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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	MRKIIAILIL..ISASISMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDIFISTDMQIPSDQ	78
NTDB id	1257	GCO85	RS04855	WP	163621000.1	MRKIIAILIL..ISASISLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDIFISTDMQIPSDQ	78
NTDB id	1186	GTF74	RS01320	WP	000788426.1		0
NTDB id	1175	A1552VC	RS12105	WP	000788426.1		0
NTDB id	407268	GPY31	RS09500	WP	005488227.1		0
NTDB id	1408	DSB67	RS13980	WP	010643500.1		0
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	MNSGLSRLGIALIAA.MFAPALLAADLEKIDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKG.T	76
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	MKQIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLA..K	77
NTDB id	1039	HON27	RS01460	WP	031993779.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q	77
NTDB id	1052	ABD1	RS15850	WP	001017033.1	MNHVFRQFSMGAVAIAIMQAASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDKAQQGLK..Q	77
consensus						* * * * *	*

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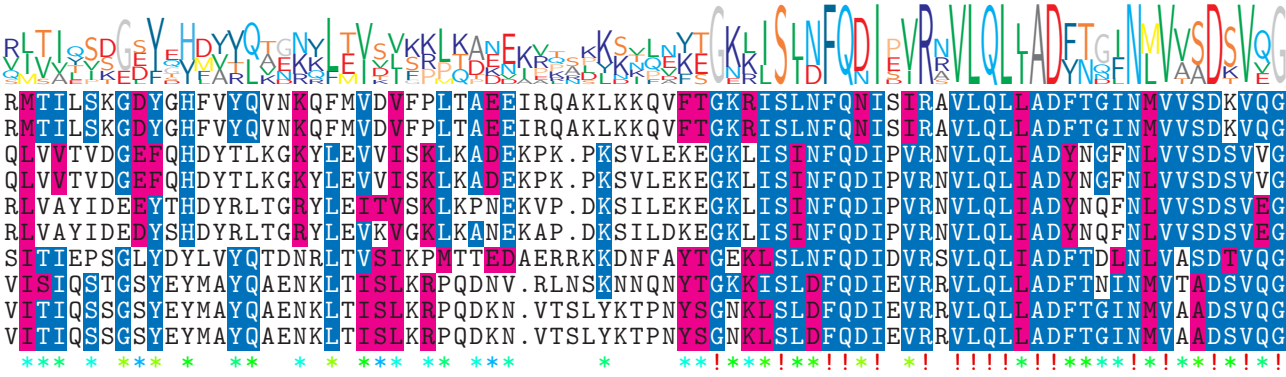
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NTDB	id	1284	ACE17W	RS12370	WP	010946666.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB	id	1257	GC085	RS04855	WP	163621000.1	VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV	225
NTDB	id	1186	GTFT4	RS01320	WP	000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB	id	1175	A1552VC	RS12105	WP	000788426.1	SATANQLENIDFRVNKEKA AVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST	112
NTDB	id	407268	GPY31	RS09500	WP	005488227.1	DVQSNALKSIDFRTNKSKDAVIVVELASPAAVDVKRVQEGLSIDLNTSVKDEQLYLLDVKDFATVVESVEVFRDITSTT	113
NTDB	id	1408	DSB67	RS13980	WP	010643500.1	EVQSNALKSIDFRTNKDKDAVIVVELVSPA AIVDKRVQEGLSIDLNTSVKDDQLYLLDVKDFSTVVESVEVFRDITSTT	113
NTDB	id	1193	PAKAF	RS26665	WP	003161249.1	VPAGRAIRNIDFRQGEKGE GNVVIDLSDPTLSPDIQEQQGGKIRLDFAKTQLPDA LRVRLDVKDFATPVQFVNASAQSDRT	236
NTDB	id	1009	ACIAD	RS15175	WP	004923730.1	PAPQGGIGNIGFQRGAQGEGLVVIDLQGTNTPVVDVQQGSGKVVVRFPGIKIPHTLARRLNTTDFATPVASIDSYNDGSGN	218
