

8/30/13

## Note: Part name change:

- K1042001 - Trans 1 Cf (aka Delta activator from phi sample)
- K1042002 - Trans 3 Sample 2 (Delta phi)
- K1042003 - Trans 4 Sample 2 (ogr activator)
- K1042004 - Trans 5 Cf (ogr activator)
- K1042005 - Trans 6 Sample 2 (ogr activator)

## Cadmium Test procedure

- obtain plastic tubes and add 4ml LB<sup>+chlor</sup> to each  
(exception: sample A (control) gets only regular LB)
- Add 100  $\lambda$  cells and varying amounts of cadmium chloride
  - A - DHSa (control)
  - B - K81008 slant
  - C - K1042002
  - D - K1042003
  - E - K1042005
  - 1 - 0mM
  - 2 - 1mM (4.1  $\lambda$  Cd)
  - 3 - 5mM (20.5  $\lambda$  Cd)
  - 4 - 10mM (41  $\lambda$  Cd)
  - 5 - 50mM (205  $\lambda$  Cd)
- grew liquid cultures of all new parts listed at top  
(samples still under old name)
- made plates of
  - I 746350 (2 samples)
  - I 746381 ( " )
  - I 746352 (1 sample)
  - mK174015 Trans 1 - New
  - Trans. PO Prom + GFP-S