

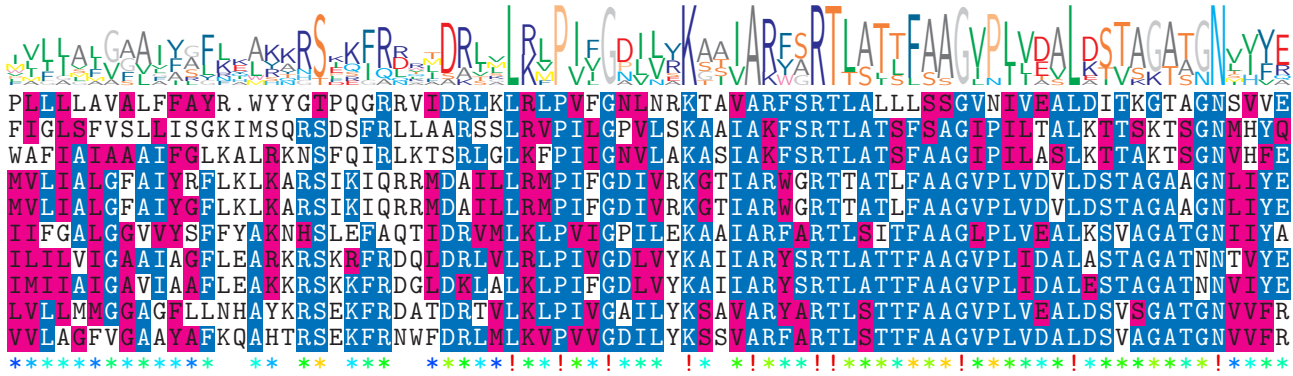
NTDB id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGR.LVEATTEAEDLRTAARL	LRDRGLFVAETKEPGKGQLQA	EVRIPALERGPGLK	65						
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQKNYRWKGINSSGKK.TSGNVLAMTEIEVRER	LDAQHIKIKKLKKSISFITK....ISHRVKGK		67						
NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPALKNYRWKGINSGKK.VSQMLAISIEEVRDKLKDQHIIQIKKLKKSVSLLAR....LTHRVKSK			68						
NTDB id 1113	AAA85695.1 219..1451()	.MAKNGGFSLFAKKEKRIFIEGRHSASDKLNVGEVSAFTEEEAARKKLAKRGIRPLQITRVK.....T....SSKRKITQE			70						
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLFAKKEKRIFIEGRHSASDKLNVGEVSAFTEEEAARKKLAKRGIRPLQITRVK.....T....SSKRKITQE			70						
NTDB id 1252	GC085 RS07730 WP 011213805.1	.MDK.....NSPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGVITNKVVKKRKPLFDR....KNKKITQA			67						
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAK.....KTQVMVPVFAYEGVDRKGKIK.LKGELPARNMALAKVTLRKQGITTIRETKRNIFEG...LLKKKVKKPL			69						
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVK.....KAQMMPTFAYEGVDRKGKVI.KGELPAKNMALAKVTLRKQGVTVRNIRETKRNILEG...LFFKKKVTTL			69						
NTDB id 41594	NCGM1900 RS11740 WP 003094649.1	.MAD.....KALKTSVFWWEGTDKKGTK.VKGELSSQNPTLVKAQLRKQGITPVKVRKKGISLLG.....AGKKIKPM			66						
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQ.....KAIKNSVFVWEGLDKQGAQ.IKGELSCVSPALVKAQLRKQGINPQKVRKKGSISLFS.....AGKKIKPM			66						
consensus		***	* *	*	*****	*	****	!*****	*****	*	****

