

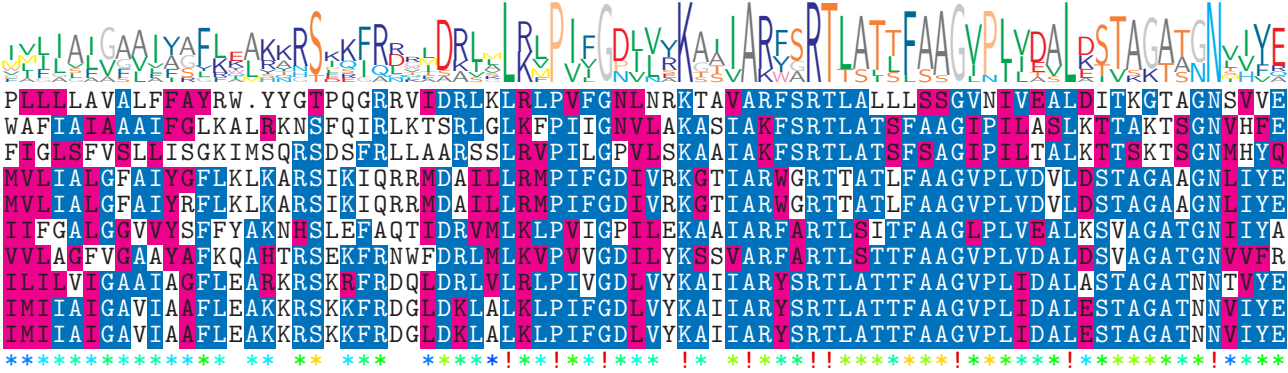
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NTDB id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHIIQIKKLKKGVSLSLAR....LTHR VKSK	68
NTDB id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSNGKK.TSGNVLAMTEIEVRERLDAQHIKIKKLKKGSSISFITK....ISHRVK GK	67
NTDB id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLF AKKEKR FIFEGRHASADKL VNGEVSAFTEEEAARKKLAKRGIRPLQITRV....KT....SSKRKITQE	70
NTDB id 1113	AAH85695.1 219..1451()	.MAKNGGFSLF AKKEKR FIFEGRHASADKL VNGEVSAFTEEEAARKKLAKRGIRPLQITRV....KT....SSKRKITQE	70
NTDB id 1252	GCO85 RS07730 WP 011213805.1	.MDKN.....SPPILT FHYQGINKAGQK.MEGDIQARSLATAKADLRKQGIVTNKVVKRKPLFDR....KNKKITQA	67
NTDB id 1198	PSJM300 03950 AFN76868.1	.MAQK.....AIKNSVFTWEGLDRQGAK.IKGELSCGVSPALVKAQLRKQGINPQKVRKKSSISLFS....AGKKIKPM	66
NTDB id 1016	ACIAD RS01680 WP 004920476.1	MAAKK.....TQVMVPVFAYEGVDRKGIK.LKGELPARNMALAKVT LRKQGITRTIREKRKNIFEG...LLKKVKPL	69
NTDB id 306479	DLEO2 RS02155 WP 000279216.1	MAVKK.....AQMMPTFAYEGVDRKGIVK.IKGELPAKNMALAKVT LRKQGVTVRNIREKRKNILEG...LFKKKV TTL	69
NTDB id 1059	ABD1 RS01610 WP 000279215.1	MAVKK.....AQMMPTFAYEGVDRKGIVK.IKGELPAKNMALAKVT LRKQGVTVRNIREKRKNILEG...LFKKKV TTL	69
consensus		*** * * ***** * **** * !***** ** **** *	****

NTDB	id	1029	TT	RS02230	WP	011228203.1	D	L	A	I	F	S	R	Q	L	A	T	M	L	G	A	C	L	T	L	L	Q	A	L	A	I	L	E	R	Q	T	E	N	R	K	F	R	E	I	L	K	Q	V	R	T	D	V	E	G	G	M	A	F	S	E	A	L	S	K	H	.	K	I	F	S	R	L	Y	V	N	L	V	R	A	G	E	T	S	G	G	L	144	
NTDB	id	1169	A1552VC	RS11075	WP	000648511.1	D	I	T	I	L	T	R	Q	L	A	T	M	L	T	T	G	V	P	I	V	Q	A	L	K	L	V	G	D	N	H	R	K	A	E	M	K	S	I	L	A	Q	I	T	K	S	V	E	A	G	T	P	L	S	K	A	M	R	T	A	S	A	H	F	D	T	L	Y	V	D	L	V	E	T	G	E	M	S	G	N	L	148	
NTDB	id	1402	DSB67	RS12670	WP	010643257.1	D	I	T	I	F	T	R	Q	L	A	T	M	L	M	T	G	V	P	I	V	Q	A	L	K	L	V	S	E	N	H	K	K	A	E	M	K	S	I	L	M	S	V	T	R	A	V	E	A	G	T	P	M	S	K	A	M	R	T	A	S	T	H	F	D	P	L	Y	T	D	L	I	A	T	I	G	E	Q	S	G	N	L	147
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NTDB	id	1113	AAA85695.1			219..1451()	D	I	T	V	F	T	R	Q	L	S	T	M	I	N	A	G	L	P	L	M	Q	A	F	E	I	V	A	R	G	H	G	N	P	S	M	T	E	M	L	M	E	I	R	G	Q	V	E	Q	G	S	S	L	S	R	A	F	S	N	H	P	K	Y	F	D	R	F	Y	C	N	L	V	A	A	G	E	T	G	G	V	L	150	
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NTDB	id	1198	PSJM300	03950	AFN	76868.1	D	I	A	L	F	T	R	Q	M	A	T	M	K	A	G	V	P	L	L	S	F	D	I	T	G	E	G	F	D	N	P	N	M	R	K	L	V	D	D	L	K	Q	E	V	A	A	G	N	S	F	A	S	S	L	R	K	K	P	Q	Y	F	D	D	L	Y	C	N	L	V	D	S	G	E	Q	S	G	S	L	146			
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NTDB	id	306479	DLE02	RS02155	WP	000279216.1	D	I	T	I	F	T	R	Q	L	A	T	M	K	A	G	V	P	L	V	Q	G	F	E	I	V	A	E	G	L	E	N	P	A	M	R	E	V																																													

