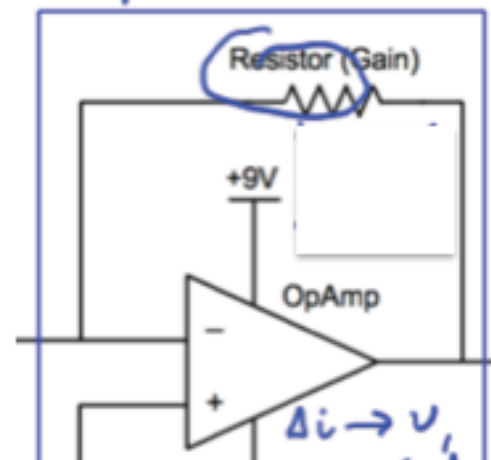


- Lab Quiz
- Announcements
- Brief review of where we are
- Look at plates from last time →
choose colonies to test further

Announcements

- FNW due Friday: outline of M2 report Introduction
 - bonus for attending BE Communications Lab and briefly writing up your experience → any problems signing up?
- FNW due one week later: draft of M2 Methods
- M2 draft report due Wed 11/12 at noon
 - max increase on revision is 10 pts (1 letter grade)
- About the M2D3 circuit exercise...



Developing modified system

- Goal: improve contrast between light and dark areas in bacterial photography system
 - Strategy
 - known mutation at T247 in EnvZ protein
 - make mutations at analogous site in Cph8
 - pick colonies with hi/lo B-gal in dark = redder color
- ultimately, related to B-gal production

<u>EnvZ</u>	H243	D244	L245	R246	T247R (K+P-)	P248
wt seq	CAC	GAC	TTG	CGC	Thr = ACC	CCG
<u>Cph8</u>	H537	D538	L539	R540	T541	P542
to test:	Kinase Dead mutant					

↓
for reference,
along w/ "WT"

Images from wiki



