDQNFQEWKAK	QQMYDQKLNITKSSHSNGSKISQTKNFNDSTGQ	IHLN	QANVNE	FQQ	LKGVG	93			
NTDB id 1069 ABD1 RS03060 WP 043960841.1	MLCLG	VIS	PSVC	AQSFDQNFQEWKVK	QQMYDQKLNISKSSHSNSSKISQTKNFNDSTGQ	IHLN	QANVNE	FQQ	LKGIG	93			
NTDB id 1014 ACIAD RS13855 WP 004924483.1	LFSM		QIVF	AQGFDQYDQAWKTQ	QKAHDTLRLNSSASHHSLSKP		TQQSGTGVK	VN	INSAT	AKELQ	LHGVG	85	
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NTDB id 1126 NGFG RS09375 WP 003703428.1	LFCM		LF		SCAFSLAAVN	INAAS	QQE	LEA	LPGIG	70			
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NTDB id 1108 NGFG RS06525 WP 003703428.1	LFCM		LF		SCAFSLAAVN	INAAS	QQE	LEA	LPGIG	70			
NTDB id 1242 Cj0011c YP 002343483.1	LF		FA		LTAFLFGA	VN	INTAT	LKEL	KS	LNGIG	36		
consensus	*	*	*					*****	*	*	*	*	!!

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NTDB id 1125 NGFG RS07215 WP 003703428.1
NTDB id 1108 NGFG RS06525 WP 003703428.1
NTDB id 1242 Ci0011c YP 002343483.1

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consensus



- X non conserved
- X similar
- X > 50% conserved