GEL ELECTROPHORESIS

MOD1 DAY3

TUESDAY SEPT 16

Notes on M&M drafts

- Generally complete + carefully written
- Need to avoid jargon + shorthand (e.g. landing sequence)
- Specify 5'or 3' (rather than "before" or "behind")
- Specify reverse complement
- Why add stop codon?
- Why add 6bp ends?

Notes on M&M drafts

- Use a general statement @ the start
- Use mass not volumes when possible
- Use past tense
- Use final concentrations when possible

- Use your time while your gel is running to work on re-writing these drafts

Review:restriction digests

Agarose gel electrophesis

- What is a gel?
- How does it work?
- How do we “see” the DNA?

- What do we expect to see?

What to expect for next time

- Make journal style figure of your gel image
- Calculate sizes of fragments from migration distances

- Gel image will be posted with your purified samples. You will need determine volumes to be ligated