

logo

NTDB id 413 AAK55817.1 141..845()	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	MKEILKTLTEAMTLPEDSYSEQDAEFLEIFIEEIEEIFVDLQPLINKWMQSENIATLTEIRRHFTLKGSGRMIGAKSSA	80
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1	.....	0
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	0
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQQSLEPALEEELLQLS	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	ELAWTVEDTLNLRVINQSLQLTPTIQSYVQLVFKFYFLKLVDNFKQKRAHTLDFRPLILLGQQLQQQQSLEPALEEELLQLS	160
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HTLMAETVTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	0
NTDB id 374 SMU RS06885 WP 002262930.1		0
NTDB id 1419 SGL RS12550 WP 010873252.1		0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HTLMAETVTGTGLELDYIEQDSLAEPIIQATHTEIEINLDETTLTFMEEAEEHLATIHQFLDQELHQYDSYNALIRALHTLR	240
NTDB id 1047 HON27 RS03110 WP 000389061.1		0
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		0
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consensus		

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NTDB id 413 AAK55817.1 141..845()	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	GSSAMAQVETIFEASTKVEHLFKILLQEELSSHSEEILLQYREFVRDSLELLSRYSSSEQLLEARLLQFNQSWDAYVEQ	320
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	0
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	HGDRTDPLMP SHGLV S QLLQLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQH THSQAM LGLHEYTSQLKESYEV	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	0
NTDB id 1046 HON27 RS03130 WP 168726941.1	HGDRTDPLMP SHGLV S QLLQLDVSELLDAELDFEKGIRNEFPDYLERLSEQADLLLQH THSQAM LGLHEYTSQLKESYEV	400
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NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDI SNDLPQQDSTSFEPIYNI ^{MTS} EP	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	.....	3
NTDB id 1046 HON27 RS03130 WP 168726941.1	LLDKPALLQSDYIFEIYQKAHQQLIQLFDALAAGQRVGVVKQHQSI L EELKLYTQYTPDISNDLPQQDSTSFEPIYNI ^{EP}	480
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NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	EPN ^{EPN} EWATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGTAGAFETFE ^{PRDR} EE ^{EN} ER ^{AL} TS ^{LY}	0
NTDB id 374 SMU RS06885 WP 002262930.1	.....	0
NTDB id 1419 SGL RS12550 WP 010873252.1	DPN.....PAQAFENWFEEEEEGDDAFTSLI	28
NTDB id 1046 HON27 RS03130 WP 168726941.1	EPEVVATVENFSDSADWAVLGQSVQQDRQYISSTQVNRNFDADLLDIFLEEAEELLEGTDLNIWVGEQENFAALNNLM	560
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NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		0
NTDB id 1417 SGL RS04200 WP 014407071.1		0
consensus		

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NTDB id 413 AAK55817.1 141..845()	RYL ^{RYL} EH TLKGGANMVQATYLGLIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	0
NTDB id 374 SMU RS06885 WP 002262930.1		0
NTDB id 1419 SGL RS12550 WP 010873252.1	AGE.....	31
NTDB id 1046 HON27 RS03130 WP 168726941.1	RYLHTLKGGANMVQATYLGLIAHELES IYERLIQKQLVVTSDLIDFIRLVQDDLADRLQIMREQQLDYAAPYTINALKRA	640
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consensus		

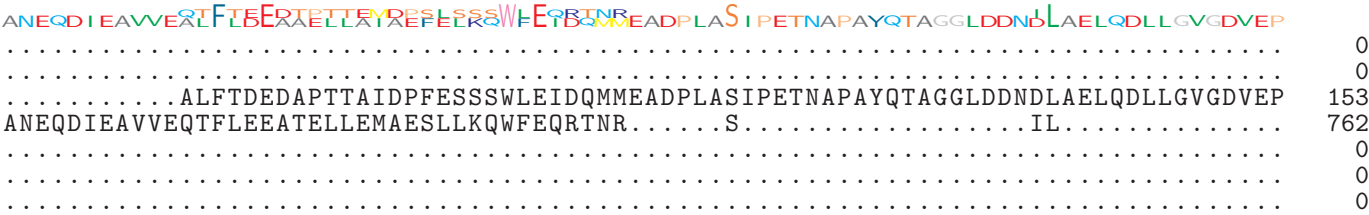
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NTDB id 1417 SGL RS04200 WP 014407071.1
consensus



