

# DNA ligations & bacterial transformation

Mod1 Day4

Thursday Sept 18 2008



# DNA ligations

Rxns:

# DNA ligations

Rxns:

Bkb

Insert

Buffer (w/ ATP)

Ligase

Clean Up! (again)

# Bacterial transformations



- When competent, cells are VERY fragile so...

# Selecting for transformants

# Controls, controls, controls

- 5ng pCX-EGFP
- Bkb+insert, no ligase
- Bkb, plus ligase
- Bkb+insert, plus ligase

# Things for next time

- Calculate efficiency of tx'n.  
UNITS=CFU/microgram of DNA
- Plan diagnostic digest
- Keep writing

