

DSMZ Workflow

- The Principle Investigator (PI) will submit the proposed strain of interest to DSMZ following the instructions under 'Deposit in the Public Collection', <http://www.dsmz.de/deposit/deposit-in-the-open-collection.html>.
- The PI will prepare and submit the DSMZ required forms for strain submission, <http://www.dsmz.de/deposit/deposit-in-the-open-collection/deposit-of-microorganisms.html>.
- After DSMZ agrees to accept the strain for accession into the collection the PI will send the strain to DSMZ following the guidelines for shipment as shown on the DSMZ web pages.
- The DSMZ will purify the DNA for the Principal Investigator and once the DNA is purified, DSMZ will prepare both an agarose and pulsed field gels.
- DSMZ will send the collaborator the annotated gel image file of the sample.
- The collaborator will then upload the DSMZ sample gel file and required information into the myJGI site for the sample.
- The JGI will review the gel file and required information.
- If authorized to ship, the JGI will send an email to the PI and DSMZ. The PI needs to send the shipping documents to the DSMZ as a .pdf file. If there is no authorization to ship, the JGI will send an email to DSMZ, and DSMZ will reprep. the sample.
- DSMZ will ship at their discretion, usually 1x to 2x per month.
- There is the possibility that DSMZ is unable to grow your DNA. The JGI will work with you on a 1-on-1 basis in these rare cases.

9-13-2011

Cell Paste Preparation for DSMZ

Appropriate cell paste preparation and storage are critical for the success of **high molecular weight** gDNA preparation from that cell paste.

Please follow the cell paste preparation guidelines:

- How much cell paste is needed?
 - a minimum of 0.5g wet weight, it is always better to have more, to have the possibility to repeat the extraction.
- Please centrifuge the cell paste down
- Remove any supernatant and freeze immediately **at -20°C**
 - the pure cell paste
 - **without** any alcohol overlayed
 - label the tube (Falcontube) with the strain name

Please follow the shipping guidelines.

- Dry ice.
- CSP Proposal Title
- Shipping address:

DSMZ,
Evelyne Brambilla,
Molekulare Systematik,
Inhoffenstrasse 7b,
38124 Braunschweig,
Germany

- Return Address

Please do not send the cell paste overlayed with ethanol or isoproponal.