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NTDB id 1169 A1552VC RS11075 WP 000648511.1	MKATQTLP	VSCQMLAIS	LAR.LT	67
NTDB id 1402 DSB67 RS12670 WP 010643257.1	MKTIA	TSGNVLAMTE	ISHRVKG	66
NTDB id 1112 NGFG RS09215 WP 003689811.1	MAKNGGFS	LNGEVS	TSSKRKITQ	69
NTDB id 1113 AAA85695.1 219..1451()	MAKNGGFS	LNGEVS	TSSKRKITQ	69
NTDB id 1198 PSJM300 03950 AFN76868.1	MAQKA	IKGELS	AGKKIKP	65
NTDB id 1016 ACIAD RS01680 WP 004920476.1	MAAKKTQ	LKGELP	IFEGLLK	68
NTDB id 1059 ABD1 RS01610 WP 000279215.1	MAVKKA	IKGELP	LEGLFK	68
NTDB id 1102004 Q9282 RS15240 WP 011408067.1	MSVARSAIKKQ	MKCEQT	AGKKITP	78
NTDB id 1252 GC085 RS07730 WP 011213805.1	MDKN	MKCEQT	FDR.KN	66
consensus	* * * * * ! * * * * ! * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !			

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	KDITILTRQLATMTTGVPIVQALKLVGDNRHKAEMKKSILAQITKSV	AGTPLSKAMRTASAHFDTLVVDLVETGEMSGN	147	
NTDB id 1402 DSB67 RS12670 WP 010643257.1	KDITIFTRQIATMTTGVPIVQALKLVSENHKKAEMKKSILMSV	TRAVEAGTPMSKAMRTASTHFDPLYTDLIATGTEQSGN	146	
NTDB id 1112 NGFG RS09215 WP 003689811.1	EDITVFRQLSTMIAKAGLPLMQAFEIVARGHGNPSMTEMLME	IRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV	149	
NTDB id 1113 AAA85695.1 219..1451()	EDITVFRQLSTMIAKAGLPLMQAFEIVARGHGNPSMTEMLME	IRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV	149	
NTDB id 1198 PSJM300 03950 AFN76868.1	MDIALFTRQMATMMKAGVPLLVQSFDIIGEGFDNPNMRKLVDD	LKQEVAAAGNSFASSLRKKPKQFYDDLYCNLVDSGEQSGS	145	
NTDB id 1016 ACIAD RS01680 WP 004920476.1	LDIALFTRQLATMMKAGVPLVQAFEIVAEGLNPAMRDVVVLGL	KNKEVEGNTFAGALRKYPQYFDNLFCSLIESGEQSGS	148	
NTDB id 1059 ABD1 RS01610 WP 000279215.1	LDITIFTRQLATMMKAGVPLVQCFEIVAEGLNPAMREVVLGI	KGEVEGGSSTFASALRKYPQHFDNLFCSLVESGEQSGA	148	
NTDB id 1102004 Q9282 RS15240 WP 011408067.1	KEIAFFSRQMATMMKSGVPIVSSLEITGEGHKNPRMKMKMGQ	IRTDIEGSSLYESI	SKHPVQFDELYRNLVRAGEGAGV	158
NTDB id 1252 GC085 RS07730 WP 011213805.1	ADITVFSRQLATMTESGPIPLVQAFDIVAKGQSNKRLKDLIET	IKHDIETGLTLAEASLI	KHPLYFNELFCNLVDAGEKSGS	146
consensus	* ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !			

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NTDB id 1169 A1552VC RS11075 WP 000648511.1	LPEVFERLATYREKSEQLRAKVIKALITYPSMVVLVALGVSYLMLTMVIFPEFESMFKGFGAELPWFTQQVLKLSHWVQAYS	227
NTDB id 1402 DSB67 RS12670 WP 010643257.1	LSQVFERLATYREKSEQLRAKVIKALITYPAMVVLVALGVSYLMLTRVIFPEFEKMFMTGFGADLPFAFTQMVLNLSAWTQNWG	226
NTDB id 1112 NGFG RS09215 WP 003689811.1	LESLLDKLATYKEKTAIRKKVKLTALTYPSVSVIAVAIGLVFVMMIFVLPAFKKEVYANMGAEPLPTQTVMDSDFVSYG	229
NTDB id 1113 AAA85695.1 219..1451()	LESLLDKLATYKEKTAIRKKVKLTALTYPSVSVIAVAIGLVFVMMIFVLPAFKKEVYANMGAEPLPTQTVMDSDFVSYG	229
NTDB id 1198 PSJM300 03950 AFN76868.1	LETILDRVATYKEKTEALKAKIKKAMNYPITAVVLVAVIVTITAILLIKVVVPQFQDVFANFGAELPAFTLMVIGLSEALQAWW	225
NTDB id 1016 ACIAD RS01680 WP 004920476.1	LETIMLDRVATYKEKSEVLKQKIKKAMKYPATVIVVAIVVTITILMVKKVVPVFKDLFTSFGADLPFAFTQLVVNMNSNMQDYW	228
NTDB id 1059 ABD1 RS01610 WP 000279215.1	LETIMLDRVATYKEKSELLKQKIKKAMKYPATVIVVAIVVTITILMVKKVVPVFKDLFTSFGADLPFAFTQMVLVNMSKMQEYW	228
NTDB id 1102004 Q9282 RS15240 WP 011408067.1	LETVLETVATYKENIEALKGKIKKALFYPAMVVAIVITVSAITLLIFVVPQFEVFKSFGAELPAFTQLLVNNSRFMVSYW	238
NTDB id 1252 GC085 RS07730 WP 011213805.1	LDITMLDDKVATYKEKTEITKKKIKKALTYPITAVMVVALLVITAGLLIYVVPQFESLFGKFGADLPAMTRAVITMSSEFMQAYW	226
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NTDB id 1169 A1552VC RS11075 WP 000648511.1	LWAFIAIAAAIFGLKAL	KN	SFQIRLKTSRLGLKFPI	IGNVLAKASIAKFSR	TLATSFAAGIPILASL	KTAKTSGNVHF	307
NTDB id 1402 DSB67 RS12670 WP 010643257.1	PFITGLSFSVSLISGKIMSQR	SDSFRLLAARSSLRVP	ILGPVL	SKAAIAKFSR	TLATSFSAGIPILT	TALKTTSTKTSGNMHY	306
NTDB id 1112 NGFG RS09215 WP 003689811.1	WMVLIAGFATYCFIKL	KARSIKIQR	MDAILLRMP	IFGDIVR	KGTIARWGR	TATLFAAGVPLVDVLDSTAGAGNLIY	309
NTDB id 1113 AAA85695.1 219..1451()	WMVLIAGFATYCFIKL	KARSIKIQR	MDAILLRMP	IFGDIVR	KGTIARWGR	TATLFAAGVPLVDVLDSTAGAGNLIY	309
NTDB id 1198 PSJM300 03950 AFN76868.1	YVVIAGFVGAAYAFKQA	HTRSEKFRNWF	DRLMLKV	PVVG	DILYKSSVARF	ARTLSTTFAAGVPLVDALDSVAGATGNVVF	305
NTDB id 1016 ACIAD RS01680 WP 004920476.1	FILILVIGAAIAGFIEAR	KRSKRFRDQL	DRLVLRL	PIVGD	LVYKAI	IARYSRTLATTFAAGVPLIDALASTAGATNNTVY	308
NTDB id 1059 ABD1 RS01610 WP 000279215.1	FIMIIAIGAVIAAFIEAK	KRSKFRDGL	DKLALK	LPIFG	DLVYKAI	IARYSRTLATTFAAGVPLIDALEASTAGATNNVIY	308
NTDB id 1102004 Q9282 RS15240 WP 011408067.1	WLMLIVTVGSSVVGFI	FAYKRSPRMQ	HQLDRL	LTKVP	VIQIMYNSA	IARFARTTAVTFKAGVPLVEALGIVAGATGNKLY	318
NTDB id 1252 GC085 RS07730 WP 011213805.1	YIIFGALGGVYVSFFYA	KN	SLEFQAQTL	DRVM	LKLPVIG	PILEKAAIARFARTLSITFAAGPLVEALKSVAGATGNLIY	306
consensus	*****!*****	*****	*****	*****!*****	*****	*****!*****	

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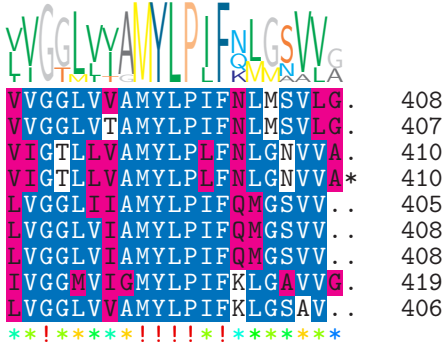
NTDB id 1169 A1552VC RS11075 WP 000648511.1
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NTDB id 1198 PSJM300 03950 AFN76868.1
NTDB id 1016 ACIAD RS01680 WP 004920476.1
NTDB id 1059 ABD1 RS01610 WP 000279215.1
NTDB id 1102004 Q9282 RS15240 WP 011408067.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
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NTDB id 1102004 Q9282 RS15240 WP 011408067.1
NTDB id 1252 GC085 RS07730 WP 011213805.1
consensus



☐ non conserved
☒ similar
☒ ≥ 50% conserved