M2D8:

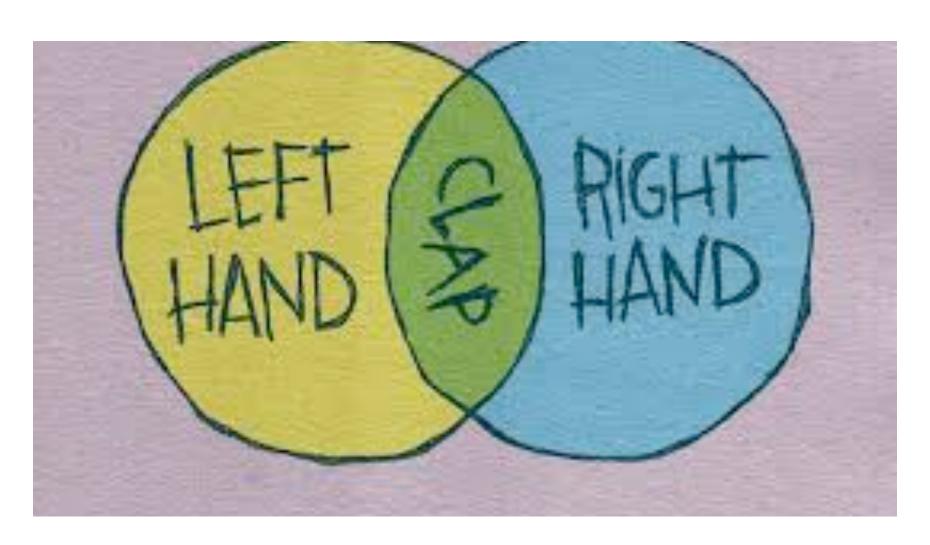
Readout: Protein

11/4/14

#### Lab business

- Lab treat
- For next time...
  - Read through front page of Mod 3
- Mod 2 research report due November 12 at 12p
  - Material and methods drafts returned on R
  - Natalie: office hours by appointment
  - Agi: office hours R 4-5:30p and M TBD (check wiki)
  - Noreen and Shannon: will email
- Blog post due November 13
- Atissa will email you to review Journal Club

# Thank you, Yongjin!



#### Review of last time...

Sample preparation:

```
SDS > & charge
BME > breaks S-Sbands
Boil -> break 2' Structure
```

• Protein separation:

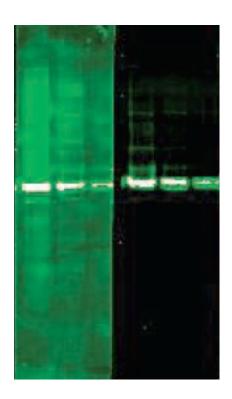
```
Polyacrylamide
Supavated by Size
```

Protein blotting:

onto nitro ce manose

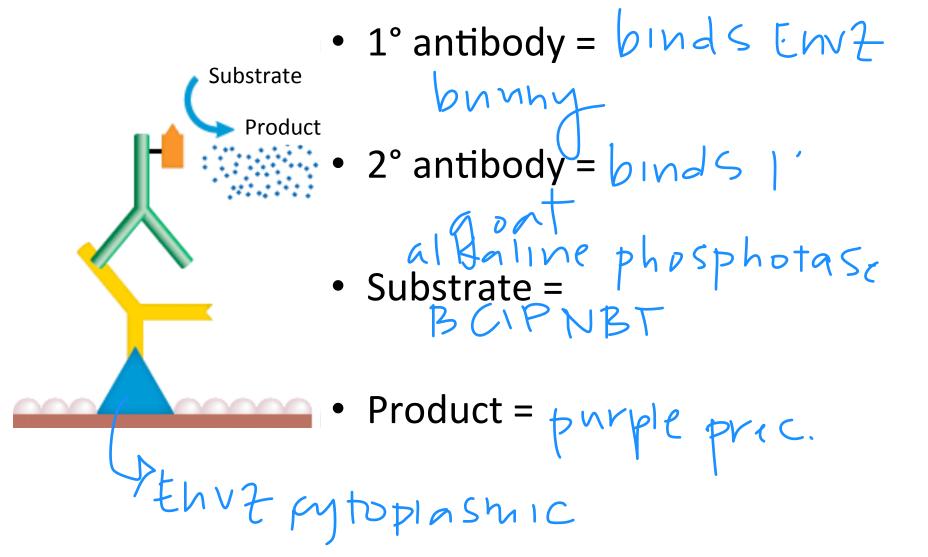
### While you were away...

 Nitrocellulose membrane incubated in blocking solution (5% milk)



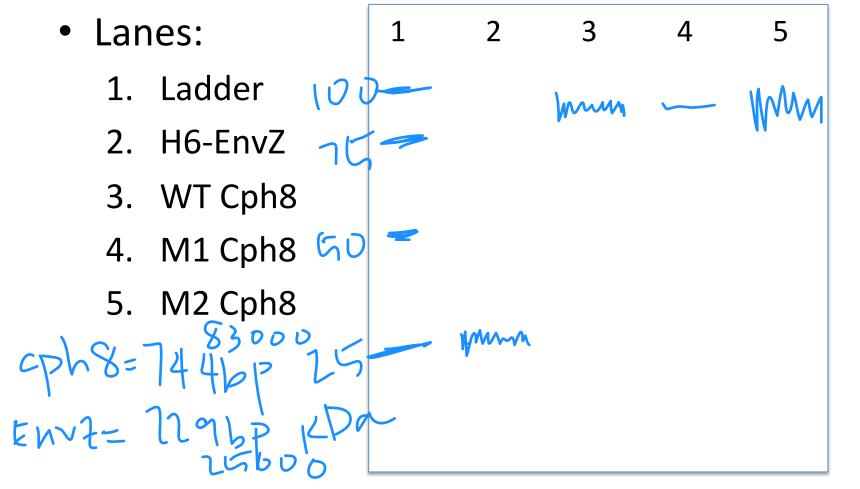
Milkorcascin

## Probing for Cph8 protein



### Visualizing Cph8 abundance

What is the expected size of EnvZ? Cph8?



### Today

- 1. Finish Western blot analysis
- 2. Use previously isolated mutants to generate data for Mod 2 report (Topic 3)
  - Complete beta-galactosidase assay
  - Setup bacterial photographs