

Materials List for:

# Rapid Identification of Chemical Genetic Interactions in *Saccharomyces cerevisiae*

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## Materials

Name	Company	Catalog Number	Comments
Yeast Extract	BioBasic	G0961	For YEPD liquid/solid media add to 1% final concentration (w/v)
Tryptone Powder	BD Biosciences	211820	For YEPD liquid/solid media add to 2% final concentration (w/v)
Dextrose	Anachemia	31096-380	For YEPD liquid/solid media add to 2% final concentration (w/v) — do not autoclave. Prepare 20% stock solution, filter sterilize, and add to media after autoclaving.
Agar A	Bio Basic	FB0010	For YEPD solid media add to 2% final concentration (w/v)
G418	A.G. Scientific Inc.	G-1033	Prepare 1,000x stock at 200 mg/ml in dH <sub>2</sub> O and filter sterilize.
12-well plate	Greiner Bio One	655180	
5 ml culture tubes	Evergreen Scientific	222-2376-080	
10 cm Petri Dish	VWR	25384-302	
ROTOR HDA	Singer Instruments	ROT-001	high-throughput microbial array pinning robot
PLUSPLATE© Petri Dish	Singer Instruments	PLU-001	Box of 200 dishes
384 Short-Pin RePad	Singer Instruments	RP-MP-384	Box of 1,000 pads
1536 Short-Pin RePad	Singer Instruments	RP-MP-1536	Box of 1,000 pads
Alternative Pinning Tools:			
Fully Automated Robotic Systems	S&P robotics	<a href="http://www.sprobotics.com">http://www.sprobotics.com</a>	Several automated colony handling robotic and imaging systems available.
Manual Pinning Tools	V&P Scientific	<a href="http://www.vp-scientific.com">http://www.vp-scientific.com</a>	Handheld replication tools and accessories.