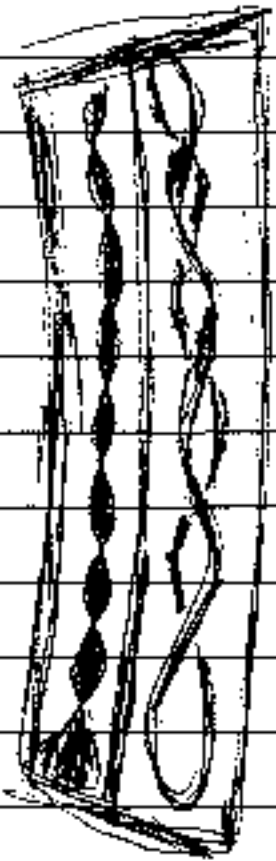


Lab Meeting



Niels A.

"Mammalian Cells defective in ung"

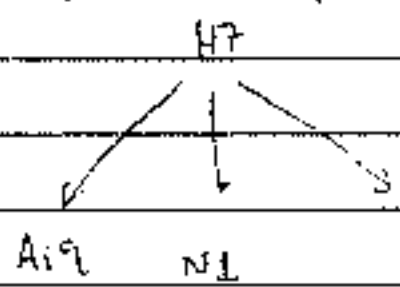
① phage w/ ung inhibitor - PBS2.

- inhibits E. coli, yeast, & human ung
- expression may be toxic

② trying to express inhibitor in human cells

- need to turn on/OFF
- using tetracycline sensitive transactivator
- w/ tet --- ON
- w/o tet --- OFF

③ Transfection / Electroporation



LUCIFERASE ASSAY
 - UNG ASSAY
 (release of uracil)

Grinnell - Rf. inhibits turnover

- degB mutant --- no hybrid DNA

Br Dk ->

- > low level of ung
- > turnover vs small repair patches