NTDB	id	1039	HON27	RS01460	WP	031993779.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSIDAYNDKGVG	217
NTDB	id	1052	ABD1	RS15850	WP	001017033.1	.AQPQGVSNIGFQRGSQGEGLVVVDLLGSNTPVVDVQQGSGKVVIRTIGTKIPHTLARRLNVNDFATPVSIDAYNDKGVG	217
consensus							* ****I*! * **** * !***** * * !***** * * !***** * * !***** * * !***** *	

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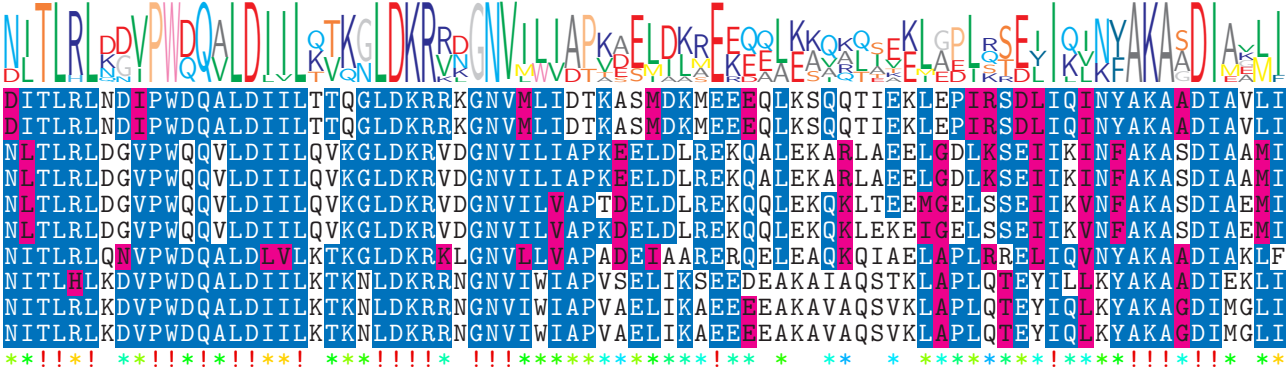
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NTDB id	1257	GC085	RS04855	WP	163621000.1
NTDB id	1186	GTF74	RS01320	WP	000788426.1
NTDB id	1175	A1552VC	RS12105	WP	000788426.1
NTDB id	407268	GPY31	RS09500	WP	005488227.1
NTDB id	1408	DSB67	RS13980	WP	010643500.1
NTDB id	1193	PAKAF	RS26665	WP	003161249.1
NTDB id	1009	ACIAD	RS15175	WP	004923730.1
NTDB id	1039	HON27	RS01460	WP	031993779.1
NTDB id	1052	ABD1	RS15850	WP	001017033.1
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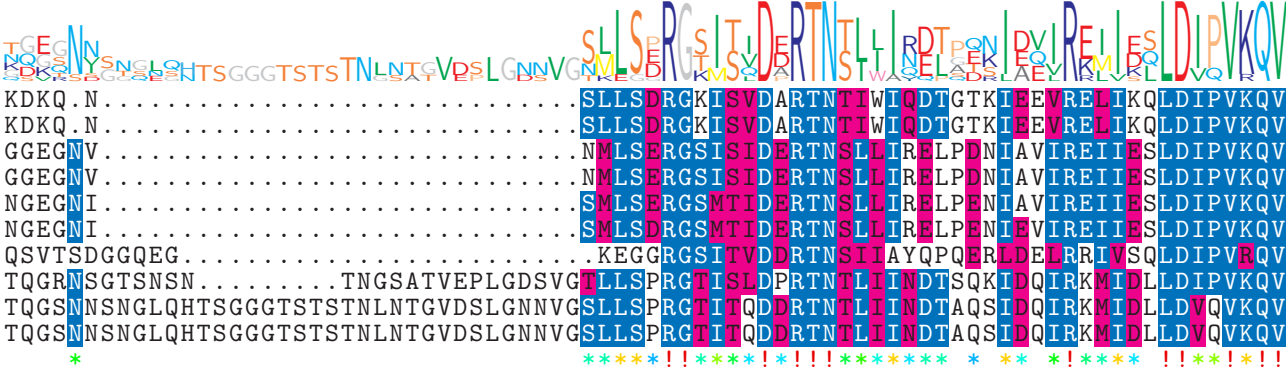
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NTDB id	1257	GC085	RS04855	WP	163621000.1
NTDB id	1186	GTF74	RS01320	WP	000788426.1
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NTDB id	407268	GPY31	RS09500	WP	005488227.1
NTDB id	1408	DSB67	RS13980	WP	010643500.1
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NTDB id	1039	HON27	RS01460	WP	031993779.1
NTDB id	1052	ABD1	RS15850	WP	001017033.1
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1
NTDB id	1257	GC085	RS04855	WP	163621000.1
NTDB id	1186	GTF74	RS01320	WP	000788426.1
NTDB id	1175	A1552VC	RS12105	WP	000788426.1
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NTDB id	1408	DSB67	RS13980	WP	010643500.1
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NTDB id	1009	ACIAD	RS15175	WP	004923730.1
NTDB id	1039	HON27	RS01460	WP	031993779.1
NTDB id	1052	ABD1	RS15850	WP	001017033.1
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....	SGTLEG.....	A.....	NELAR	GTAPANVVP	LERRLNL	DLAA	495	
NTDB id	1257	GC085	RS04855	WP	163621000.1	LIEARIVEVT	KDFSQDIGIRWGVSRP	THL.....	SGTLEG.....	A.....	NELAR	GTAPANVVP	LERRLNL	DLAA	495	
