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Materials List for

Investigating Interactions Between Histone Modifying Enzymes and Transcription Factors *in vivo* by Fluorescence Resonance Energy Transfer

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Materials

Name	Company	Catalog Number	Comments
Acetosyringone (3′,5′-Dimethoxy-4′-hydroxyacetophenone)	Sigma-Aldrich	#D134406-1G	
Bacto Agar	BD Biosciences	#214010	
Bacto trypton	BD Biosciences	#211705	
Bacto yeast extract	BD Biosciences	#212750	
Confocal laser scanning microscope (CLSM)	Zeiss	LSM900	Any CLSM with similar capabilities is suitable
EHA105	VWR	104013-310	We use the stock in the Citovsky bacterial lab stock collection
Gateway BP Clonase II	Invitrogen	#11789100	
Gateway LR Clonase II	Invitrogen	#11791020	
GV3101	VWR	104013-296	We use the stock in the Citovsky bacterial lab stock collection
ImageJ			https://imagej.nih.gov/ij/download.html
MES	Sigma-Aldrich	#69889-10G	
$MgCl_2$	Sigma-Aldrich	#63068-250G	
NaCl	Sigma-Aldrich	#S5886-500G	
Nicotiana benthamiana seeds	Herbalistics Pty	RA4 or LAB	We use the stock in the Citovsky seed lab stock collection
pDONR207	Invitrogen	#12213013	
pPZP-RCS2A-DEST-EGFP-N1	N/A		Refs. 15, 28
pPZP-RCS2A-DEST-mRFP-C1	N/A		Generated based on the pPZP-RCS2A-DEST-EGFP-C1 construct (see refs. 15, 28)
pPZP-RCS2A-DEST-mRFP-N1	N/A		Generated based on the pPZP-RCS2A-DEST-EGFP-N1 construct
Rifampicin	Sigma-Aldrich	#R7382-5G	
Spectinomycin	Sigma-Aldrich	#S4014-5G	

Syringes without needles	BD	309659	
Zen software for CLSM imaging	Zeiss	ZEN 3.0 version	The software should be compatible with the CLSM used