

logo

NTDB id 1029 TT RS02230 WP 011228203.1	MAK	65
NTDB id 1402 DSB67 RS12670 WP 010643257.1	MPVYQYKARDRQGRLLVEATTEAEDLRTAARLLRDRGLFVAEIKKEPGKGLQAEVRIPALERGPGGLK	67
NTDB id 1169 A1552VC RS11075 WP 000648511.1	.MKT.....IAPQLKNYRWKKGINSNGKK.TSGNVLAMTEIEVRRERLDAQHIKIKKKLKKGSISFITK.....ISHRVKGK	68
NTDB id 1113 AAA85695.1 219..1451()	MKAT.....QTLPLKNYRWKKGINSNGKK.VSQMLAISEIEVRDKLKDQHIQIKKKLKKGSVSLAR.....LTHRVKSK	70
NTDB id 1112 NGFG RS09215 WP 003689811.1	.MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVK.....T.....SSKRKITQE	70
NTDB id 1252 GC085 RS07730 WP 011213805.1	.MAKNGGFSFLFAKKEKRFIFEGRHSASDKLVNGEVSFAFTEEEARKKLAKRGIRPLQITRVK.....T.....SSKRKITQE	67
NTDB id 1016 ACIAD RS01680 WP 004920476.1	.MDK.....NSPPLILTFFHYQGGINKAGQK.MEGDIQARS LAIAKADLRKQGI VTNKVVKRKPFLFDR.....KNKKKITQA	69
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAAK.....KTQVMPVFAFEGVDRKGKIK.LKGELPARNMALAKVTLRKQGITRTIREKRKNIFEG....LLKKKVKPL	69
NTDB id 124800 HW10 RS24415 WP 003161763.1	MAVK.....KAQMMPTFAYEGVDRKGKIK.LKGELPAKNMALAKVTLRKQGITVRNIREKRKNILEG....LFFKKKVTTL	66
NTDB id 1198 PSJM300 03950 AFN76868.1	.MAD.....KALKTSVFFVWEGTDKKGKTK.VKGELSSQNPTLVKAQLRKQGITPVKVRKKGISLLG.....AGKKIKPM	66
consensus	.MAQ.....KAIKNSVFTWGLDRQGAK.TKGELSGVSPALVKAQLRKQGINPQKVRKKKSISLFS.....AGKKIKPM	66

logo

NTDB id 1029 TT RS02230 WP 011228203.1	DITIFTRQLATMAGYPLVQAEIVAEHNPMBRELLMEIKVEGSSSALRKHPQYFDLYCNLVAGFEQSGI	144
NTDB id 1402 DSB67 RS12670 WP 010643257.1	DLAIFSRQLATMLGAGLTLLQALAILERQTEENRKFREILKQVRTDVEGGMAFSEALS KH.KIFSRLYVNLVRAGETSGGL	147
NTDB id 1169 A1552VC RS11075 WP 000648511.1	DITIFTRQIATMLMTGVPIVQALKLVSENHKKAEMKSILMSVTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNL	148
NTDB id 1113 AAA85695.1 219..1451()	DITILTRQLATMLTTGVPIVQALKLVGDNHRKAEMKSILAQITKSVEAGTPLSKAMRTASAHFDTLYVDLIVETGEMSGNL	150
NTDB id 1112 NGFG RS09215 WP 003689811.1	DITVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB id 1252 GC085 RS07730 WP 011213805.1	DITVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	147
NTDB id 1016 ACIAD RS01680 WP 004920476.1	DITVFSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELCNLDVAGEKSGSL	149
NTDB id 1059 ABD1 RS01610 WP 000279215.1	DIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLIESGEQSGSL	149
NTDB id 124800 HW10 RS24415 WP 003161763.1	DITIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLIESGEQSGAL	146
NTDB id 1198 PSJM300 03950 AFN76868.1	DIALFTRQMATMMKAGVPLVQAFDIIEGFDNPNMRKLVDEEIKQEVAGGNSLANSLRKKPKQYFDSLYCNLVDAGEQSGAL	146
consensus	DIALFTRQMATMMKAGVPLVQAFDIIEGFDNPNMRKLVDDLKQEVAAAGNSFASSLRKKPKQYFDDLYCNLVDAGEQSGSL	146

