

Understanding the Impact of Temperate Bacteriophages on Their Lysogens Through Transcriptomics

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Citation

Krishnamurthi, R., González-Tortuero, E., Plahe, G., Goodhead, I.B., Fothergill, J.L., James, C.E., Allison, H.E. Understanding the Impact of Temperate Bacteriophages on Their Lysogens Through Transcriptomics. *J. Vis. Exp.* (2023), e64945, doi:10.3791/64945 (2024).

Date Published

January 5, 2024

DOI

10.3791/64945

URL

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Materials

Name	Company	Catalog Number	Comments
PAO1		6	
LESB58		6	
LES phages	Induced and purified from LESB58 using Norfloxacin.	This study	
Lysogeny Broth (LB)	Merck	1.10285.500	
LB Agar	Merck	1.10283.500	
Agar Agar	Fisher	A/1080/53	
Top Agar	0.4 g Agar Agar+2.5 g LB Broth in 100 mL water; autoclave and use.	-	
Rifampicin	Sigma (Stock: 50 mg/mL in Methanol- Mix well and use 0.22µm filter to sterilize and store it in -20°C until use)	R3501	
Glacial Acetic Acid	Fisher 1% (v/v) in water	10060000	
Norfloxacin	Sigma (Stock: 25 mg/mL of 1% Glacial Acetic Acid-Mix well and use 0.22µm filter to sterilize and store it in -20°C until use;To avoid freeze thaw cycles, store as small aliquotes)	N9890	
Phenol saturated with citrate buffer pH 4.3	Sigma	P-4682	
Molecular Biology grade Ethanol	Fisher	16695992	
TRIzol	Invitrogen	12044977	
Chloroform	Fisher	11398187	
Isopropanol	Fisher	17150576	
Nuclease-free H2O	Invitrogen	10526945	
10X TURBO DNase	Ambion	AM1907	
Qubit RNA HS, BR Kit	Invitrogen	Q10210	
Agilent RNA 6000 Nano Kit	Agilent	5067-1511	

SuperScriptIII first strand synthesis kit	Invitrogen	18080051	
PCR Reagents	Bioline Mytaq Red 2X	BIO-25043	
qPCR Reagents	Sensifast SYBR Hi Rox	BIO-92020	
PCR purification kit	Isolate II PCR and Gel Kit	BIO-52060	
TA cloning kit	TA Cloning Kit, with pCR 2.1 Vector, without competent cells	K202040	
StepOne Real Time PCR system	Thermo Fisher Scientific	4376600	