NTDB id	1186	GTF74	RS01320	WP	000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MSHSHSV...	GGSIENLWQKGLLA		DDEFV	DEFLNVN	LAS	384		
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	QIEARIVTV	KEGNLEELGVRWGV	MSHSHSV...	GGSIENLWQKGLLA		DDEFV	DEFLNVN	LAS	384		
NTDB id	407268	GPY31	RS09500	WP	005488227.1	QIEARIVT	ISEGNMDELGT	IRWGFTSINGNNTV...	GGSIENNLATIGLYEG		GGDGE	GEEGGDGVG	IDDFLNVN	LAA	395	
NTDB id	1408	DSB67	RS13980	WP	010643500.1	QIEARIVT	INEGNMDELGT	IRWGFTSINGSHTV...	GGSIENNLATIGLYDG		GGE..	GDDGGSSVG	IDDFLNVN	LAA	393	
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	MIEARIVEAN	VGYDKSLGVRWGGAYHKG	NWSG...YGKDGN	.IGIKDEDDGMNCGPIAG	SCTFPTTGT	SKSPSPFV	DLGA		525		
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	MIEARIVRA	TTSFSKEMGVK	WGIILSQGINQNSNLLV	GGSETTLWNLRNP	...SN....	GTYTI...	ERP	DN	LNV	DLGV	517
NTDB id	1039	HON27	RS01460	WP	031993779.1	MVEARIVRA	STSFTELGVK	WGIILSQGITNNNNLLV	GGSETTLWNLR	REPK...KDETTG	GYKYTI...	ERP	DN	LNV	DLGV	530
NTDB id	1052	ABD1	RS15850	WP	001017033.1	MVEARIVRA	STSFTELGVK	WGIILSQGITNNNNLLV	GGSETTLWNLR	REPK...KDETTG	GYKYTI...	ERP	DN	LNV	DLGV	530
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	APLTG	ATPA	SVGIALAKLNDN	ILLDLELSALE	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572	
NTDB id	1257	GC085	RS04855	WP	163621000.1	VPLTG	ATPA	SVGIALAKLNDN	ILLDLELSALE	SEGRAELISSPRLITTNQQA	AVIESGEEIPYQEATSSGA...	TAVAFK	572	
NTDB id	1186	GTF74	RS01320	WP	000788426.1	T...	SANASSIAFQVAKLGS	SGTLLDLELSALQNES	KAIEIISPRLITTNKQPAY	IEQGT	EIPYLESSSSGA...	STVAFK	458	
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	T...	SANASSIAFQVAKLGS	SGTLLDLELSALQNES	KAIEIISPRLITTNKQPAY	IEQGT	EIPYLESSSSGA...	STVAFK	458	
NTDB id	407268	GPY31	RS09500	WP	005488227.1	T...	NPNAASIAFQVAKLGS	SDTLLDLELSALQNES	KAIEIISPRLITTNKQPAY	IEQGT	EIPYLESSSSGA...	TSVTFK	469	
NTDB id	1408	DSB67	RS13980	WP	010643500.1	T...	SPNAT	SIAFQVAKLGS	SDTLLDLELSALQNES	KAIEIISPRLITTNKQPAY	IEQGT	EIPYLESSSSGA...	TSVTFK	467
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	K...	DA	TSGIGIGFI	.T.DN	ILDLQLSAMEKTGN	GEIVSQPKVVTSDKETAKILKG	SEVPYQEASSGA...	TS	596
