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NTDB id 1184	GTF74	RS02335	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77			
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77			
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	...MKAYKNKQ	QKGF	TLIELMIVVAVIGVLA	AIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA	77			
NTDB id 1292	VP	RS12235	WP 005479693.1	...MKHSKQKK	QKGF	TLIELMIVVAVIGVLA	AAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENG.IAAAAA.....	71			
NTDB id 1038	HON27	RS01510	WP 000993725.1	MNA	QKGF	TLIELMIVVAVIIGILAA	AIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGA.VPTKLSDV..	69			
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	MKA	QKGF	TLIELMIVVAVIIGILAA	AIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGW.SVKSGGTGTED	71			
NTDB id 1197	PSJM300	03940	AFN76866.1	MKAQM	QKGF	TLIELMIVVAVIIGILAA	AIALPAYQDYTVRSNAAAAALAEITPGKIGFEQAINEGK.TPSLTSTDE.	72			
NTDB id 1204	PSJM300	03935	AFN76865.1	MKPVKSSC	RGFS	LIELMIVVAVIIGILAA	AIALPAYQNYTVRSTAASALAEITPAKAAFEQAISEGH.TPSLVSSLP.	74			
NTDB id 1383	A4U84	RS08530	WP 005711781.1	MK.KIRLIRPLAKA	FTLIELMIVIAIIAILATIA	IPSYTSYTTQKAALSELLSASASYKSDVEICITYNVGDKKISECSS..	77				
NTDB id 1354	HI	0299	AAC21963.1	.M.KLTTLQTLK	KGFTLIELMIVIAIIAILATIA	IPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTSCTG..	74				
NTDB id 1365	NTHI	RS01955	WP 011271973.1	.M.KLTQTLK	KGFTLIELMIVIAIIAILATIA	IPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNE..TTNCTG..	74				
NTDB id 1119	NGFG	RS11465	WP 017147169.1	MNTL	QKGF	TLIELMIVIAIVGILAA	VALPAYQDYTARAQVSEATILLAEGQKSAVTEYYLNHCKWPENNTSA..	71			
NTDB id 1191	AAC28468.1	484..945()		MLKKV	QKGF	TLIELMIVIAIIGILAA	AIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRCFSFPNAAALVAG	74			
NTDB id 1188	NELON	RS01755	WP 003772458.1	MKAM	QKGF	TLIELMIVIAIIGILAA	AIALPAYQDYTVRSKVVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF	73			
NTDB id 1424	RS	RS02795	WP 011000517.1	MKSMRHLNKRV	QKGF	TLIELMIVVAVIGVLA	AIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV.....	74			
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	MNA	QKGF	TLIELMIVIAIIGILAA	AIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNACALVAGTPST..	70			
NTDB id 79293	HRS36	RS05755	WP 173236568.1	MK	QKGF	TLIELMIVVAVIIGILAA	AIAIPAYQDYTIRARVTEGLQMASSAQLAVSETAITNNALPATQAAT..	69			
NTDB id 1274	LPP	RS09530	WP 011214168.1	MR	QKGF	TLIELMIVVAVIIGILAA	AIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..	69			
NTDB id 1258	GC085	RS09745	WP 014844212.1	MR	QKGF	TLIELMIVVAVIIGILAA	AIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..	69			
consensus				***!!!!!!!*!*****!***!***!*				!* ** *****	** *** *	* *	*

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NTDB id 1184	GTF74	RS02335	WP 000649326.1	GFTR.....L	CTVE.....	DMG.DGKIV	IAPTASGALGG..TIKYTF...DA....G	VSSSKIQLARD.....	126
NTDB id 1167	A1552VC	RS11065	WP 000649326.1	GFTR.....L	CTVE.....	DMG.DGKIV	IAPTASGALGG..TIKYTF...DA....G	VSSSKIQLARD.....	126
NTDB id 1160	ABDM36	RS02330	WP 000649326.1	GFTR.....L	CTVE.....	DMG.DGKIV	IAPTASGALGG..TIKYTF...DA....G	VSSSKIQLARD.....	126
NTDB id 1292	VP	RS12235	WP 005479693.1	...TLAQ...	LGVDV.....	AANDLGAIDSA....LAGGSPTLTFTF.....	DADSSIDYGILTFTRD.....		119