logo

NTDB id 1029 TT RS02230 WP 011228203.1	EILDRYAYKEKTELRKIKKAMYPVVAIVAGVIGTYLLIWPDPFQSVAGFAGELPAETQVNMDSQYWL	224
NTDB id 1402 DSB67 RS12670 WP 010643257.1	DLILDRLASFLEKELELRGKIRSAMTYPIVVFVAVGVAYFLLTGIVPQFAQILTDLGSSELPLLTRFLIAVSDLLRAATL	227
NTDB id 1169 A1552VC RS11075 WP 000648511.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVPIPEFEKMFMTGFGADLPFTQMVNLNSAWTQNWGP	228
NTDB id 1113 AAA85695.1 219..1451()	PEVFERLATYREKSEQLRAKVIKALIYPMSVVLVALGVSYLMLTMVIPEFESMFKGFGAELPWFTQQVCLKSHVQAYSL	230
NTDB id 1112 NGFG RS09215 WP 003689811.1	ESLLDKLAIYKEKTQAIRKKVKKTALTYPVSVIAVAIGLVFVMMIFVLPAPFKEVYANMGAELPALTQTVMDMSDFFVSYGW	230
NTDB id 1252 GC085 RS07730 WP 011213805.1	ESLLDKLAIYKEKTQAIRKKVKKTALTYPVSVIAVAIGLVFVMMIFVLPAPFKEVYANMGAELPALTQTVMDMSDFFVSYGW	227
NTDB id 1016 ACIAD RS01680 WP 004920476.1	DIMLDKVATYKEKIEIKKKIKKALTYPPIAVMVVALLVTAGLLIYVVPQFESLFKGFAGDLPAMTRAVITMSEFMQAYWY	229
NTDB id 1059 ABD1 RS01610 WP 000279215.1	EIMLDRVAIYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQVNVNMSNMWQDYWF	229
NTDB id 124800 HW10 RS24415 WP 003161763.1	ETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFFQDLFASFGADLPFTQMVVNMSKMWQYWF	226
NTDB id 1198 PSJM300 03950 AFN76868.1	ETLLDRVATYKEKTEALKAKIKKAMTYPIAVIVVAIIVSAILLIKVVPQFQSVFEGFGAELPAFTQMVINISNVLQEWL	226
consensus	ETLLDRVATYKEKTEALKAKIKKAMNYPIAVVVLVAVIVTAILLIKVVPQFQDVVFANFGAELPAFTLMVIGLSEALQAWWY	226

logo

NTDB id 1029	TT RS02230 WP 011228203.1	P	303
NTDB id 1402	DSB67 RS12670 WP 010643257.1	F	307
NTDB id 1169	A1552VC RS11075 WP 000648511.1	W	308
NTDB id 1113	AAA85695.1 219..1451()	M	310
NTDB id 1112	NGFG RS09215 WP 003689811.1	M	310
NTDB id 1252	GC085 RS07730 WP 011213805.1	I	307
NTDB id 1016	ACIAD RS01680 WP 004920476.1	I	309
NTDB id 1059	ABD1 RS01610 WP 000279215.1	I	309
NTDB id 124800	HW10 RS24415 WP 003161763.1	L	306
NTDB id 1198	PSJM300 03950 AFN76868.1	V	306
consensus		*****	

