

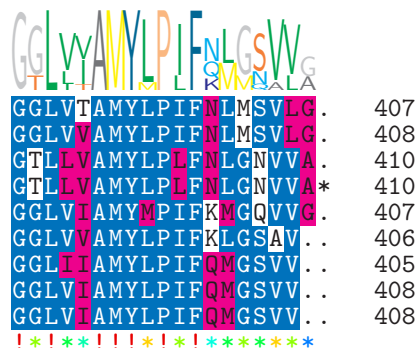
NTDB id 1402	DSB67 RS12670 WP 010643257.1	MKT.....IAPQLKNYRWKGINS..GKKTSGNVLAMTEIEVRRERLDAQHIKIKKLKKSISFITK.ISHRVKGKD	68
NTDB id 1169	A1552VC RS11075 WP 000648511.1	...MKAT.....QTLPLKNYRWKGINSN.GKKVSGQM LAISEIEVRDKLKDQHIIQIKKLKKSIVSLAR.LTHRVKSKD	69
NTDB id 1112	NGFG RS09215 WP 003689811.1	MAKNGGFSLFAKKEKRFFIFEGRHSADKLNVGEVSAFTEEEARKKLAKRGIRPLQITRVKTS.....SKRKITQED	71
NTDB id 1113	AAA85695.1 219..1451()	MAKNGGFSLFAKKEKRFFIFEGRHSASDKLVNVEVSAFTEEEARKKLAKRGIRPLQITRVKTS.....SKRKITQED	71
NTDB id 293464	DK843 RS09765 WP 114060250.1	MATTAACK.....TNPGYIEWEWEGKDKS.GKMIRGELRAESEAVAKTQLRRQGGINVAKIRRRRSRG.....FGKKITERD	68
NTDB id 1252	GC085 RS07730 WP 011213805.1	MDKN.....SPPLLT FHYQGINKA.GQKMEGD IQARS LAIAKADLRKQGIVTNKVVKRKP LFD R.KNKKITQAD	68
NTDB id 1198	PSJM300 03950 AFN76868.1	MAQQ.....AIKNSVFTWEGLDRQ.GAKIKGELSGVSPALVKAQLRKQGINTPQKVRKKSISLFS..AGKKIKPMD	67
NTDB id 1016	ACIAD RS01680 WP 004920476.1	...MAAKK.....TQVMVPVFAYEGVD RK.GIKLKGELPARNMALAKVT LRKQGITT RTIREKRKN IFEGLLK KVV KPLD	70
NTDB id 1059	ABD1 RS01610 WP 000279215.1	...MAVKK.....AQMMPT FAYEGVD RK.GVKKIGELPAKNMALAKVTV LRKQGVTVRNIREKRKN ILEGLFK KVV TTLD	70
consensus		*** * **** !* * ** !* * * !* * * !* * * !* * * !* * * !* * *	

NTDB id	1402	DSB67	RS12670	WP	010643257.1	ITIFTRQIATMLMTGVPIVQALKLVSENHKKAEKMSILMSVTRAVEAGTPMSKAMRTASTHFDP ^{LYTDLIIATGEQSGNLS}	148
NTDB id	1169	A1552VC	RS11075	WP	000648511.1	ITIILTRQLATMLITTGVPIVQALKLVGDNRHKAEMKSILAQTITKSVEAGTPLSKAMRTASAHFDTL ^{YVDLIVETGEMSGNLP}	149
NTDB id	1112	NGFA	RS09215	WP	003689811.1	ITVFTRQLSTMIKAGPLMQAFEIVARGHGHNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCN ^{LVAAGETGGVLE}	151
NTDB id	1113	AAA85695.1	219..1451()			ITVFTRQLSTMINAGLPLMQAFEIVARGHGHNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCN ^{LVAAGETGGVLE}	151
NTDB id	293464	DK843	RS09765	WP	114060250.1	ITLFTRQLSTMRRAGVPLLQAFDIAAKGHGNPAVTRMLLEVRA ^{DVETGSSLAEAFRKKPLFYDKLFCNI} I ^{IAAGEAGGVLD}	148
NTDB id	1252	GCO85	RS07730	WP	011213805.1	ITVFSRQLATMIESGIPLVQAFDIVAKGQSNKRCLKDLIETIK ^{HDIETGLTLAESLIKHPHYFNELFCNLVDAGEKSGSLD}	148
NTDB id	1198	PSJM300	03950	AFN76868.1		IALFTRQMATTMMKAGVPLLQSFDIIGEGFDNPNNMRKLVD ^{LKQEVAAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGSLE}	147
NTDB id	1016	ACIAD	RS01680	WP	004920476.1	IAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVVLG ^{LKNEVEGGNTFAGALRKYPQYFDNFLCFLIESGEQSGSLE}	150
NTDB id	1059	ABD1	RS01610	WP	000279215.1	ITIFTRQLATMMKAGVPLVQFEIVAEGLENPAMREVVLG ^{IKGEVEGGSTFASALRKYPPQHFDNFLCSLVSSEGEQSGALE}	150
consensus						!!*****!*****!*****!* * * * *!*****!*****!*****!*****!*****!*****!	

