

## Bi1x Spring 2010

### Gel Write-up:

Add to your notebook a picture of your gel with labels:

- What you put in each lane.
- What bands do you expect in each lane? (except for ladders)
- The estimated length of each band, using the known lengths of the ladders. (Ladder information available from NEB. Ours are the first two, 1kb and 100bp: [http://www.neb.com/nebecomm/tech\\_reference/markers\\_ladders/DNA\\_markers.asp](http://www.neb.com/nebecomm/tech_reference/markers_ladders/DNA_markers.asp) )

Discuss your gel in your notebook:

Are any of the bands in your lanes inconsistent with what you put in? What do you think might have happened?

Do you see any bands in your PCR lanes? Did your negative controls work appropriately? If not, explain why that might be.

Do you see the bands you expected in your digests? Did your negative controls work correctly? If not, explain what you think may have happened.