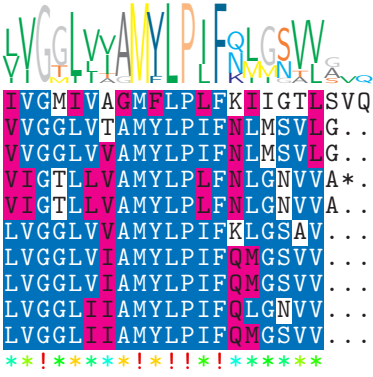
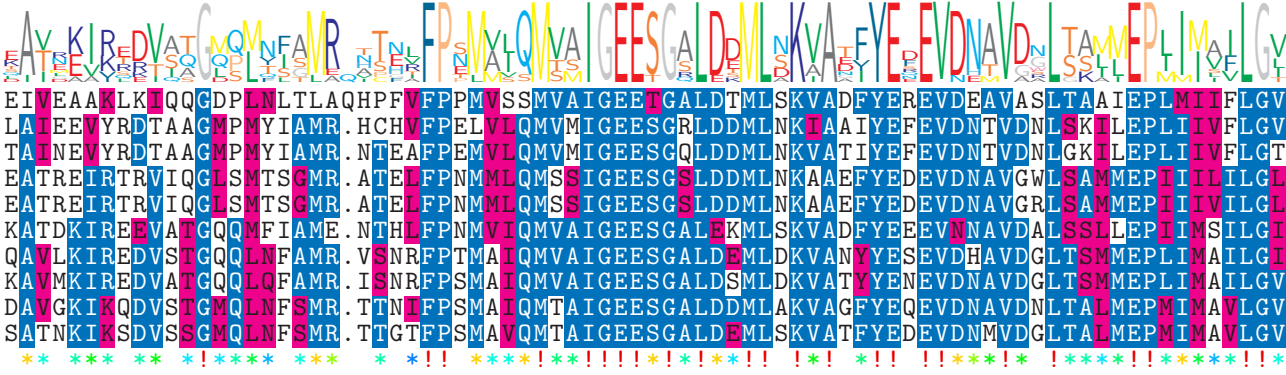
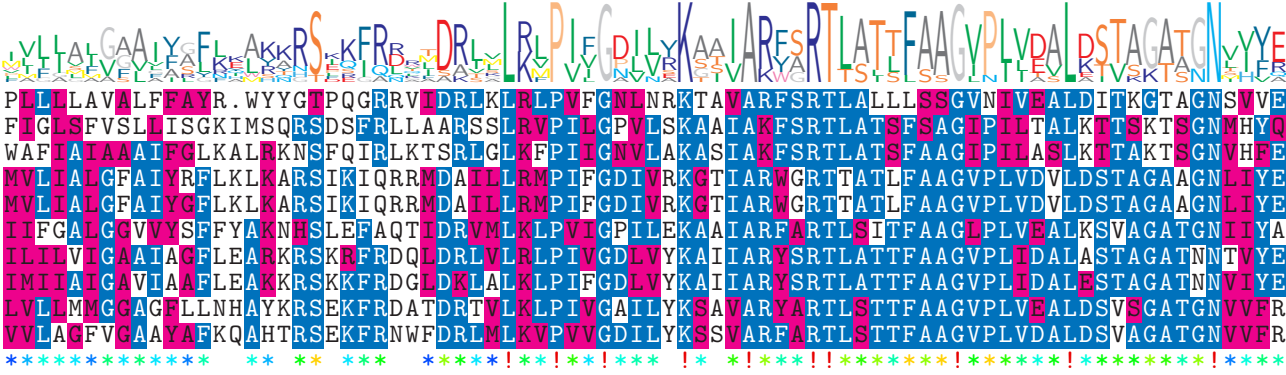
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NTDB id 1029	TT RS02230 WP 011228203.1	E	383
NTDB id 1402	DSB67 RS12670 WP 010643257.1	L	386
NTDB id 1169	A1552VC RS11075 WP 000648511.1	T	387
NTDB id 1113	AAA85695.1 219..1451()	E	389
NTDB id 1112	NGFG RS09215 WP 003689811.1	E	389
NTDB id 1252	GC085 RS07730 WP 011213805.1	K	386
NTDB id 1016	ACIAD RS01680 WP 004920476.1	Q	388
NTDB id 1059	ABD1 RS01610 WP 000279215.1	K	388
NTDB id 124800	HW10 RS24415 WP 003161763.1	D	385
NTDB id 1198	PSJM300 03950 AFN76868.1	S	385
consensus		***	

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logo

NTDB id 1029	TT RS02230 WP 011228203.1	I	406
NTDB id 1402	DSB67 RS12670 WP 010643257.1	V	407
NTDB id 1169	A1552VC RS11075 WP 000648511.1	V	408
NTDB id 1113	AAA85695.1 219..1451()	V	410
NTDB id 1112	NGFG RS09215 WP 003689811.1	V	410
NTDB id 1252	GC085 RS07730 WP 011213805.1	L	406
NTDB id 1016	ACIAD RS01680 WP 004920476.1	L	408
NTDB id 1059	ABD1 RS01610 WP 000279215.1	L	408
NTDB id 124800	HW10 RS24415 WP 003161763.1	L	405
NTDB id 1198	PSJM300 03950 AFN76868.1	L	405
consensus		***	



☒ non conserved
☒ similar
☒ ≥ 50% conserved