

(a)

R9LP70	LSDKAAAFPLTVERKQQYLETTGINDRLIMLLQDFEKEKEMSEVEKKINDTVKERIDQG
A0A418MLU7	LADAIAAQLPLKIKEKQEILESFNVSERLDRVLSSLADEREVLELEKEIHQRVRKQMEKT
LON_ECOLI	LADTIAAHMPLKLABKQSVLEMSDVNERLEYLMAMMESEIDLLQVEKRIRNRVKKQMEKS
	: ** :**.: **.*.** :: :.* ::::** *.:*.:::
R9LP70	QKDYYLREKIHAIREEELGDIVETDKDAESIRKRLAEEPYPEYIKDKVKEELMRYEMLPQA
A0A418MLU7	QKEYYLREQMKAIQRELGDKEGRQGEIDELRDKMANLQLPELVAMRVDKEINRLERIPIS
LON_ECOLI	QREYYLNEQMKAIQKELGEMDDAPDENEALKRKIDAAKMPKEAKEKAEALQKLKMMSPM
	*.:***.*:::***.***: : :.:. : * : ... *: . : .:
R9LP70	NGESGVIKTYIDWLMDLPWWQTTKDNELESAQNILDEDHYGLAKVKERIMEYLA VKQMT
A0A418MLU7	SAEGTVARTFIDWLLDLPWTAKSVSIIDLGRAQRVLDAAHHYGLEKVKDRIIDYLAVQKLT
LON_ECOLI	SAEATVVRGYIDWMVQVPWNARSKVKKDLRQAQEILDTDHYGLERVKDRILEYLA VQSRV
	..*.*.:***:::***: ** ** :** *****.***:***:*****:..

(b)