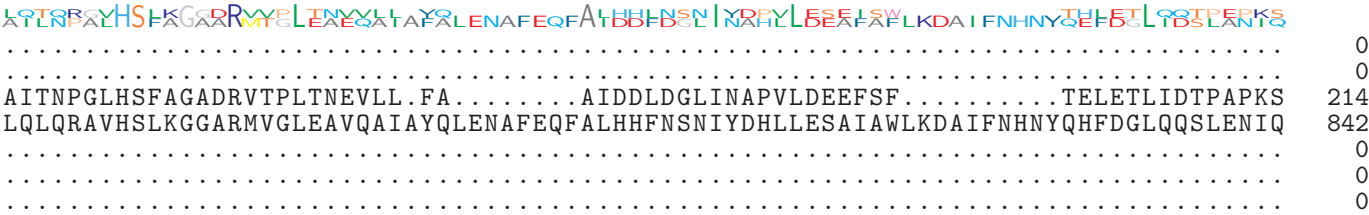
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consensus



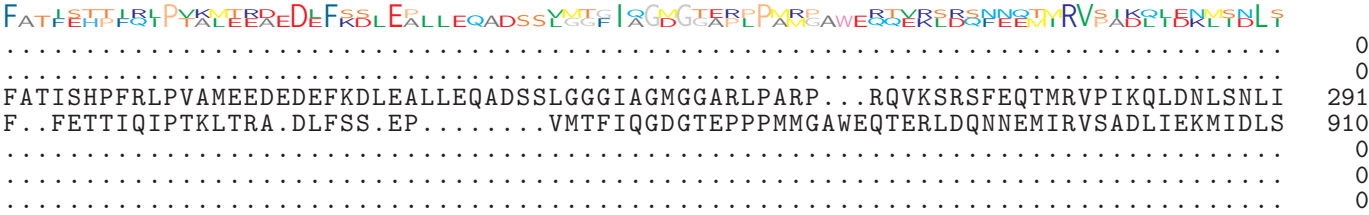
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consensus



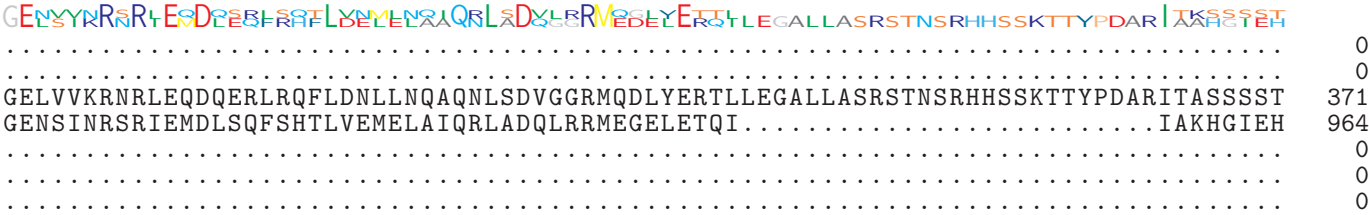
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consensus



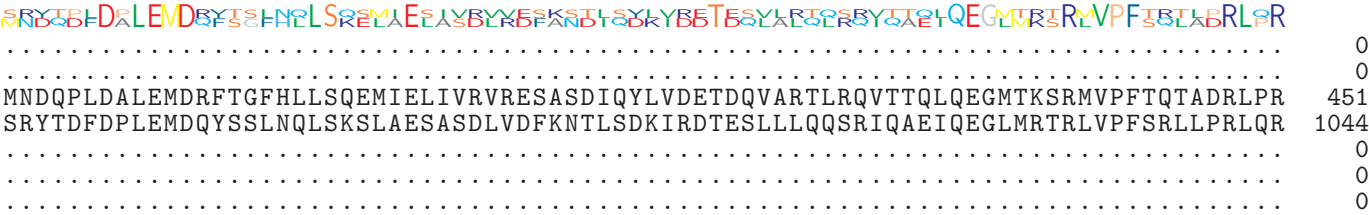
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consensus



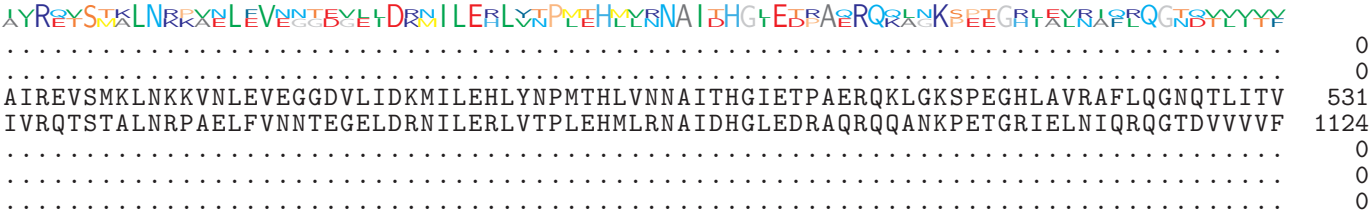
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consensus



