

Physiology Experiment: Update

Dimensions/Dark Matter
San Diego State University
3 May 2012

PM Progress To Date: New Protocol

Clones Ran:

- > EDT 2231
- > EDT 2239
- > EDT 2240
- > EDT 2241
- > VCID 5944
- > VCID 5945
- > VCID 5946
- > VCID 5947
- > VCID 5948
- > VCID 5949
- > VCID 5950 ★
- > VCID 5951 ★
- > VCID 5952 ★

Clones Uploaded:

- > EDT 2231
- > EDT 2239
- > EDT 2240
- > EDT 2241
- > VCID 5944 ★
- > VCID 5945
- > VCID 5946
- > VCID 5947 ★
- > VCID 5948 ★
- > VCID 5949 ★

Remaining 12 ANN (-) Clones → 2 Weeks

Adapting PMs For *Roseobacter SIO1*

◎ Supplementing Media:

> Increase [NaCl]

- Salinity of Ocean = 3.2% → 548mM
- [NaCl] in Marine broth = 1.94% → 332mM
- Current [NaCl] = 5mM

> Zobell as preliminary Carbon Source

- Currently using 0.2% carbon