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NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGR.L	VEATIEAEDIRTAARL	LRDRGLFVAETKEPGKGL	QAEVRIPALE	GPGLK	65		
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKNYRWKGINSGKK	VSGQMLAISEIEVRDK	LKDQHIQIKK	LKKGSVSILAR	LTHRVKSK	68		
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSSGKK	TSGNVLAMTEIEVRERL	DAQHIKIKK	LKKGSISFITK	ISHRVKKG	67		
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLF	AKKEKRFIFEGRHSASD	KL	VNGEVS	AFTEEEARKKLAKRGIRPLQITRV	KT....SSKKKITQE	70	
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLF	AKKEKRFIFEGRHSASD	KL	VNGEVS	AFTEEEARKKLAKRGIRPLQITRV	KT....SSKKKITQE	70	
NTDB id 1252	GCO85 RS07730 WP 011213805.1	.MDKN.....	SPPLLT	FHYQGINKAGQK	MEGDIQARSLAIAKAD	LRKQGI	VTNKVVKRKPI	PFDR....KNKKITQA	67
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQK.....	AIKNSVFT	WEGLDRQGAK	IKGELSGVSPALVKAQ	LRKQGINPQKVRKKSIS	LFS....AGKKIKPM	66	
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKK.....	TQVMPVF	FAYEGVDRKG	IK	LKGELPARNMALAKVT	LRKQGITITITREKRKNIFEG	LLKKKVKPL	69
NTDB id 1114740	ABCIP7010 RS01625 WP 000279218.1	MAVKK.....	AQMMPT	FAYEGVDRKG	GVK	IKGELPAKNMALAKVT	LRKQGVTVRTIREKRKNILEG	LFKKKVTTL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKK.....	AQMMPT	FAYEGVDRKG	GVK	IKGELPAKNMALAKVT	LRKQGVTVRTIREKRKNILEG	LFKKKVTTL	69
consensus		*****	* * *	*****	* *	* * * * *	! * * * * *	* * * * *	* * * * *

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NTDB id 1029	TT RS02230 WP 011228203.1	DLAIFSRQLATMLGAGLTLLQALAILERQTENRKRFREILKQVRTDVEGGMAFSEALS KH .KIFSRSLYVNLVRAGETSGGL	144
NTDB id 1169	A1552VC RS11075 WP 000648511.1	DITILTRQLATMTTGVPIVQALKLVGDNHRKAEMKKSILAQITKSVEAGTPLSKAMRTASAHFDTLVVDLVETGEMSGNL	148
NTDB id 1402	DSB67 RS12670 WP 010643257.1	DITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIAITGEQSGNL	147
NTDB id 1112	NGFG RS09215 WP 003689811.1	DITVFTRQLSTMIKAGLPLMQAFEIVARGHGPNSTEMLMLEIRGQVEQGSSLSRAFSNHPKYFYDRFYCNLVAAGETGGVL	150
NTDB id 1113	AAA85695.1 219..1451()	DITVFTRQLSTMINAGLPLMQAFEIVARGHGPNSTEMLMLEIRGQVEQQSSLSRAFSNHPKYFRFYCNLVAAGETGGVL	150
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DITVFSRQLATMIESGIPLMQAFDIVAKGSNKRLKDLIETIKHDIEITCLHLAESLIKHPLYFNELFCNLVDAGEKSGSL	147
NTDB id 1198	PSJM300 O3950 AFN76868.1	DIALFTRQMATTMMKAGVPLQSFDITIGEGFDNPNNMRKLVDLKKQEVAAAGNSFASSLRKKPKQFYDDLYCNLVDSGEQSGSL	146
NTDB id 1016	ACIAD RS01680 WP 004920476.1	DIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVVLGLKNEVEGGNTFAGALRKYPQYFDNFLFCSLIESGEQSGSL	149
NTDB id 1114740	ABCIP7010 RS01625 WP 000279218.1	DITIFTRQLATMMKAGVPLVQGFIVEAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNFLFCSLVESGEQSGSL	149
NTDB id 1059	ABD1 RS01610 WP 000279215.1	DITIFTRQLATMMKAGVPLVQGFIVEAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNFLFCSLVESGEQSGAL	149
consensus		!*****!***!!****!*!!!!!!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

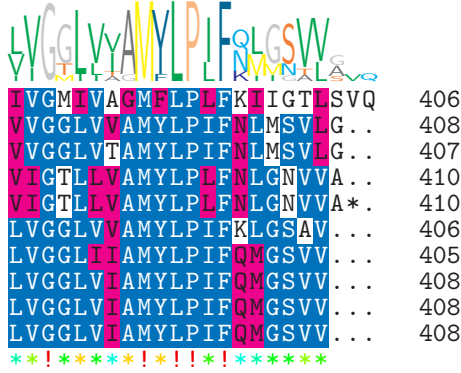
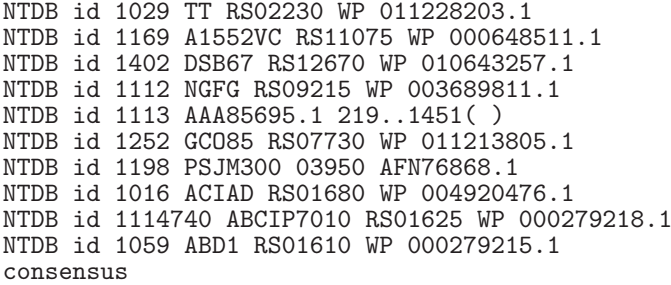
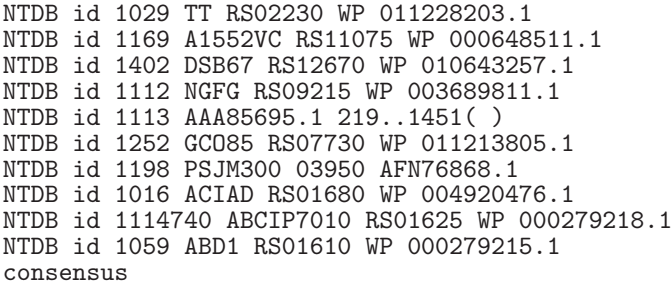
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NTDB id 1029	TT RS02230 WP 011228203.1	DLILDRLASFLEKELELRGKIRISAMTYPIVVFVAVGVAVFLITGLVPQFAQLITLDTLCSGLPLLLTRFLIAVSDILRAAATL	224
NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVPIPEFESMFKGFAGELPWFTTQQVLKLSHWVQAYSL	228
NTDB id 1402	DSB67 RS12670 WP 010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAVVVLVALGVSYLMLTRVPIPEFEKMTFGFGADLPFTQMVNLNSAWTQNWGP	227
NTDB id 1112	NGFG RS09215 WP 003689811.1	ESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGABLPPLTQTVMDSDFVSYGN	230
NTDB id 1113	AAA85695.1 219..1451()	ESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGABLPALTQTVMDSDFVSYGN	230
NTDB id 1252	GC085 RS07730 WP 011213805.1	DIMLDKVATYKEKIEIKKKIKKALTYPVIAVMVVALLVTAGLLIYVVPQFESLFGKFGADLPAMTRAVITMSEFMQAYWY	227
NTDB id 1198	PSJM300 03950 AFN76868.1	ETLLDRVATYKEKTEALKAKIKKAMNYPVIAVVLVAVIVTALLIKVVPVQFQDVAFNFGABLPFTLMLVIGLSEALQAWWY	226
NTDB id 1016	ACIAD RS01680 WP 004920476.1	EIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQLVVMNSNMQDYWF	229
NTDB id 1114740	ABCIP7010 RS01625 WP 000279218.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFASFGADLPFTQMVVMNSKWMQEYWF	229
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFASFGADLPFTQMVVMNSKWMQEYWF	229
consensus		*****	

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NTDB id 1198 PSJM300 03950 AFN76868.1
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NTDB id 1114740 ABCIP7010 RS01625 WP 000279218.1
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consensus

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- non conserved
- similar
- $\geq 50\%$ conserved