

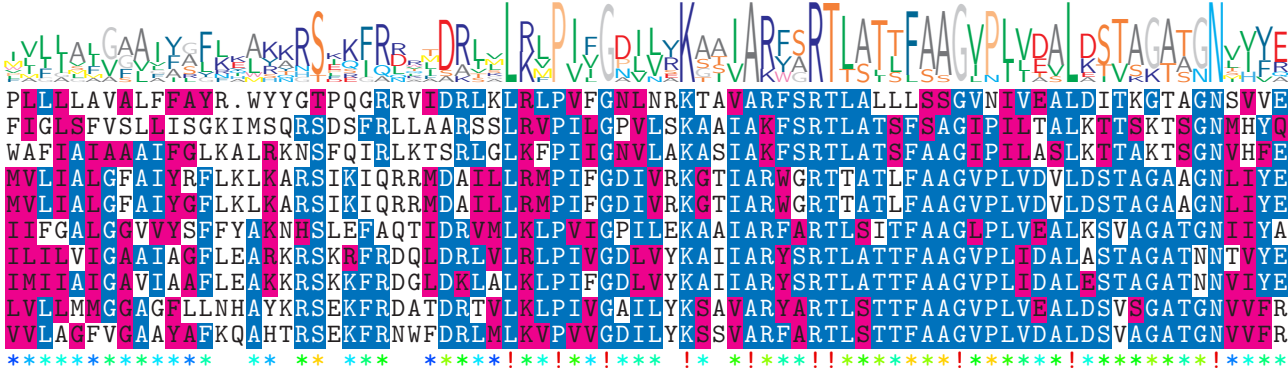
NTDB	id 1029	TT RS02230 WP 011228203.1	MPVYQYKARDRQGRLVEATIEAEDLRTAARLRDRGLFVAETKEPGKGQLQAEVRIPALERGPGLK	65
NTDB	id 1402	DSB67 RS12670 WP 010643257.1	.MKT.....IAPQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKKLKGSGISFITK.....ISHRVKKGK	67
NTDB	id 1169	A1552VC RS11075 WP 000648511.1	MKAT.....QTLPLKNYRWKGINSGKK.VSGQMLAISEIEVRDKLKDQHIQIKKKLKGSGVSLLAR.....LTHRVTSK	68
NTDB	id 1113	AAA5695.1 219..450()	.MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRKITQE	70
NTDB	id 1112	NGFG RS09215 WP 003689811.1	.MAKNGGFSLFAKKEKRFIFEGRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....T....SSKRKITQE	70
NTDB	id 1252	GC085 RS07730 WP 011213805.1	.MDK.....NSPPLLTFHYQGINKAGQK.MEGDIQARSLATAKADLRKQGIVTNKVVKKRKPLFDR.....KNKKITQA	67
NTDB	id 1016	ACIAD RS01680 WP 004920476.1	MAAK.....KTQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEG....LLKKKVKPL	69
NTDB	id 1059	ABD1 RS01610 WP 000279215.1	MAVK.....KAQMMPTFAYEGVDRKGIV.IKGELPAKNMALAKVTLRKQGVTVRNIREKRKNILEG....LFKKKVTTL	69
NTDB	id 124822	HW09 RS14415 WP 015648061.1	.MAD.....KALKTSVFWWEGTDDKGGTK.VKGELSSQNPTLVKQALRKQGITPVKVRKKGISLLG.....AGKKIKPM	66
NTDB	id 1198	PSJM300 03950 AFN76868.1	.MAQ.....KAIKNSVFTWEGLRDQGAQ.IKGELSGVSPALVKAQLRKQGINPQKVRKKGISLFS.....AGKKIKPM	66
consensus			*** * * * * *	

NTDB id 1029	TT RS02230 WP 011228203.1	DIAIFSRQLATMLGAGLTLQALAILERQTENRKFRREILKQVRTDVEGGMAFSEALS KH.KI FSRLYVNLVRAGETSGGL	144
NTDB id 1402	DSB67 RS12670 WP 010643257.1	DITIFTRQIIATMLMTGVPIVQALKLVSENHKKAE MKSILMS VTRAVEAGTPMSKAMRTASTHFDPLYTDLIATGEQSGNL	147
NTDB id 1169	A1552VC RS11075 WP 000648511.1	DITI L TRQLATMLTGTGVPIVQALKLVGDNHRKAEM SILAQITKS VEAGTPLSKAMRTASAHFDTLYVDLVETGEMSGNL	148
NTDB id 1113	AAA85695.1 219..1451()	DITVFTRQLSTMINAGLPLMQAFEIVARGHG NPSMTEMLMEIR GQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB id 1112	NGFG RS09215 WP 003689811.1	DITVFTRQLSTM I KAGLPLMQAFEIVARGHGNP SMTEMLMEIR GQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGVL	150
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DITVF S RQLATMI E SGIPLVQA F DIVAKQGSNKRLKD L TIETIKHD I ETGLTLAELSLIKHPLYFNELFCNLVDAGEKSGSL	147
NTDB id 1016	ACIAD RS01680 WP 004920476.1	DIAIFTRQLATMMKAGVPLVQA F EIVAEGLENPAMRDVV L LGKN E VEGGNTFAGALRKYPPQYFDNFLFCSLIESGEQSGSL	149
NTDB id 1059	ABD1 RS01610 WP 000279215.1	DITIFTRQLATMMKAGVPLVQGF E IVAEGLENPAMRE V VLGIKG E VEGGSTFASALRKYPPQHFDNFLFCSLVESGEQSGAL	149
NTDB id 124822	HW09 RS14415 WP 015648061.1	DIALFTRQMST M TMAAGVPLLQSFDITISEGF DNP NMRKLVEEIKQE V AGGNSLANSLRKKPKQYFDSL C YNLVDAGEQSGAL	146
NTDB id 1198	PSJM300 03950 AFN76868.1	DIALFTRQM M TMMKAGVPLLQSFDIIGEF DNP NMRKL V DDLKQE V AAAGNSFASSLRKKPKQYFDDL C YNLVD S GEQSGSL	146
consensus		!*****!!**!* *!*****!*****!***** ***** !*****!*****!*****!*****!*****!	