NTDB id 1029	TT RS02230 WP 011228203.1	DLAIFSRQLATMIGAGITLLQALATLERQTE	NRKFR	EILKQV	RTDVEGGMAFSE	ALSKH	KIFSR	LYVNLV	RAGETSGG	144	
NTDB id 1402	DSB67 RS12670 WP 010643257.1	DITIFTRQIATMTGVP	IVQALK	LVSE	NHKKAE	MSILMS	SVTRA	VEAGTP	MSKAMRTASTHFDPLYTDLIATGEQSGNL	147	
NTDB id 1169	A1552VC RS11075 WP 000648511.1	DITILTRQLATMLTTGVP	IVQALK	LVGD	NHRKAE	MSILAQ	ITKSV	VEAGT	PLSKAMRTASAHFDTLYVDLVETGEMSGNL	148	
NTDB id 1113	AAA85695.1 219..1451()	DITVFRQLSTMINAG	PLMQAFE	IVARGH	GNPSMTE	MLMEIR	GQVEQ	GSSLSR	AFSNHPKYFDRFYCNLVAAAGETGGVL	150	
NTDB id 1112	NGFG RS09215 WP 003689811.1	DITVFTRQLS	MTIKAG	PLMQAFE	IVARGH	GNPSMTE	MLMEIR	GQVEQ	GSSLSR	AFSNHPKYFDRFYCNLVAAAGETGGVL	150
NTDB id 1252	GC085 RS07730 WP 011213805.1	DITVFSRQLATMIE	SGIPLVQAF	DIVAK	QSNKRL	KDLIET	IKHDIET	GTLAE	SLIKHPLYFNELFCNLVDAGEKSGSL	147	
NTDB id 1016	ACIAD RS01680 WP 004920476.1	DIAIFTRQLATMYKAG	VPLVQAFE	I	VAEGL	ENPAMRD	VVLGL	KNEVEGGNTFAGAL	RKYPQYFDNLFCSLIESGEQSGSL	149	
NTDB id 1059	ABD1 RS01610 WP 000279215.1	DITIFTRQLATMYKAG	VPLVQAFE	I	VAEGL	ENPAMRE	EVVLGI	KGEVEGGSTFASAL	RKYPQHFDNLFCSLVESGEQSGAL	149	
NTDB id 41594	NCGM1900 RS11740 WP 003094649.1	DIALFTRQMS	TMAAGVPL	LQSF	DI	ISEG	FDPN	NMRKL	VEEIKQEVAGGNSLANSLRKKPQYFD	LYCNLVDAGEQSGAL	146
NTDB id 1198	PSJM300 03950 AFN76868.1	DIALFTRQMS	TMAAGVPL	LQSF	DI	ISEG	FDPN	NMRKL	VDDLKQEVAGGNSFASSLRKKPQYFD	LYCNLVDSEGEQSGSL	146
consensus		!*****!*****!*	*!*****!*****	*!*****!*****	*!*****!*****	*!*****!*****	*!*****!*****	*!*****!*****	*!*****!*****	*****	*!*****!*****!*****!

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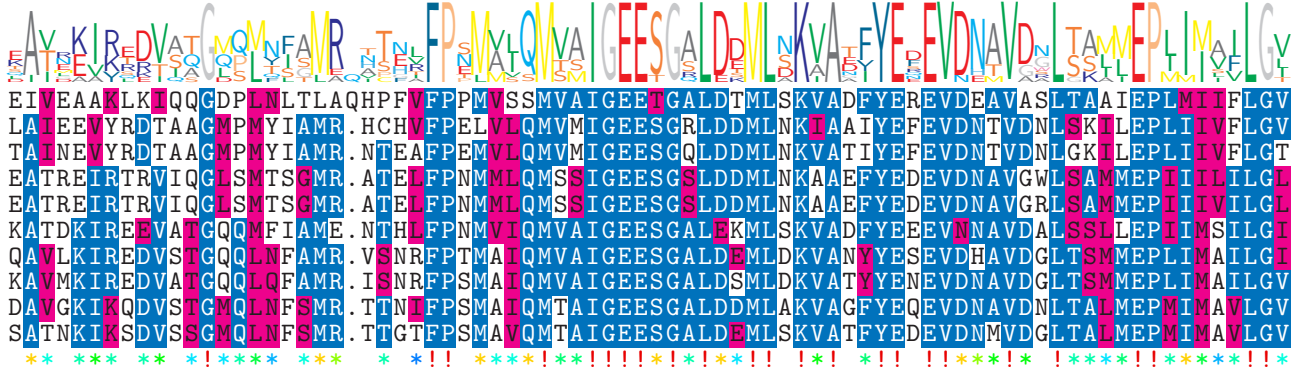
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NTDB	id	1113	AAA85695.1	219..1451()		
NTDB	id	1112	NGFG	RS09215	WP	003689811.1
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NTDB	id	1016	ACIAD	RS01680	WP	004920476.1
NTDB	id	1059	ABD1	RS01610	WP	000279215.1
NTDB	id	41594	NCGM1900	RS11740	WP	003094649.1
NTDB	id	1198	PSJM300	03950	AFN76868.1	
consensus						



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NTDB	id	1402	DSB67	RS12670	WP	010643257.1
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NTDB	id	41594	NCGM1900	RS11740	WP	003094649.1
NTDB	id	1198	PSJM300	03950	AFN76868.1	
consensus						

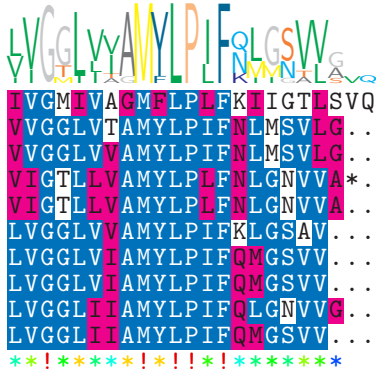


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NTDB	id	1402	DSB67	RS12670	WP	010643257.1
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1
NTDB	id	1113	AAA85695.1	219..1451()		
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NTDB	id	1252	GC085	RS07730	WP	011213805.1
NTDB	id	1016	ACIAD	RS01680	WP	004920476.1
NTDB	id	1059	ABD1	RS01610	WP	000279215.1
NTDB	id	41594	NCGM1900	RS11740	WP	003094649.1
NTDB	id	1198	PSJM300	03950	AFN76868.1	
consensus						



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- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved