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NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 668378 MOW12 RS01705 WP 005181778.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVDPDPSAALLL	240
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NTDB id 668378 MOW12 RS01705 WP 005181778.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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NTDB id 1293 VP RS12240 WP 005479695.1		0
NTDB id 1401 DSB67 RS12665 WP 010643259.1		0
NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 668378 MQW12 RS01705 WP 005181778.1		0
NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

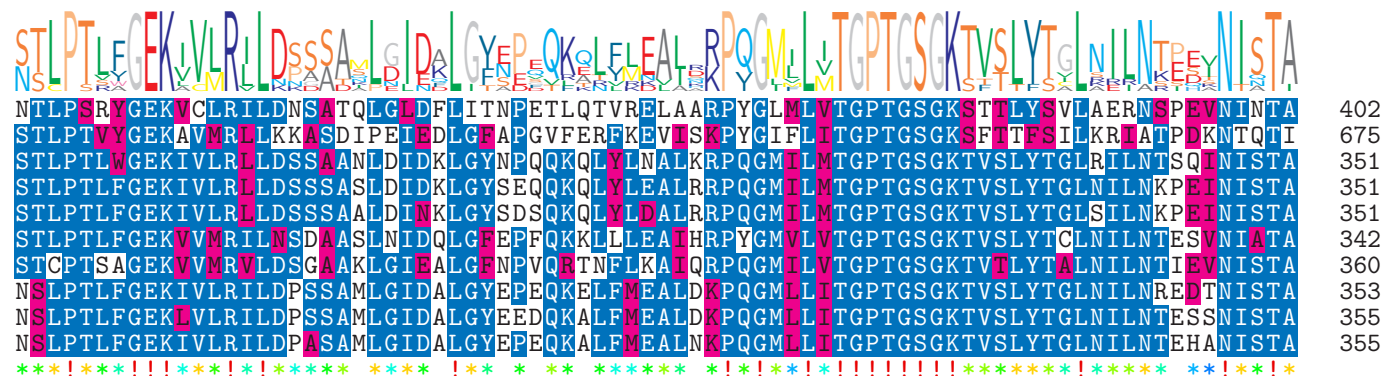
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NTDB id 1028	TT RS08215 WP 011173991.1	KEAEVQKGLPFAKPL	GETLVELGLARPED	VEEALQKQRRGG	GRLEDTLVQ..SGKL	LRPEALAAQ	VATQLGY	391	
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNL	VALLRQAELISAT	QEQA	VVTQVSASGTSV	PEALLE..LSIFHAQELTEQ	LSHIFGL	60	
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNL	STILRQKGLTFS	QEE	SLIEQVKASGISM	PEALLS..SGFFTSSELAEH	LSSTIFGLS	60	
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNL	STVL	RQAGILTF	QEE	SLIEQVKASGISMPEALLS	SGFFQSHELTEH	60	
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSV	GLLR	LVQNQVVTVE	QAEHY	NESQAGKEVLPMLFS	DGVISP	59	
NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MALATEEY	RLQGT	QLLVLEKLLDKTKA	IELHKLAAAEKI	SLLQYIVK..NKILSAEQ	IALT	68	
NTDB id 668378	MQW12 RS01705 WP 005181778.1	...MSV	QQAMP	RFTG	FIRRLVEEGLVTAEN	MQQAIVAAAKKAETD	IVPYLIQ..QLQISPLT	IAEK	68
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSALHT	SPKFTG	FFRRLVEEKHVS	AATMQTALDAAK	RAKQDTVAYLIE..EVHLSPSL	LAET	68	
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAFT	TPPK	KFSG	FIRRLVEEGYVNAQNM	QQALEKAKKFKQD	IVPYLID..NFSISPLT	IAEI	68
consensus		*	*****	!*****	*****	*****	*****	*****	

NTDB	id	1410	SGL	RS13950	WP	010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPSPSVLAVMVPDPNLAQAQDELNRILRVKGF..ELRRLVVT	164
NTDB	id	1028	TT	RS08215	WP	011173991.1	YVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRL...GNRLVLMLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT	463
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	ETDLSRDYDA.....NLCCQLGLRELI TRYDALPTAKQ...GNLILLAVSDPTLLQAEEEFRAFATG.....LQVELALAD	127
NTDB	id	1293	VP	RS12240	WP	005479695.1	QPELSQYEYA.....SLCQQLGLRELITRHNA LPHRT...PSTLLAVADPTNQAEEDFRFATG.....LQVELVLAD	127
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NTDB	id	1110	NGFG	RS09235	WP	003689817.1	ILDLRHYPRH.....RVLMTGVLT EEQMVEFHCVPVFRR...GDKVFFAVSDPTQMPQIQKTVS AAG.....I AVELVIVE	126
NTDB	id	1251	GCO85	RS07725	WP	011946523.1	MLDINCIDVG.....TIPVNLVNEKL IKRHAMVPLFSR...GTNLYLATDDPSKQASLK EIQFHTG.....LNTHAIVE	135
NTDB	id	668378	MDW12	RS01705	WP	005181778.1	IFDLAVYDSR....LIVREGLEDEKLF TKYRI LP IFR...HNQLYTATS NPTNIEAIDAIRFN SK.....LNIEVVIVE	135
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	YFDLDVYDT S.....QLPKDLVDQKLILKHRI LPLIQR...GQILYVATSNPSNIEAIDAIRFN SK.....LLVEPVIVE	135
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	LLEDLGVEDPA.....LFLKDKELEKLI QKYRI MPLVHR...GHVLYVATSNPSNIEAMD AIRFN SK.....LKVEPIIVE	135
consensus							* * * * *	

NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



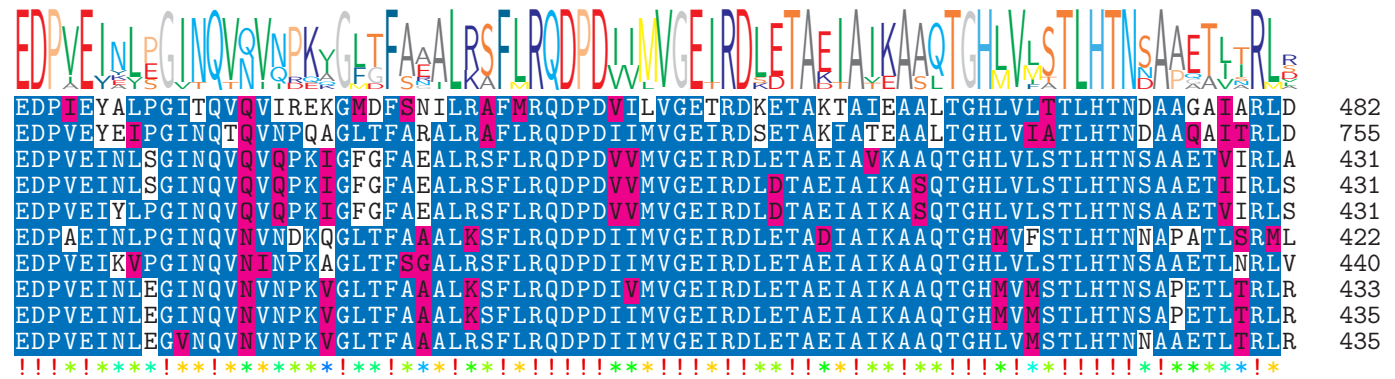
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consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1
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consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus



NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
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consensus



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NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved