Preparation of -80˚C Stock Cell Collection

2005-1116

Put the cell data in the collection file
Search collection file in Noguchi Lab > Lab Collection folder.
Put your cell's data in the file.

Preparation of stock cells

	S. pombe	*S. cerevisiae*	*E. coli*
1) Grow cells with this condition.	on YES plate	on YPDA plate	in LB (liquid)
2) Make stock solution with this condition.	YES + 20% Glycerol	YPDA + 15% Glycerol	LB + 15% Glycerol *No need to make.
3) Label a Nalgene Cryogenic Vial.	Write like this on the side of a vial. Y1642; h+ 25˚C Sap1-48-FL:Kr Swi1-GFP:Kr #I:14 11.7.05 Put scotch tape on top of it. Write "Y1642" on the lid. Put a round sticker with label "Y1642" on top of the lid. Push the sticker in deep.	Follow left.	Follow left.
4) Make the stock cells in the vial.	Take 1.2 ml of Stock Solution into a vial. Collect cells from plate by toothpick/loop. Suspend in the Stock Solution. Vortex well. Place it in -80˚C.	Take 1.2 ml of Stock Solution into a vial. Collect cells from plate by toothpick/loop. Suspend in the Stock Solution. Vortex well. Place it in -80˚C.	Take 100 µl of 60% Glycerol into a vial. Vortex cell culture, and take 300 µl into the vial. Vortex well. Place it in -80˚C.