UB Next-Generation Sequencing and Expression Analysis Core
Bacterial Pellet Preparation Protocol

PROTOCOL

1. Grow 100 ml of bacterial culture (in LB or appropriate media) to stationary phase.

2. Divide the culture into 3 x 33 ml aliquots and store in 50 ml conical tubes (for example Falcon tubes #2098).

3. Pellet the 50 ml conical tubes by centrifugation at 3000-5000 x g for 5-10 minutes. Discard the supernatant, ensuring that all liquid is completely removed.

4. Store pellets at -80°C until ready to be shipped.

5. Ship pellets overnight on dry ice to the UB Next Generation Sequencing and Expression Analysis Core Facility. Please contact us by email at cbi-ubnextgencore@buffalo.edu or by phone at (716) 881-7514 before shipping the samples to make sure that a lab member will be available to receive the package.

Shipping Information:

ATTN: UB Next-Generation Sequencing and Expression Analysis Core (B3-123)
State University of New York at Buffalo
New York State Center of Excellence in Bioinformatics and Life Sciences
701 Ellicott Street
Buffalo, NY 14203

ADDITIONAL INSTRUCTIONS

A) Any contamination in the starting material will be directly reflected in the data. It is the researcher's responsibility to ensure that all bacterial pellets provided to the UB Next-Gen Sequencing and Expression Analysis Core for genomic DNA extraction are pure and not contaminated with other strains.

B) Please label all tubes sent to the UB Next-Gen Sequencing and Expression Analysis Core clearly with the name of the strain to be sequence. Please include the date on which the pellet was made, the name of the technician preparing the sample, the PI name, and institution or business name.