

Materials List for:

# CRISPR-mediated Genome Editing of the Human Fungal Pathogen *Candida albicans*

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URL: <https://www.jove.com/video/58764>

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## Materials

Name	Company	Catalog Number	Comments
<b>Chemicals</b>			
Agar	BD Bacto	214010	
agarose	amresco	0710-500G	
Ampicillin	Sigma-Aldrich	A9518	
Bacto Peptone	BD Bacto	211677	
Bsmb1	New England Biolabs	R0580L	
Calf intestinal phosphatase (CIP)	New England Biolabs	M0290L	
Cut Smart Buffer	New England Biolabs	B7204S	
Dimethyl Sulfoxide (DMSO)	Sigma-Aldrich	D8418	
dNTPs	New England Biolabs	N0447L	
Ethylenediaminetetraacetic acid (EDTA)	Sigma-Aldrich	3609	
Glacial Acetic Acid	Sigma-Aldrich	2810000ACS	
Glucose	BDH VWR analytical	BDH9230	
Glycerol	Sigma-Aldrich	49767	
Kpn1	New England Biolabs	R3142L	
LB-Medium	MP	3002-032	
Lithium Acetate	Sigma-Aldrich	517992	
L-Tryptophan	Sigma-Aldrich	T0254	
Maltose	Sigma-Aldrich	M5885	
Molecular Biology Water	Sigma-Aldrich	W4502	
NEB3.1 Buffer	New England Biolabs	B7203S	
Nourseothricin	Werner Bioagents	74667	
Poly(ethylene glycol) PEG 3350	Sigma-Aldrich	P4338	
Sac1	New England Biolabs	R3156L	
Salmon Sperm DNA	Invitrogen	AM9680	
T4 Polynucleotide kinase	New England Biolabs	M0201S	
T4 DNA ligase	New England Biolabs	M0202L	
Taq polymerase	New England Biolabs	M0267X	
Tris HCl	Sigma-Aldrich	T3253	
uridine	Sigma-Aldrich	U3750	
Yeast Extract	BD Bacto	212750	

<b>Equipment</b>			
Electrophoresis Appartus			
Incubator			
Microcentifuge			
PCR machine			
Replica Plating Apparatus			
Rollerdrum or shaker			
Spectrophotometer			
Waterbath			