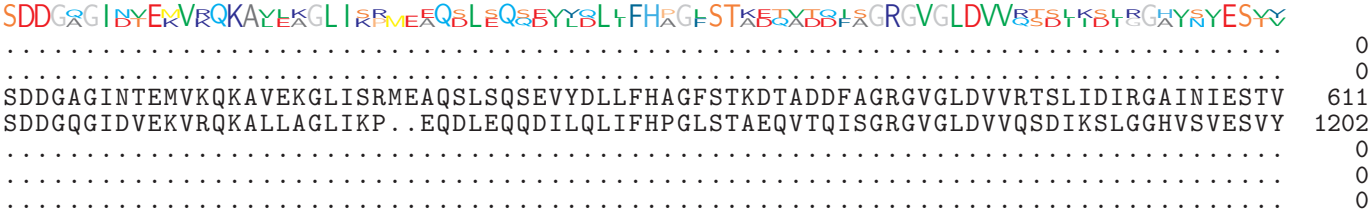
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consensus



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NTDB id 374 SMU RS06885 WP 002262930.1
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consensus



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NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
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NTDB id 1417 SGL RS04200 WP 014407071.1
consensus
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GKGTTFITIRLPLTLSICKALCCLSDRARIAPMDGVEDTRDYLPKDIVTD.EDGQKCVKYGKEALLLPLYPLKDLLNYNR	690
GQGTTFITIRVPTTVAVSDALMVKVADQQFAIPLAQIDRIIRVSPASLEQYFESPQELFEYEN.....KRYPLRYLSEFVG	1277
.....	0
.....	0
.....	0

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NTDB id 413 AAK55817.1 141..845( )
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NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1
NTDB id 1417 SGL RS04200 WP 014407071.1
consensus
```

NESPRERLYNGckkQEEEDSLFVIMARANNSGRTYALRYDQYLGEFEQLVKPIEGPFSSPPEA|AGATYRGDCSYMEIADVENETL		0
.	.	0
QLSRGSVYGKQEEDVVVRVIIARGSSGNLLALQIDQVLGEEE.IVIKQIEGPIP KPPGIAGATVRGDGSIMPIADVLELI		769
NQPIPLRLNG..VMYSLPVLMIKANNGQTVALLDVQLIGSRAQIVVKPIGGQQFFSSIGA I AGATI LGDGQVCLILDGQNIA		1354
.	.	0
.	.	0
.	.	0

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NTDB id 413 AAK55817.1 141..845( )
NTDB id 374 SMU RS06885 WP 002262930.1
NTDB id 1419 SGL RS12550 WP 010873252.1
NTDB id 1046 HON27 RS03130 WP 168726941.1
NTDB id 1047 HON27 RS03110 WP 000389061.1
NTDB id 54775 QSCIL6304 RS06040 WP 015147588.1
NTDB id 1417 SGL RSO4200 WP 014407071.1
consensus

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[illegible]

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NTDB id 1417 SGL RS04200 WP 014407071.1
consensus
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[illegible]

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NTDB id 413 AAK55817.1 141..845()	Q.EADSKPQ.PIQIGDLEIVPDAYVAKKYGEELDLTHREFELLYHLASHTGQVITREHLLLETVWGYDYFG.....	194
NTDB id 374 SMU RS06885 WP 002262930.1	AEENASGIP.EIIIGDLQILPDAFVAKKRGTEVELTHREFELLHHLATHTGQVMTREHLLLETVWGYDYFG.....	195
NTDB id 1419 SGL RS12550 WP 010873252.1	RKTNSILSRFKKARGNFSEEAPTIVRSNPGTL.....R.....STVLIIDDSVMVREMLSMTFKKADYHTETARDGQDAW	998
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		120
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

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NTDB id 413 AAK55817.1 141..845()	DVRTVDVTV.....RRLREKIEDTPSR...PEYILT.....RRGVGYMRNNA*.....	234
NTDB id 374 SMU RS06885 WP 002262930.1	DVRTVDVTV.....RRLREKIEDTPSR...PEYILT.....RRGVGYMKSYD.....	235
NTDB id 1419 SGL RS12550 WP 010873252.1	EKLKSGLPCLDLILCDIEMPRMNGLELLERIQEDPNLSRIPVAMITSRGAQKMQRMAAEKGAKGYFVKPYIEETLLEASQR	1078
NTDB id 1046 HON27 RS03130 WP 168726941.1		1506
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NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1		120
NTDB id 1417 SGL RS04200 WP 014407071.1		121
consensus		

logo

NTDB id 413 AAK55817.1 141..845()	LIRGEVLLDLAALSAD	234
NTDB id 374 SMU RS06885 WP 002262930.1	.....	235
NTDB id 1419 SGL RS12550 WP 010873252.1	LIRGEVLLDLAALSAD	1095
NTDB id 1046 HON27 RS03130 WP 168726941.1	.....	1506
NTDB id 1047 HON27 RS03110 WP 000389061.1	.....	127
NTDB id 54775 OSCIL6304 RS06040 WP 015147588.1	.....	120
NTDB id 1417 SGL RS04200 WP 014407071.1	.....	121
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved