

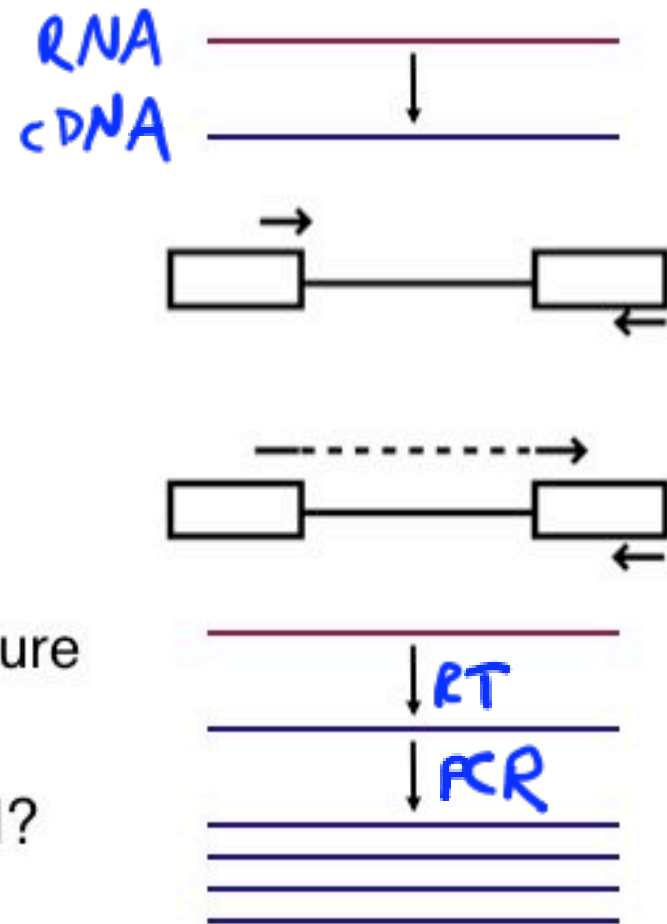
- Announcements
- Quiz
- Pre-lab Lecture
 - ❖ RT-PCR
 - ❖ Today in Lab (Mod 3 Day 4)

Announcements

- Grad school info session (BE Board)
 - 56-614 at 7:30 pm tonight (Tuesday)
 - With pizza
 - BE seminar on adult stem cells and skeletal TE
 - 32-141 at 4 pm on Thursday
 - Dr. Rocky Truan from NIH-NIAMS (national institute of arthritis and musculoskeletal and skin diseases)
- last day in TC!!

Day 4: RT-PCR

- RT = reverse transcriptase
 - what does this enzyme do?
- Unique primer design needs
 - how to isolate transcript...
 - ... but not genomic DNA?
- RT and PCR can be done in one reaction or two
 - enzyme de/activation by temperature
 - hot start enzymes in general
- What kinds of controls are desired?
 - internal control (loading)
 - no template control



Module overview: 2nd half

