

Materials List for:

# A *Galleria mellonella* Oral Administration Model to Study Commensal-Induced Innate Immune Responses

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URL: <https://www.jove.com/video/59270>

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## Materials

Name	Company	Catalog Number	Comments
1.5 mL tubes	Eppendorf	0030120086	
100 bp DNA ladder	Thermo Fisher Scientific	15628019	
1-Bromo-3-Chloropropane (BCP)	Sigma-Aldrich	B9673	
2 mL tubes	Eppendorf	0030120094	
2x Mangomix	Bioline	BIO-25033	Colony PCR
50 mL tubes	Greiner Bio-One	210 261	
Agarose	Biozym	840004	
Beeswax	Mixed-Store.de	-	
Brain heart infusion broth	Thermo Fisher Scientific	CM1135	
CloneJET PCR Cloning Kit	Thermo Fisher Scientific	K1232	Cloning vector for 16S fragments
Corn grits	Ostermühle Naturkost GmbH	306	Organic cultivation
Difco LB Agar, Miller (Luria-Bertani)	Becton Dickinson	BD	
Difoco LB Broth, Miller (Luria-Bertani)	Becton Dickinson	244610	
DNA-free DNA Removal Kit	Thermo Fisher Scientific	244510	Dnase digestion
Dried yeast	Rapunzel	-	Organic cultivation
Dulbecco's Phosphate-Buffered Saline (DPBS)	Thermo Fisher Scientific	14040	
Ethanol	VWR	20821.330	
Glycerol	Sigma-Aldrich	W252506	
Honey	Ostermühle Naturkost GmbH	487	
Isopropanol	VWR	20842.330	
Lightcycler 480 Instrument II	Roche Molecular Systems	5015278001	
LightCycler 480 Multiwell Plate 96, white	Roche Molecular Systems	4729692001	
Manual Microsyringe Pump with Digital Display	World Precision Instruments	DMP	
Micro-Fine+ U-100 insulin syringe 0.3 x 8 mm	Becton Dickinson	324826	Oral administration
Mortar, unglazed	VWR	410-9327	
Nanodrop	Thermo Fisher Scientific	13-400-518	
Nuclease-free water	Thermo Fisher Scientific	10977035	
Oxoid AnaeroGen sachets	Thermo Fisher Scientific	AN0025A	Quality and quantity of RNA
PCR stripes	Biozym	710970	
Pestle, unglazed grinding surface	VWR	410-9324	

Phusion proof-reading enzyme	Thermo Fisher Scientific	F553S	
Primers	Biomers	-	
PureYield Plasmid Miniprep System	Promega	A1222	
QuantiFast SYBR Green PCR kit	Qiagen	204056	qPCR for bacterial copy number measurement
QuantiFast SYBR Green RT-PCR Kit	Qiagen	204156	qRT-PCR for gene expression measurements
QuantiTect Reverse Transcription Kit	Qiagen	205311	cDNA synthesis
Qubit Assay Tubes	Thermo Fisher Scientific	Q32856	
Qubit dsHS DNA kit	Thermo Fisher Scientific	Q32851	Quantification of plasmid and cDNA samples
Qubit fluorometer	Thermo Fisher Scientific	Q33226	Quantification of plasmid and cDNA samples
RNase-ExitusPlus	AppliChem	A7153	
Rnasin Ribonuclease Inhibitor	Promega	N2511	
Skimmed milk powder	Sucofin	-	
SYBR safe DNA Gel Stain	Thermo Fisher Scientific	S33102	
TRI reagent	Sigma-Aldrich	T9424	
Weighing boat	VWR	10803-148	
Wheat meal	Ostermühle Naturkost GmbH	6462	Organic cultivation