NTDB id 1029	TT RS02230 WP 011228203.1	DLILDRLASFLKELELRGKIRSAMTYPVIVFVFVAVGVAYFLLTGIVPQFAQILTDLGSELPLLTRFLIAVSDDLRAATL	224
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NTDB id 1169	A1552VC RS11075 WP 000648511.1	PEVFERLATYREKSEQLRAKVIKALIYPSMVVLVALGVSYLMLTMTVIPEFESMFKGFGAELPWFTTQQVLKLSHWVQAYS	228
NTDB id 1113	AAA85695.1 219..1451()	ESLLDKLAIYKEKTQAIRKKVKITALTYPVSVIAVAIGLVFMVMIFVLPAFKEVYANMGALPAALTQTVMDSDFVSYGW	230
NTDB id 1112	NFGF RS09215 WP 003689811.1	ESLDDKLAIYKEKTQAIRKKVKITALTYPVSVIAVAIGLVFMVMIFVLPAFKEVYANMGALPPLTQTVMDSDFVSYGW	230
NTDB id 1252	GCO85 RS07730 WP 011213805.1	DIMLDKVATYKEKIETIKKKIKKALTYPVIAVMVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQAYWY	227
NTDB id 1016	ACIAD RS01680 WP 004920476.1	EIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPFTQLVNNMSNMWDYWF	229
NTDB id 1059	ABD1 RS01610 WP 000279215.1	ETMLDRVAVIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFPQDLFASFGADLPFTQMNVNMSKMWEYWF	229
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NTDB id 1198	PSJM300 03950 AFN76868.1	ETLLDRVATYKEKTEALKAKIKKAMTYPIAIVVLVAIVTAILLIKVVPQFQDVFFANFGAELPAFTLMVIGLSEALQAWWY	226
consensus		*****!****!* ** * ****!!**!!* ! **** * !!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	

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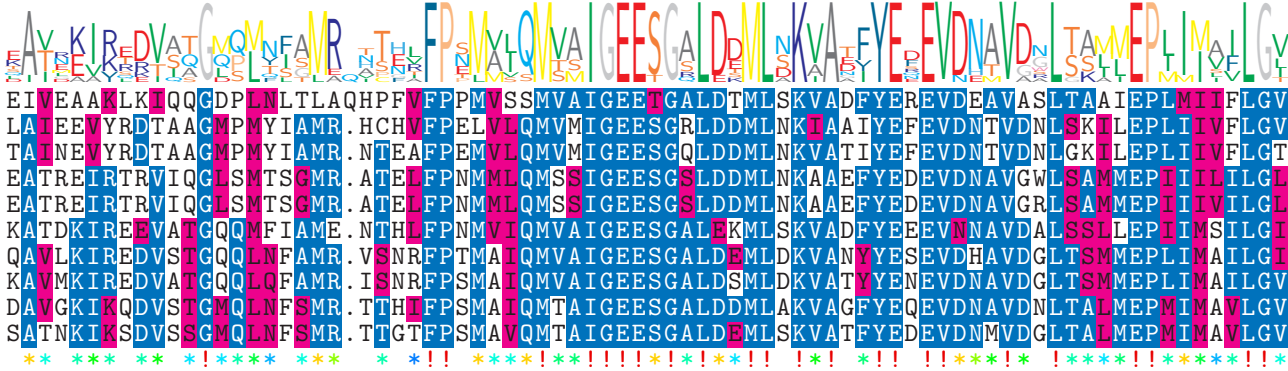
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NTDB id 1169 A1552VC RS11075 WP 000648511.1
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NTDB id 1252 GC085 RS07730 WP 011213805.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
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NTDB id 124822 HW09 RS14415 WP 015648061.1
NTDB id 1198 PSJM300 03950 AFN76868.1
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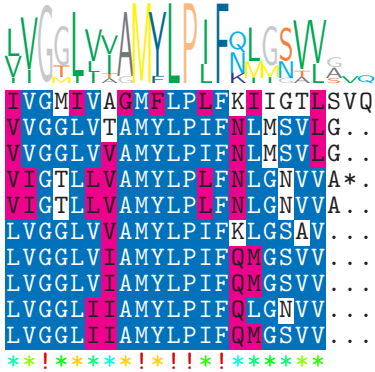


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NTDB id 1198 PSJM300 03950 AFN76868.1
consensus



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☒ non conserved
☒ similar
☒ ≥ 50% conserved