NTDB	id	1402	DSB67	RS12670	WP	010643257.1	QVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLMLTRVPIPEFEKMF	TGFGADLPAFTQMVLNL	SAWTQNWGPF	228
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	EVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMVPIPEFESMFKG	FGAELPWFTQQVLKLSHWVQAYSLW		229
NTDB	id	1112	NGA	RS09215	WP	003689811.1	SLLDKLAITYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELP	PLTQTVMDSDFFSVSGWM		231
NTDB	id	1113	AAA85695.1	219..1451()			SLLDKLAITYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELP	ALTQVTMDMSDFFSVSGWM		231
NTDB	id	293464	DK843	RS09765	WP	114060250.1	TLLDKLAITYKEKVMAIKSKIKSALIYPSAIVGTAFIITAVIMIYVIPAFKDLFSSFGANLP	PAPTLFVIWLSDDQFVHYWWL		228
NTDB	id	1252	GC085	RS07730	WP	011213805.1	IMLDKVATYKEKIEIKKKIKKALTYPPIAMVMVALLVTAGLLIYVVPQFESLFKGF	FGADLPAMTRAVITMSEFMQAYWYI		228
NTDB	id	1198	PSJM300	03950	AFN76868.1		TLLDRVATYKEKTEALKAKIKKAMNYPPIAVVLVAVIVTATILLIKVVPQFQDV	FANFGAELPAFTLMVIGLSEALQAWYV		227
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1	IMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVVPFKDL	FSTSFGADLPAFTQLVNNMSNMWDYWF		230
NTDB	id	1059	ABD1	RS01610	WP	000279215.1	TMLDRVAITYKEKSELKQKIKKAMKYPATVIVVAIVVTIILMVKVVVPFQDL	FASFGADLPAFTQMVVNNMSKWMQEYWF		230
consensus							*****!*****	*****!*****	*****!*****	*****!*****

[illegible]

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NTDB id 1402 DSB67 RS12670 WP 010643257.1
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 293464 DK843 RS09765 WP 114060250.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus
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logo

NTDB id	1402	DSB67	RS12670	WP	010643257.1	GGLV	TAM	YLP	IFN	NLMS	SVLG.	407
NTDB id	1169	A1552VC	RS11075	WP	000648511.1	GGLV	VAM	YLP	IFN	NLMS	SVLG.	408
NTDB id	1112	NNGF	RS09215	WP	003689811.1	GTLL	VAM	YLP	PLFN	LGN	VVA.	410
NTDB id	1113	AAA85695.1	219..1451()			GTLL	VAM	YLP	PLFN	LGN	VVA*	410
NTDB id	293464	DK843	RS09765	WP	114060250.1	GGLVI	IAM	YMP	IFKMGQ	VVG.		407
NTDB id	1252	GC085	RS07730	WP	011213805.1	GGLVV	VAM	YLP	IFKLGS	AV..		406
NTDB id	1198	PSJM300	03950	AFN	76868.1	GGLI	IAM	YLP	IFQMGS	VV..		405
NTDB id	1016	ACIAD	RS01680	WP	004920476.1	GGLVI	IAM	YLP	IFQMGS	VV..		408
NTDB id	1059	ABD1	RS01610	WP	000279215.1	GGLVI	IAM	YLP	IFQMGS	VV..		408
consensus						!	*	!	*! ! *	!	*! ! *	

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