

NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGRLVEATIEAEDLRTAARLRDRGLFVAETKEPGKGLQAEVRIPALERGPGLK	65
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKKLKKGSISFITK.....ISHRVK GK	67
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKNYRWKGINSGKK.VSGQMLAISEIEVRDKLKDQHIQIKKLKKGGSVSLLAR.....LTHR VKSK	68
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLF AKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KT....SSK RKITQE	70
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLF AKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRV.....KT....SSK RKITQE	70
NTDB id 1252	GCO85 RS07730 WP 011213805.1	.MDKN.....SPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGVITNKKVKKRPLFDR.....KNKKITQA	67
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQK.....AIKNSVFTWEGLDRQGAK.IKGELSGVSPALVKAQLRKQGINPQKVRKKKSISLFS.....AGKKIKPM	66
NTDB id 289272	DDE02 RS17450 WP 002114869.1	MTVKK.....AQMMPTFAYEGVDRKGIK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVSTL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKK.....AQMMPTFAYEGVDRKGIVK.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVSTL	69
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITRTIREKRKNIFEG....LLKKVKPL	69
consensus		**** * * * ***** * * * * * ! * * * * * * * * * * * * * *	

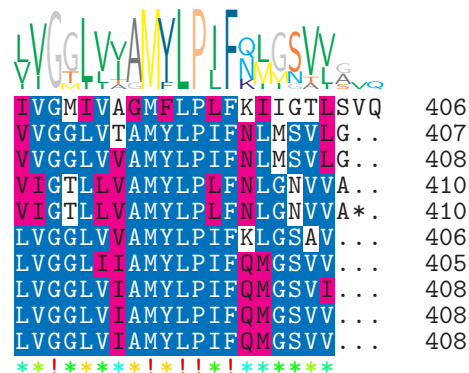
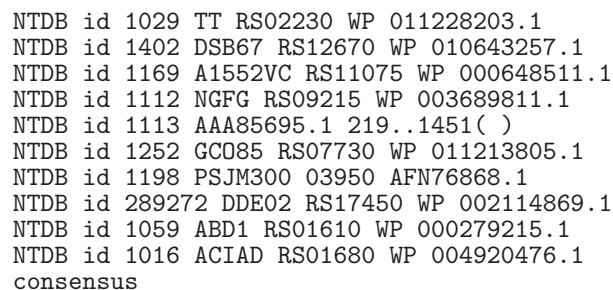
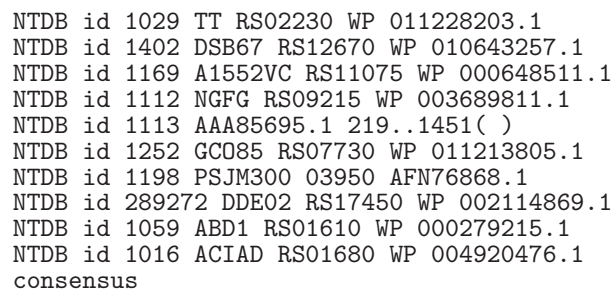
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NTDB	id	1402	DSB67	RS12670	WP	010643257.1	DITIFTRQIIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAWEAGTIPMSKAMRTASTHFDPlytDLIIATGEQSGNl	147
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	DITIILTRQLATMLTTGVPIVQALKLVGDNRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDFTLYVDLVETGEMSGNl	148
NTDB	id	1112	NGFG	RS09215	WP	003689811.1	DITVFTRQLSTMIKAGLPMAFEIVARGHGNSPMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB	id	1113	AAA85695.1	219..1451()			DITVFTRQLSTMINAGLPLMQAFEIVARHGHNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB	id	1252	GCO85	RS07730	WP	011213805.1	DITVFSRQLATMIESGIPLVQAFFDIVAKQGSNKRLKDLIETIKHDLETGLTLAE S LICKHPLYFNELFCNLVDAGEKSGSsl	147
NTDB	id	1198	PSJM300	O3950	AFN76868.1		DIALFTRQMATTMMKAGVPLLQSFDIIIGEGFDNPNNMRKLVDLLKQEVAAGNSSFASSLRKKPKPYFDdLYCnLVdsGEqsgSl	146
NTDB	id	289272	DDE02	RS17450	WP	002114869.1	DITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLIKGEVEGGSTFASALRKYPQHFDnlFCslVESgeqsGal	149
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	DITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLIKGEVEGGSTFASALRKYPQHFDnlFCslVESgeqsGal	149
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	DIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNVEVEGGNTFAGALRKYPQYFDnlFCslIESgeqsGl	149
consensus							!*****!!**!*!!!!*!*!*****!*********!*****!*****!*****!*****!*****!	

NTDB id 1029	TT RS02230 WP 011228203.1	DLILDRLASFLEKELELRGKIRSAMTYPVIVFVFAVGVAAYFLLTGIVPQFAQILTDLGSELPPLLTRFLIAVSDLLRAATL	224
NTDB id 1402	DSB67 RS12670 WP 010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVIPEFEKMFRTGFGADLPFTQMVNLNSAWTQNWGP	227
NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALIYPMSVVLVALGVSYLMLTMFVIPEFESMFKGFGAELPWFTTQQVLKLSHWVQAYSL	228
NTDB id 1112	NGFG RS09215 WP 003689811.1	ESLLDKLAIYKEKTQAIRKKVKITALTYPVSVIAIAIGLVFVMMIFVLPAFKEVYANMGALPALTQTVMDSDFVSYGW	230
NTDB id 1113	AAA85695.1 219..1451()	ESLLDKLAIYKEKTQAIRKKVKITALTYPVSVIAIAIGLVFVMMIFVLPAFKEVYANMGALPALTQTVMDSDFVSYGW	230
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DIMLDKVVATYKEKTEIKKKIKKALTYPVIAVMVVALLVTAGLLIYVVPQFESLFKGFADLPAMTRAVITMSEFMQAYWY	227
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NTDB id 289272	DDE02 RS17450 WP 002114869.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAVVVTIILMVKVVPVFQDLFSSFGADLPFTQMVVNMSKWMQEYWF	229
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAVVVTIILMVKVVPVFQDLFASFGADLPFTQMVVNMSKWMQEYWF	229
NTDB id 1016	ACIAD RS01680 WP 004920476.1	EIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAVVVTIILMVKVVPVFQDLFTSFGADLPFTQLVNVNMSNMQDQYWF	229
consensus		*****! ****!* ** !***!* !*!****!*****!*****! !**** *!*****!*****!*****	

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NTDB id 1029 TT RS02230 WP 011228203.1
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NTDB id 1169 A1552VC RS11075 WP 000648511.1
NTDB id 1112 NGFG RS09215 WP 003689811.1
NTDB id 1113 AAA85695.1 219..1451( )
NTDB id 1252 GCO85 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 289272 DDE02 RS17450 WP 002114869.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
consensus

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