

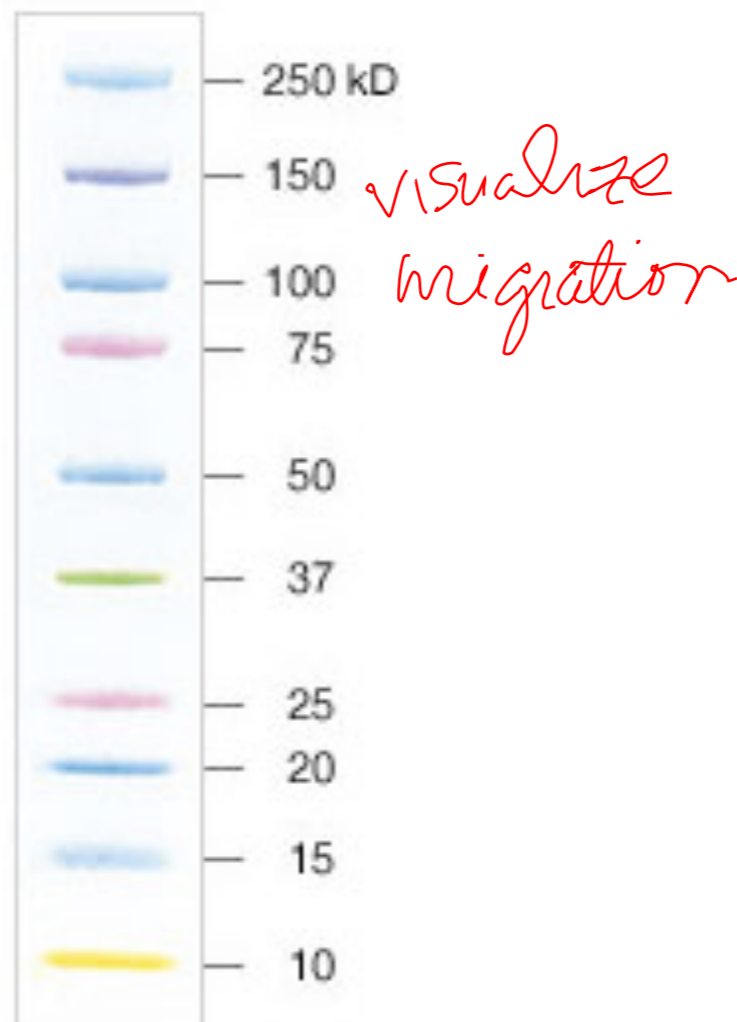
M2D7: The Big Day -- Assess IPC Function!

4/10/13

1. Discuss mid-term evals. Thanks for your feedback!
2. M1 and M2 reflections will be read together -- don't forget about the special topic reflections for a bit of extra credit!
3. M2D4 FNT: Great job! Progress on introductions was significant :-)
4. Quiz: Low average -- 50/50 responsibility.
5. Module 2 Report:
 - ★ individual reports due **Monday, 4/22 at 5PM**
 - ★ no formal revision: Alan grades everything but methods/results (OH by appt), I will grade methods/results (OH on google calendar)
 - ★ see note about reference mutant framing in the M2D4 FNT feedback
 - ★ you are writing for a naive audience!

SDS-PAGE visualization, analysis

- Visualization: Coomassie stain (binds certain AA)
- Two possible ladders: visualization, quantification



Kaleidoscope



Unstained

150 ng (@100 KDa) *

750 ng (@50 KDa)

150 ng (@20 KDa)

Thanks to Agi for this slide!

Today in lab:

1. Start with SDS-PAGE (~ 1 hr): **2 groups at a time**

★ Boil samples + ladders = 8 samples total (not 7)

★ Practice loading on a gel while samples are boiling

2. Test your engineered IPC protein (~ 1 hr): **2 groups at a time**

★ Set-up your calcium titration curves at front bench

★ *****NO BUBBLES*****

3. Wash and stain your SDS-PAGE gel (~1.5 hr): leave O/N

4. Safety lecture: 4pm -- biosafety so we can start tissue culture

5. M2D7 FNT: high-level methods outline

6. Next time: 16-336 for data analysis!