

NTDB id	Accession	Species	Protein	Sequence	Position
NTDB id 601	KW2 RS02615	WP 021036805.1	MLCQNCNINEA	TI	13
NTDB id 378	SMU RS02690	WP 002263569.1	MLCQNCNINEA	TI	13
NTDB id 241	SP RS04015	WP 000882523.1	MLCQNCNINDS	TI	13
NTDB id 281	KZH43 RS03550	WP 000882517.1	MLCQNCNINDS	TI	13
NTDB id 245	SPD RS03860	WP 000882517.1	MLCQNCNINDS	TI	13
NTDB id 243	SPR RS03635	WP 000882517.1	MLCQNCNINDS	TI	13
NTDB id 23070	BALH RS00525	WP 000971179.1	..MMFGRFTIERAQKVLALSQEEAIRIGHNNIGTEHILLGLVREGEETAAKALIALGLSPEKVQKEVEALIG.....RGTEAS	75	
NTDB id 85	BSU 00860	NP 387967.1	..MMFGRFTIERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEETAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75	
NTDB id 610	V4T04 RS10165	WP 012897346.1	MKFENIKYTPTLDRILEKAEYAHQYQYGTIESAHLAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77	
NTDB id 290	KZH43 RS10025	WP 001109677.1	MNYSKALNECIESAYMVAAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75	
NTDB id 289	SPD RS10700	WP 001109677.1	MNYSKALNECIESAYMVAAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75	
NTDB id 287	SP RS11210	WP 001109712.1	MNYSKALNECIESAYMVAAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75	
NTDB id 377	SMU RS09275	WP 002262344.1	...MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DI	79	
NTDB id 329	STER RS00545	WP 011680614.1	...MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81	
NTDB id 327	STU RS10020	WP 011225298.1	...MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETA AVLAMEKRPKDLSESDI	81	
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NTDB id	601	KW2	RS02615	WP	021036805.1	HLYTSVNGQKKKIDLCQNCYQI...MKSGGGEALFGAGNASNGNSDE.....PFNP.FNDIFSAIGGQ.DFNGAASNQ	81
NTDB id	378	SMU	RS02690	WP	002263569.1	HLYANVNGQQKKIDLCQNCYQI...MKTDPPENGPLNHISQQNSSS.....INPFFDDFFGDLNNFRAFNNQDLPN	80
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NTDB id	281	KZH43	RS03550	WP	000882517.1	HLYTNLNGKQKKIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNLDNNFRPSSN..TPP	77
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NTDB id	243	SPR	RS03635	WP	000882517.1	HLYTNLNGKQKKIDLCQNCYKI...IKTDPNNSLFKGMTDLNNRD.....FDP.FGDFFNLDNNFRPSSN..TPP	77
NTDB id	23070	BALH	RS00525	WP	000971179.1	QTVHYTPRAKKVIELSMDEARKLGHSYVGTEHIILLGLIREGEGVAARVLNNLGVSLNKARQQVLQ..LLGSNE.....	146
NTDB id	85	BSU	O0860	NP	387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGTEHIILLGLIREGEGVAARVLNNLGVSLNKARQQVLQ..LLGSNE.....	146