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	T...	TTGASSIAFGLISL	.SDF	MLDLELSALQAD	DGYGEVISTPKVMSADKQKAKVATG	VEVPYQSTTNSAAGSTATT	SFK	593	
NTDB id	1039	HON27	RS01460	WP	031993779.1	S...	NP	.AGSIAFGLISM	.SDF	MLDLELSALQAD	DGYGEVISTPKVMTADKQTA	KVATGQVVPYQSTTNSAAGSTATT	SFK	605
NTDB id	1052	ABD1	RS15850	WP	001017033.1	S...	NP	.AGSIAFGLISM	.SDF	MLDLELSALQAD	DGYGEVISTPKVMTADKQTA	KVATGQVVPYQSTTNSAAGSTATT	SFK	605
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NTDB id	1284	ACE17W	RS12370	WP	010946666.1	KAVLSLKVTP	QITPDGKILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEIQTNVLV	NNGTIVLGGIYKQ	DKNKVINRIPF	648
NTDB id	1257	GC085	RS04855	WP	163621000.1	KAVLSLKVTP	QITPDGKILMDLQ	INQDTPSPQT	.FLGVP...	AIITKEIQTNVLV	NNGTIVLGGIYKQ	DKNKVINRIPF	648
NTDB id	1186	GTF74	RS01320	WP	000788426.1	KAVLSLKVTP	QITPDNRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGTQVLV	NNGETTVVLGGIFQHS	INNSVDKVPL	537
NTDB id	1175	A1552VC	RS12105	WP	000788426.1	KAVLSLKVTP	QITPDNRLVLDLS	VTQDRRG	ETV.KTGTGEAVS	IDTQRIGTQVLV	NNGETTVVLGGIFQHS	INNSVDKVPL	537
NTDB id	407268	GPY31	RS09500	WP	005488227.1	KAVLSLKVTP	QITPDNRLVLDLS	VTQDRPGKV	V.KTGTGEAMA	IDTQRIGTQVLV	NNGETTVVLGGIFQHS	ITNSVDKVPL	548
NTDB id	1408	DSB67	RS13980	WP	010643500.1	KAVLSLKVTP	QITPDNRLVLDLS	VTQDRPGQV	V.KTGTGEA	VAIDTQRIGTQVLV	NNGETTVVLGGIFQHS	ITNSVDKVPL	546
NTDB id	1193	PAKAF	RS26665	WP	003161249.1	EAAALSLEV	TPQITPDNRI	IVEVKVTKDAPDY	QNMLNGVP...	PINKNEVNAKILV	NDGETIVIGGVFS	NEQSKSVEKVPF	673
NTDB id	1009	ACIAD	RS15175	WP	004923730.1	EALLSLEV	TPNITPDGKIL	MELNIANDSINS	.YAQNGEA...	ILNKNTINTNV	LVNNGETTVVLGGVFEQ	TTNNAVTKVPF	669
NTDB id	1039	HON27	RS01460	WP	031993779.1	DALLSLN	VTPSITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNNINTNV	LVNNGETTVILGGVFEQ	TTMNSQTKVPF	681
NTDB id	1052	ABD1	RS15850	WP	001017033.1	DALLSLN	VTPSITPDGKI	QMKLDISKDSV	AG.AAPNGEL...	ILNKNNINTNV	LVNNGETTVILGGVFEQ	TTMNSQTKVPF	681
consensus						*****	*****	*****	*****	*	*	*****	*****

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X non conserved
X similar
X ≥ 50% conserved