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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	QKGFTLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77	
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	QKGFTLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77	
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	QKGFTLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77	
NTDB id 1292	VP	RS12235	WP 005479693.1	...MKHSKQKKQ	QKGFTLIELMIVVAVIGVLA	AAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENG.IAAAAA....	71	
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGFTLIELMIVVAVIIGILA	AAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTKLSDV..	69	
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGFTLIELMIVVAVIIGILA	AAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGGTGTED	71	
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGFTLIELMIVVAVIIGILA	AAIALPAYQDYTVRSNAAAAALAEITPGKIGFEQAINEGK.TPSLTSTDE.	72	
NTDB id 1204	PSJM300	03935	AFN76865.1	MKPVKSSC	RGFS	LIELMIVVAVIIGILA	AAIALPAYQNTVTRSTAASALAEITPAKAAFEQAISEGH.TPSLVSSLP.	74
NTDB id 1383	A4U84	RS08530	WP 005711781.1	MK.KIRLIRPLA	KAF	FTLIELMIVIAIIAILATIAIPSYTSYTTQKAALSELLSASASYKSDVEICINYNVGDKKISECSS..	77	
NTDB id 1365	NTHI	RS01955	WP 011271973.1	.M.KLTTQQTLLK	KGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCTG..		74	
NTDB id 1354	HI	0299	AAC21963.1	.M.KLTTLQTLK	KGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTSCTG..		74	
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGFTLIELMIVIAIVGILA	AAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..	71	
NTDB id 1109	OK783	RS10670	WP 157147416.1	MNTL	QKGFTLIELMIVIAIVGILA	AAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..	71	
NTDB id 1191	AAC28468.1	484..945()		MLKKV	QKGFTLIELMIVIAIIGILA	AAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFNPAAALVAG	74	
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGFTLIELMIVIAIIGILA	AAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF	73	
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKR	V	QKGFTLIELMIVVAVIGILA	AAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV.....	74
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGFTLIELMIVIAIIGILA	AAIAIPAYTDYTVRARVSEGLTAASSMKTITVSENILNAGALVAGTPTAG	72	
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGFTLIELMIVVAVIIGILA	AAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY	71	
NTDB id 229307	CA928	RS09350	WP 027227778.1	MR	QKGFTLIELMIVVAVIIGILA	AAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY	71	
NTDB id 1258	GCO85	RS09745	WP 014844212.1	MR	QKGFTLIELMIVVAVIIGILA	AAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY	71	
consensus				*****!!!!!!*!*****!***!***!***!*** ** ***** * * * * *				