NTDB id 1038	HON27	RS01510	WP 000993725.1	GFTA.....	.....	ATSSVCATYSIDAF.TETDGAGKIT..CT...LKG..NPKI	IATKIVELTRS.....		116
NTDB id 1192	PAKAF	RS23870	WP 024947914.1	ATKKEVP...L	GVAA.....	DANKLGTIALKP...DPADGTADITLTF...TMGGAGPKNKGKI	ITLTRT.....		127
NTDB id 1197	PSJM300	03940	AFN76866.1	GY...	IGITD.....	STS.YCDVDLD...TAADGH...IE..CT...AKGGNAGK	FKDCKTITLNR.....		118
NTDB id 1204	PSJM300	03935	AFN76865.1	GF...	IGIGA.....	STN.YCTVTLI....ATATGS...IT..CT...TQNGMPDR	FNGKTTITART.....		120
NTDB id 1383	A4U84	RS08530	WP 005711781.1	GKN	GVRADK.....	SDVP....DAKYLK....SISVASGVITVAGK.....	GNIDCYGYTMTPK.....		123
NTDB id 1354	HI	0299	AAC21963.1	GKN	GIAADI.....	KT.....AKGYVA....SVITQSGGITVKGN.....	GTLANMEYILQAK.....		118
NTDB id 1365	NTHI	RS01955	WP 011271973.1	GKN	GIAADI.....	TT.....AKGYVK....SVTTSNGAITVKGD.....	GTLANMEYILQAT.....		118
NTDB id 1119	NGFG	RS11465	WP 017147169.1	GVA.....	.....	SPPTDIKGYVK....EVEVKNGVVATATMLS...SGVNNEIKGKKL	SLWG.....		117
NTDB id 1191	AAC28468.1	484..945()		NVI.....	FDSANGLDG...KYFAPGG...VTV.....	TPDTGAINTAFDA.....	GANAGKMTITPTVIA..		125
NTDB id 1188	NELON	RS01755	WP 003772458.1	NKTAAAGGGAG	CAAAAGTQHASKY....	VKSVKV.....TEASPWDITVAISATEANGIPTGLD	GNTIRLFPLVNKA		141
NTDB id 1424	RS	RS02795	WP 011000517.1	G.SS.....	.....	VFTPTKNVANLTIA....GTGTVPQGITVT.YT.....	TAAGGGTLALVPTAAGTA		123
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	AGSS	CVGVQEISASNATTNVATATCG.....	ASSAGQIIVTMDT.....TKAKGANITLTPT.....			122
NTDB id 79293	HRS36	RS05755	WP 173236568.1	GYTS.....	.....	PAPTANVASITIT.....TDATGVIVIT.YT.....	AAAGNGTLTLTPTL....		111
NTDB id 1274	LPP	RS09530	WP 011214168.1	GYVS.....	.....	PAATPNVASIAIT.....GANGVITIT.YT.....	AAAGGGTIVMTPTL....		110
NTDB id 1258	GC085	RS09745	WP 014844212.1	GYVS.....		PAATPNVQSIAIT.....GANGVITIT.YT.....	AAAGGGTIVMTPTL....		110
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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.VDGCS.....	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	.....	TDGLWDCTSD.....	LDSRYKPGKCL.....	141
NTDB id 1383	A4U84	RS08530	WP 005711781.1	....	FANNNTWATSCQGA...DISL.....	FPANFCGQKATP.....	154
NTDB id 1354	HI	0299	AAC21963.1	....	GNAAGVTWTTTCKGT...DASL.....	FPANFCGSVTK.....	149
NTDB id 1365	NTHI	RS01955	WP 011271973.1	....	GNAATGVTWTTTCKGT...DASL.....	FPANFCGSVTQ.....	149
NTDB id 1119	NGFG	RS11465	WP 017147169.1	....	RRENGSVKWFCGQPVTRADDDTVADAK..DGKE	IDTKHLPSTCRDKASDAK.....	166
NTDB id 1191	AAC28468.1	484..945( )		....	ASGQISTWTCAPGAANG.....	IETRRLPTSCQ*	153
NTDB id 1188	NELON	RS01755	WP 003772458.1	VP.AATSTGAIDWACASA	AKETADKRFGTGSGVAVGTLPAKYAPSECK.....		188
NTDB id 1424	RS	RS02795	WP 011000517.1	LPVSSAPSGPIMWTCYAQNKAQAASSVAPS...GTMS	LAAKYAPAECR.....		168
NTDB id 1002	ACIAD	RS15100	WP 004923779.1	....	YASGAVTWKCTTT.....	SDKKYVPSECRG.....	147
NTDB id 79293	HRS36	RS05755	WP 173236568.1	....	TANGDVTWNC	SVGTLLPKYAPASCR.....	136
NTDB id 1274	LPP	RS09530	WP 011214168.1	....	QANGDVTWTCTGG.....	TLLAKYRPASCRP.....	136
NTDB id 1258	GCO85	RS09745	WP 014844212.1	....	QANGDVTWTCTGG.....	TLLAKYRPASCRP.....	136
consensus					* * ! * * *	* ** * *	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved