

NTDB	id	1197	PSJM300	03940	AFN76866.1	MKAQ	MKGFTLIELMIVVAIIGILAAATLPAYQDYTVRS	NAAAAALAEITPGKIGFE.QAINEGKT	PSLTSTDEG	73
NTDB	id	1038	HON27	RS01510	WP	000993725.1	MNA	KQGFTLIELMIVVAIIGILAAAIAPQQYNYIAKSQVNSGFSEISSIKTGYE.NAVNEGAVPTKLS.DVG		70
NTDB	id	1292	VP	RS12235	WP	005479693.1	...MKHSHKQKK	QKGFTLIELMIVVAIIGVLAAGAIAPAYQNYVTRSEVTSGLATVKALITPAELHYQENG	GIAAAATLAQLG	77
NTDB	id	1191	AAC28468.1	484..945()			MLKKV	QKGFTLIELMIVTAIIGILAAATLPAYQDYTARAQTGEFKATAGLTDLGAWHRADRGSPFNAAALVAG		74
NTDB	id	1119	NGFG	RS11465	WP	017147169.1	MNTLV	QKGFTLIELMIVTAIVGILAAVALPAYQDYTARAQVSEATILLAEQGKSAVTEYYLNHGKWPENNTSA..		71
NTDB	id	1109	OK783	RS10670	WP	157147416.1	MNTLV	QKGFTLIELMIVTAIVGILAAVALPAYQDYTARAQVSEATILLAEQGKSAVTEYYLNHGIWPKDNTSA..		71
NTDB	id	1188	NELON	RS01755	WP	003772458.1	MKAM	QKGFTLIELMIVTAIIGILAAATLPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF		73
NTDB	id	1424	RS	RS02795	WP	011000517.1	MKSMRHLNKR	VQKGFTLIELMIVVAIIGILAAAIAPAYQDYTVRRARVEGLSLAAQAALKALVSENANAASDLSS.....		73
NTDB	id	1002	ACIAD	RS15100	WP	004923779.1	MNA	KQGFTLIELMIVTAIIGILAAAIAPAYTDYTVRARVSEGLTAASSMKTIVSENILNAGALVAGTPS...		69
NTDB	id	360538	FAZ30	RS07105	WP	124645118.1	MNSKI	QQGFTLIELMIVVAIIGILAAAIAPAYQDYTKRARVTEGLSLASAATAVSEYYYASNQFPTSNAS...		71
NTDB	id	1274	LPP	RS09530	WP	011214168.1	MR	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTIARVTEGLTLADSACLAVSETAITNNALPATQAA...		68
NTDB	id	1258	GC085	RS09745	WP	014844212.1	MR	QKGFTLIELMIVVAIIGILAAAIAPAYQDYTIARVTEGLTLADSACLAVSETAITNNALPATQAA...		68
consensus										
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NTDB	id	1197	PSJM300	03940	AFN76866.1	YIGIT.....DST...S..YCDVLDLTAADGH..IECTAKG....GNAGKFDGKTI.....	113
NTDB	id	1038	HON27	RS01510	WP 000993725.1	FTAAT.....SSVCATY..SIDAFTETDGACK..ITCTLKG....N..PKIATKIV.....	111
NTDB	id	1292	VP	RS12235	WP 005479693.1	VDVAAN.....DLGAIDS...ALAGSGPTLTFTFDA..D....SSIDGGIL.....	114
NTDB	id	1191	AAC28468.1	484..945()	NVIFDSAN.....GLDGKYFAPGGVTV.TPDTGA..INIAFDAGA....NACKTMTITPTV.....	123	
NTDB	id	1119	NGGF	RS11465	WP 017147169.1	CVASP.....PTDIKGKYVKEVE.....VKNGV..VTATMLS...SGVNNEIKGK.....KLSL	115
NTDB	id	1109	OK783	RS10670	WP 157147416.1	CVASA.....STIKGKYVQKVE.....VAKGV..VTAQMAS...TGVNKEIQDK.....KLSL	114
NTDB	id	1188	NELON	RS01755	WP 003772458.1	NKTAAAGGGA..CGAAAAGTQHASKY.....VKS VK..VTEASPWD..ITVAISATEANGIPTGLD..GNTIRLFPLV..NKAV	142
NTDB	id	1424	RS	RS02795	WP 011000517.1	VGSSV.....FTPTKNVANLTIAGTGTVPGQ..ITVTYTT.....AAGGTLALVPATAAGTALP	125
NTDB	id	1002	ACIAD	RS15100	WP 004923779.1	TAGSSCVGVQEISASNATTNVATAT..CGASSAQG..IIVTMDT.....TKAKGA.....NITL	119
NTDB	id	360538	FAZ30	RS07105	WP 124645118.1	AGLST.....SIGNAVSSVV..VGT..SGV..ITVTYNT.....LVDSTGSAN.....TLTL	113
NTDB	id	1274	LPP	RS09530	WP 011214168.1	TCYVS.....PAATPNVASIA..IGA..NGV..ITITYTA.....AAGG...GT.....IVMT	107
NTDB	id	1258	GCO85	RS09745	WP 014844212.1	TCYVS.....PAATPNVQSIA..IGA..NGV..ITITYTA.....AAGG...GT.....IIMT	107
consensus						* * * * *	

NTDB	id	1197	PSJM300	03940	AFN/6866.1	.TLNRTADGEWSCAST.....LD	AKYKPGKCS.....	139
NTDB	id	1038	HON27	RS01510	WP 000993725.1	.ELTRSTDGAWTCVSD.....	VPTEFLPKGCTAGTPTEGAITS	149
NTDB	id	1292	VP	RS12235	WP 005479693.1	.TFTRDATGWSCLPTAPAI	AVDGC.....	139
NTDB	id	1191	AAC28468.1	484..945()	.IAASGQISTWTCAPGAA.....	NGETRLPLTSCQ*	153	
NTDB	id	1119	NGFG	RS11465	WP 017147169.1	WGRRENGSVKWF	CGQPVTTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....	166
NTDB	id	1109	OK783	RS10670	WP 157147416.1	WAKRQDGSVKWF	CGQPVTTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.....	164
NTDB	id	1188	NELON	RS01755	WP 003772458.1	PAATSTGALDWACASAAKETADKRF	GTGSGVAVGTLPAKYAPSECK.....	188
NTDB	id	1424	RS	RS02795	WP 011000517.1	VSSAPSGPIMWTCYAQNKAQAASSVAP...	SGTMSLAAKYAPAECE.....	168
NTDB	id	1002	ACIAD	RS15100	WP 004923779.1	TPTYASCAVTTWKCTTT.....	SDKKYVPSCECG.....	147
NTDB	id	360538	FAZ30	RS07105	WP 124645118.1	SPSSGSGAISWKCAAA.....	TLPTNVVPSNCRNGN.....	144
NTDB	id	1274	LPP	RS09530	WP 011214168.1	PTLQANGDVTWCTGG.....	TLAKYRPASCRP.....	136
NTDB	id	1258	GC085	RS09745	WP 014844212.1	PTLQANGDVTWCTGG.....	TLAKYRPASCRP.....	136
consensus						* * ! * !	* * * * *	

 non conserved
 similar
 $\geq 50\%$ conserved