NTDB id 1029	TT RS02230 WP 011228203.1	DLLDRLASFLKELELRGKIRSAMTYPVIVFVFAVGVAIFLLTGIVPQFAQILTDLGSELP LLTRFLIAVSDDLRAATL	224
NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALIYPSPMVVLVALGVSYLM LTMVIP EFESMF KFGGAELPWFTQQVKLSHWVQAYSL	228
NTDB id 1402	DSB67 RS12670 WP 010643257.1	SQVFERLATYREKSEQLRAKVIKALIYPAMVVLVALGVSYLM LTRVIP EF EK MF TGF GADLPAFTQMVLNLSAWTQN WGP	227
NTDB id 1112	NGFG RS09215 WP 003689811.1	E SLDKLATYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFM MIFVLPAPAFKEVYANMGAELPLTQTVM DMSDFFSYGW	230
NTDB id 1113	ACA85695.1 219..1451()	ESLDKLATYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFM MIFVLPAPAFKEVYANMGAELPALTQTVM DMSDFFSVSGW	230
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DIMLDKVATYKEKTEI IKKKIKKALTYP IAVMVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQAYWY	227
NTDB id 1198	PSJM300 O3950 AFN76868.1	ETLLDRVATYKEKTEALAKIKKAMNYP IAVVVLVAVIVTAILLIKVVPQFQDV FANFGAELPAFTLMVIGLSEALQAWWY	226
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NTDB id 306479	DLEO2 RS02155 WP 000279216.1	ETMLDRVATYKEKSELKQKIKKMKYPATVIVVAIVVTIILMVKVVPV FQDLFASF GADLPAFTQM VVNMSKWMQEYWF	229
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVATYKEKSELKQKIKKMKYPATVIVVAIVVTIILMVKVVPV FQDLFASF GADLPAFTQM VVNMSKWMQEYWF	229
consensus		* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *	

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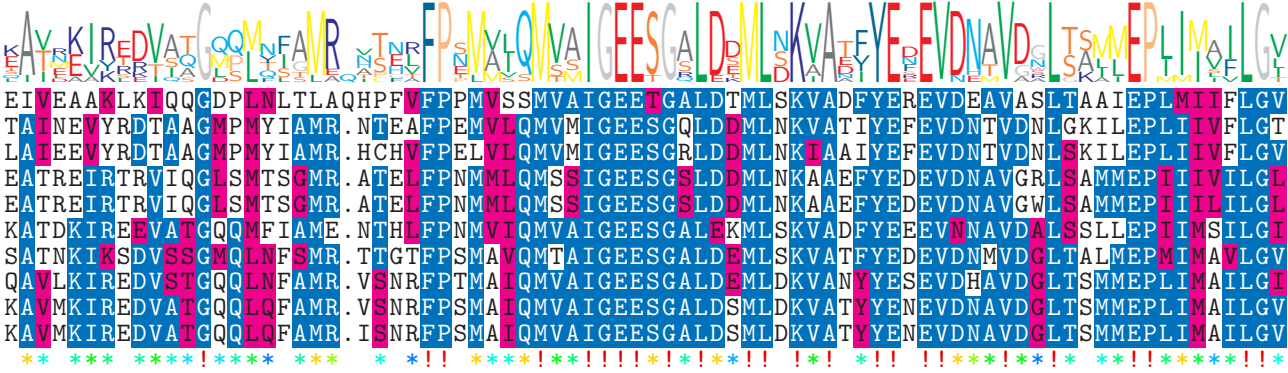
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NTDB id 306479 DLE02 RS02155 WP 000279216.1
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NTDB id 1029 TT RS02230 WP 011228203.1
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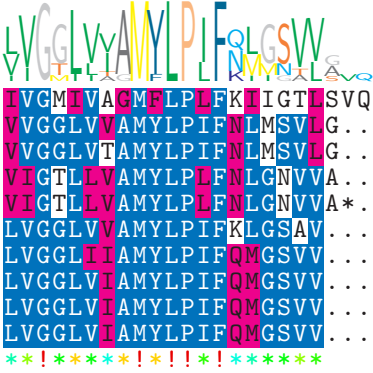


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NTDB id 1059 ABD1 RS01610 WP 000279215.1
consensus



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☒ non conserved
☒ similar
☒ ≥ 50% conserved