NTDB id	610	V4T04	RS10165	WP	012897346.1	STLRFSPTAAEEVMTAASFIAIHNNSEAVGTEHLLYALLQVEDGFGLQLKL.....QKINIIVSLKELEKRTGLKVPESKK	153
NTDB id	290	KZH43	RS10025	WP	001109677.1	TELPFSRRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	289	SPD	RS10700	WP	001109677.1	TELPFSRRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	287	SP	RS11210	WP	001109712.1	TELPFSRRRLQVLFDEAEYVASVVHAKVLGTEHVLYAILHDSNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id	377	SMU	RS09275	WP	002262344.1	MILEEQSHALKRTLAEAAAISQVTHAKEVGTEHVLFLAMLNPNLLATRIELVGFHAKDDGESIRLLDLRKVTERYAGFSKEDIKA	164
NTDB id	329	STER	RS00545	WP	011680614.1	DLRAQSAPALEAMLQEAEQIASVTGAVEVGSEHVLMAFLHLKDLMVCRILLEVAGFYQKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id	297	STU	RS10020	WP	011225298.1	DLRAQSAPALEAMLQEAGGIASVTGAVEVGSEHVLMAFLHLKDLMVCRILLEVAGFYQKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
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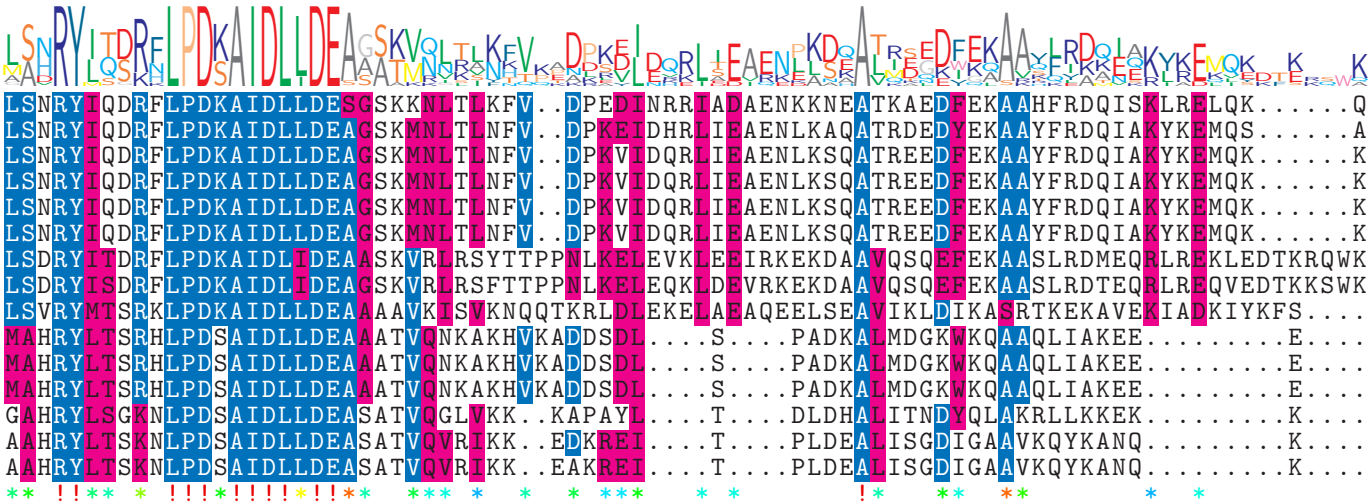
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NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
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NTDB id 601 KW2 RS02615 WP 021036805.1
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NTDB id 377 SMU RS09275 WP 002262344.1
NTDB id 297 STER RS00545 WP 011680614.1
NTDB id 329 STU RS10020 WP 011225298.1
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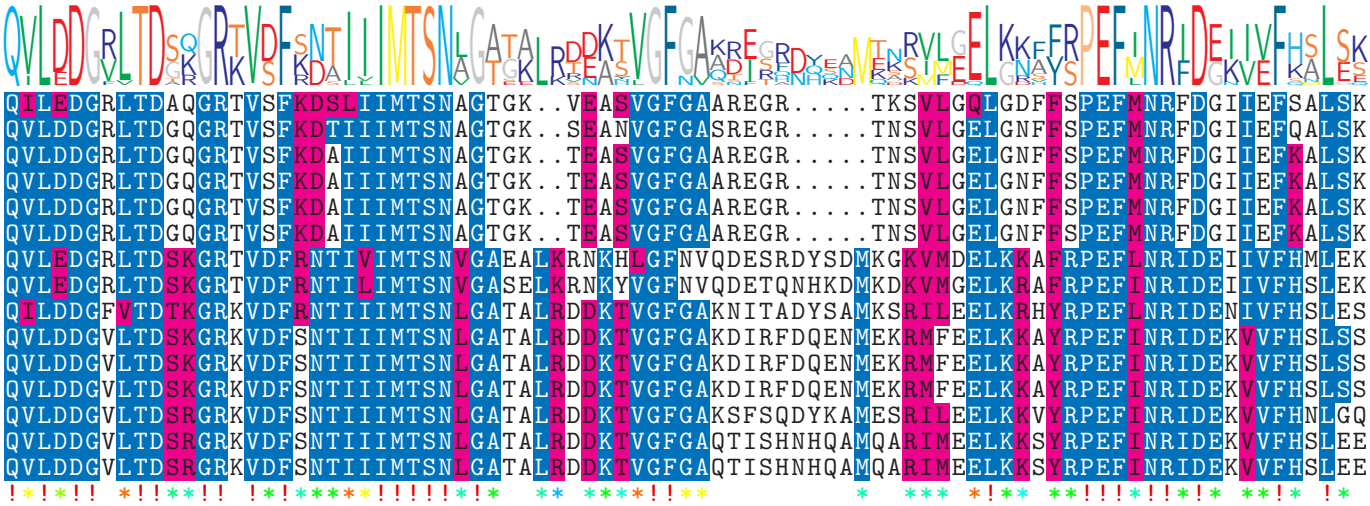
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NTDB id 378	SMU	RS02690	WP 002263569.1	KLDKENTPVITEKN	IEVIVEQKTNP	IPVGE	KEKEQSQL	LHL	ADDLKTRV	IGQDA	AVDKIA	KAIRNRNV	GL	TPNRPIGSFL	FVGP	489						
NTDB id 241	SP	RS04015	WP 000882523.1	KITDQDTPSISEKT	IEHIEQKTNP	IPVGD	LKEKEQSQL	LHL	AEDLKSHV	IGQDD	AVDKIA	KAIRNRNV	GL	TPNRPIGSFL	FVGP	488						
NTDB id 281	KZH43	RS03550	WP 000882517.1	KITDQDTPPISEKT	IEHIEQKTNP	IPVGD	LKEKEQSQL	LHL	AEDLKSHV	IGQDD	AVDKIA	KAIRNRNV	GL	TPNRPIGSFL	FVGP	488						
NTDB id 245	SPD	RS03860	WP 000882517.1	KITDQDTPPISEKT	IEHIEQKTNP	IPVGD	LKEKEQSQL	LHL	AEDLKSHV	IGQDD	AVDKIA	KAIRNRNV	GL	TPNRPIGSFL	FVGP	488						
NTDB id 243	SPR	RS03635	WP 000882517.1	KITDQDTPPISEKT	IEHIEQKTNP	IPVGD	LKEKEQSQL	LHL	AEDLKSHV	IGQDD	AVDKIA	KAIRNRNV	GL	TPNRPIGSFL	FVGP	488						
NTDB id 23070	BALH	RS00525	WP 000971179.1	EQQGKENSEVIV	EDIANV	VSTW	TRIPVSK	LAQT	ETDKL	NL	ESILH	DRVIGQ	DEAV	VAVAKA	VRRARAGL	KDPRKPIGSFI	FLGP	547				
NTDB id 85	BSU	00860	NP 387967.1	EKQGGKENSEVIV	DDIAMV	VSSW	TGVPVSK	LAQT	ETDKL	NL	MENIL	HSRVIGQ	DEAV	VAVAKA	VRRARAGL	KDPRKPIGSFI	FLGP	546				
NTDB id 610	V4T04	RS10165	WP 012897346.1	VKEDKRQEVTDQ	AVAV	ASTLT	GVPT	TQMT	KSESD	RL	INLEKEL	HKRV	VGQEEA	ISAV	SRAIRNRARS	GVADSR	PMGSFM	FLGP	555			
NTDB id 290	KZH43	RS10025	WP 001109677.1	VVPV.YKDLV	TESD	LLTTL	SRLSG	IPVQ	KL	TQTD	AKKY	NLEA	ELHK	RVIGQD	QAVSS	ISRAIRRNQSG	GIRSHKRP	IGSFM	FLGP	550		
NTDB id 289	SPD	RS10700	WP 001109677.1	VVPV.YKDLV	TESD	LLTTL	SRLSG	IPVQ	KL	TQTD	AKKY	NLEA	ELHK	RVIGQD	QAVSS	ISRAIRRNQSG	GIRSHKRP	IGSFM	FLGP	550		
NTDB id 287	SP	RS11210	WP 001109712.1	VVPV.YKDLV	TESD	LLTTL	SRLSG	IPVQ	KL	TQTD	AKKY	NLEA	ELHK	RVIGQD	QAVSS	ISRAIRRNQSG	GIRSHKRP	IGSFM	FLGP	550		
NTDB id 377	SMU	RS09275	WP 002262344.1	P.LLLKKRAE	VKEED	ILATL	SKLSG	IPV	KKLT	TQAD	SKKY	NLER	ELHK	RVIGQD	QAVSS	ISRAIRRNQSG	GIRVGKR	PIGSF	MFLGP	553		
NTDB id 297	STER	RS00545	WP 011680614.1	.AKFPKPA	VDADQ	LMQTL	SRLSG	IPV	EKMT	TQTD	SKRY	NLE	SEL	HKRVIGQ	DEAV	SATIS	RAIRRNQSG	GIR	TGKR	PIGSF	MFLGP	556
NTDB id 329	STU	RS10020	WP 011225298.1	.AKFPKPA	VDADQ	LMQTL	SRLSG	IPV	EKMT	TQTD	SKRY	NLE	SEL	HKRVIGQ	DEAV	SATIS	RAIRRNQSG	GIR	TGKR	PIGSF	MFLGP	556
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NTDB id 601	KW2	RS02615	WP 021036805.1	TGVGKTELAKALA	EVLF	GGDEDS	MLRED	DMSEYMEK	HSXSRL	NGAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML		567		
NTDB id 378	SMU	RS02690	WP 002263569.1	TGVGKTELAKALA	EVLF	GGDEDS	MLRED	DMSEYMEK	HSXSRL	NGAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML		574		
NTDB id 241	SP	RS04015	WP 000882523.1	TGVGKTELSKQLA	IELFG	SEDS	SMIR	DFMSEYMEK	HSAKL	V	GAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML	573		
NTDB id 281	KZH43	RS03550	WP 000882517.1	TGVGKTELSKQLA	IELFG	SEDS	SMIR	DFMSEYMEK	HSAKL	V	GAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML	573		
NTDB id 245	SPD	RS03860	WP 000882517.1	TGVGKTELSKQLA	IELFG	SEDS	SMIR	DFMSEYMEK	HSAKL	V	GAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML	573		
NTDB id 243	SPR	RS03635	WP 000882517.1	TGVGKTELSKQLA	IELFG	SEDS	SMIR	DFMSEYMEK	HSAKL	V	GAPP	GYVGY	DEAG	QLTEKVR	RNPYS	LILL	DETEKAHPD	VFN	ML	573		
NTDB id 23070	BALH	RS00525	WP 000971179.1	TGVGKTELARALA	ESM	FGDE	DAMIR	DMSEYMEK	HST	SRLV	G	SPPGYVGY	DEGG	QLTEKVR	RKPYS	VLL	DETEKAHPD	VFN	ML	632		
NTDB id 85	BSU	00860	NP 387967.1	TGVGKTELARALA	ESM	FGDE	DAMIR	DMSEYMEK	HST	SRLV	G	SPPGYVGY	DEGG	QLTEKVR	RKPYS	VLL	DETEKAHPD	VFN	ML	631		
NTDB id 610	V4T04	RS10165	WP 012897346.1	TGVGKTELAKALAD	SVFG	SEDN	MIRV	DMSEYMEK	HST	SRLV	G	SPPGYVGY	DEGG	QLTEKVR	RNPYS	VLL	DETEKAHPD	VFN	ML	640		
NTDB id 290	KZH43	RS10025	WP 001109677.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	635
NTDB id 289	SPD	RS10700	WP 001109677.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	635
NTDB id 287	SP	RS11210	WP 001109712.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	635
NTDB id 377	SMU	RS09275	WP 002262344.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	638
NTDB id 297	STER	RS00545	WP 011680614.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	641
NTDB id 329	STU	RS10020	WP 011225298.1	TGVGKTELAKALA	EVLF	DD	ESAL	IR	DFMSEYMEK	FAA	SRLN	G	APPGYVGY	DEGG	ELTEKVR	NKPYS	VLL	DFE	TEKAHPD	IFNV	LL	641
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NTDB id	601	KW2	RS02615	WP	021036805.1
NTDB id	378	SMU	RS02690	WP	002263569.1
NTDB id	241	SP	RS04015	WP	000882523.1
NTDB id	281	KZH43	RS03550	WP	000882517.1
NTDB id	245	SPD	RS03860	WP	000882517.1
NTDB id	243	SPR	RS03635	WP	000882517.1
NTDB id	23070	BALH	RS00525	WP	000971179.1
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NTDB id	287	SP	RS11210	WP	001109712.1
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NTDB id	297	STER	RS00545	WP	011680614.1
NTDB id	329	STU	RS10020	WP	011225298.1
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NTDB id	601	KW2	RS02615	WP	021036805.1
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NTDB id	377	SMU	RS09275	WP	002262344.1
NTDB id	297	STER	RS00545	WP	011680614.1
NTDB id	329	STU	RS10020	WP	011225298.1
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NTDB id 601 KW2 RS02615 WP 021036805.1	ISNQTQETAETTDEEVP	748
NTDB id 378 SMU RS02690 WP 002263569.1	VIKASNK.VETVTKATSD.	753
NTDB id 241 SP RS04015 WP 000882523.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 281 KZH43 RS03550 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 245 SPD RS03860 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 243 SPR RS03635 WP 000882517.1	QIKSAKK.AEVKSSEKEK.	752
NTDB id 23070 BALH RS00525 WP 000971179.1	VIHSAEKVK.....	811
NTDB id 85 BSU 00860 NP 387967.1	VVKTTAKTN.....	810
NTDB id 610 V4T04 RS10165 WP 012897346.1	KIAQIV.....	816
NTDB id 290 KZH43 RS10025 WP 001109677.1	KFDIA.....	810
NTDB id 289 SPD RS10700 WP 001109677.1	KFDIA.....	810
NTDB id 287 SP RS11210 WP 001109712.1	KFDIA.....	810
NTDB id 377 SMU RS09275 WP 002262344.1	KFDIV.....	813
NTDB id 297 STER RS00545 WP 011680614.1	TFTVV.....	816
NTDB id 329 STU RS10020 WP 011225298.1	TFTVV.....	816
consensus		



-  non conserved
-  similar
-  ≥ 50% conserved