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	GFTR.....	LGTVED.....	MG.DGKI	VIAPTASGALGG..	TIKYTFDA.....	GTVSSSKIQLARD.....	126
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	GFTR.....	LGTVED.....	MG.DGKI	VIAPTASGALGG..	TIKYTFDA.....	GTVSSSKIQLARD.....	126
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	GFTR.....	LGTVED.....	MG.DGKI	VIAPTASGALGG..	TIKYTFDA.....	GTVSSSKIQLARD.....	126
NTDB id 1292	VP	RS12235	WP 005479693.1	...T...LAQLG	V	DVA.....	ANDLGAIDSA....	LAGGSPTLTFTF.....	DADSSIDGGILTFTRD.....	119
NTDB id 1038	HON27	RS01510	WP 000993725.1	GFTAA.....	TSSVCATYSIDAF.TETDGA	CKIT.CTLKG....	NPKIATKIVELTRS.....			116
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKK...EVPLG	V	AAAD.....	ANKLGTIALKP...DPADGT	ADITLTFTMG...GAGPKNKGKIITLTTRT.....		127
NTDB id 1197	PSJM300	03940	AFN76866.1	GYIGITDS.....	TS.YCDVDLD....	TAADGH..IE.CTAKG...	GNAGKFDGKTITLNR	T.....		118
NTDB id 1204	PSJM300	03935	AFN76865.1	GFIGIGAS.....	TN.YCTVTLI...	ATATGS..IT.CTTQN...	GMPDRFNGKTIITART.....			120
NTDB id 1383	A4U84	RS08530	WP 005711781.1	GKNGVRADKSDVPDAKY	LKSTSV...A.....	SGVITVAGKGN.....	IDGYGYTMTPT.....			123
NTDB id 1365	NTHI	RS01955	WP 011271973.1	GKNGIAADITT	..AKGYVKS	VTT...S.....	NGAITVKGDGT.....	LANMEYILQAT.....		119
NTDB id 1354	HI	0299	AAC21963.1	GKNGIAADIKT	..AKGYVAS	VIT...Q.....	SGGITVKGNGT.....	LANMEYILQAK.....		119
NTDB id 1119	NGFG	RS11465	WP 017147169.1	GVASP	.PTDIKGKYVKEVEV...	K.....NGVV	TATMLSS...GVNNEIKGKKS	LSWG.....		118
NTDB id 1109	OK783	RS10670	WP 157147416.1	GVASA	..STIKGKYVQKVEV...	A.....KGVV	TQMAST...GVNKEIQDKK	LSWA.....		117
NTDB id 1191	AAC28468.1	484..945()		NVIFDSANGLD.....	GKYFAPGGV...TV.TPDT	GAINIAFDAG.....	ANAGKMTITPTVIA.....			125
NTDB id 1188	NELON	RS01755	WP 003772458.1	NKTAAAGGGAG	GAAAA.GTQHASKYVKS	V....KVTEASPWD	ITVAISATEANGIPTGLDGNT	IRLFPLVVK.AVP.AA		145
NTDB id 1424	RS	RS02795	WP 011000517.1	GSSVF....	TPTKNVAN	ITI...AGTGTVP	QITVITYT.T.....	AAGGGTALVPTAAGTALPVSS		128
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	S.....SCVG	V	QEI.SASNATTNVATA.....	TCGASSAGQIIVTMDTT.....	KAKGANITLTPT.....		122
NTDB id 1274	LPP	RS09530	WP 011214168.1	V.....	SPAATPN	VAS	I....AIGA..NGV	ITITY.TA.....AAGGGTIVMTPTL.....		110
NTDB id 229307	CA928	RS09350	WP 027227778.1	V.....	SPAATPN	VQS	I....AIGA..NGV	ITITY.TA.....AAGGGTIVMTPTL.....		110
NTDB id 1258	GCO85	RS09745	WP 014844212.1	V.....	SPAATPN	VQS	I....AIGA..NGV	ITITY.TA.....AAGGGTIVMTPTL.....		110
consensus					* *	*	*	* * * * *	* * * *	

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...ANGLWTCSTT.....VTSEIAPKGCTAGATIN.....	153
NTDB id 1292	VP	RS12235	WP 005479693.1	...AATGWSCLPT.....APAIA.VDGC.....	139
NTDB id 1038	HON27	RS01510	WP 000993725.1	...TDGAWTCVSD.....VPTEFLPKGCTAGTPTEGAITSL	149
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	..AADGLWKCTSD.....QDEQFIPKGCSK.....	150
NTDB id 1197	PSJM300	03940	AFN76866.1	...ADGEWSCAST.....LDAKYKPGKCS.....	139
NTDB id 1204	PSJM300	03935	AFN76865.1	...TDGLWDCISD.....LDSRYKPGKCL.....	141
NTDB id 1383	A4U84	RS08530	WP 005711781.1	FANNNTITWATSCQGA...DISL.....FPANFCGQKATP.....	154
NTDB id 1365	NTHI	RS01955	WP 011271973.1	NAATGVTWTTTCKGT...DASL.....FPANFCGSVTQ.....	149
NTDB id 1354	HI	0299	AAC21963.1	NAAAGVTWTTTCKGT...DASL.....FPANFCGSVTQ.....	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	RENGSVKWFQGPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1109	OK783	RS10670	WP 157147416.1	RQDGSVKWFQGPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.....	164
NTDB id 1191	AAC28468.1	484..945()		ASGQISTWTCAPGAANG.....IETRRLPTSCQ*.....	153
NTDB id 1188	NELON	RS01755	WP 003772458.1	TSTCAIDWACASAaketADKRFGTGSGVAVGTLPAKYAPSECK.....	188
NTDB id 1424	RS	RS02795	WP 011000517.1	APSGPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR.....	168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	YASGAVTWKCTTT.....S.DKKYVPSECRG.....	147
NTDB id 1274	LPP	RS09530	WP 011214168.1	QANGDVTWTCTGG.....TLLAKYRPASCRP.....	136
NTDB id 229307	CA928	RS09350	WP 027227778.1	QANGDVTWTCTAG.....TLLAKYRPASCRP.....	136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	QANGDVTWTCTGG.....TLLAKYRPASCRP.....	136
consensus				* * !*** * * *	

-  non conserved
-  similar
-  ≥ 50% conserved