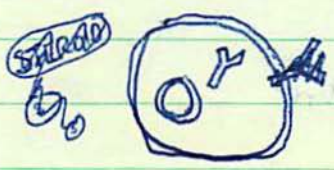


# Glucocorticoid Receptor



steroid enters cell



enters nucleus

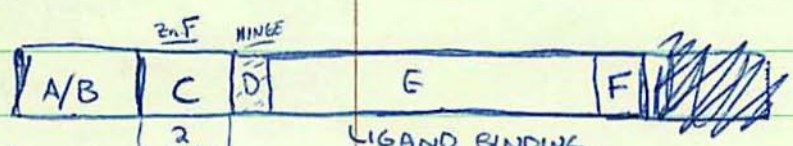


tx: activation

- thought that GR is complexed w/ other proteins such as HSP prior to activation

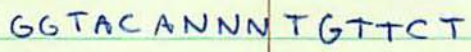
- binding to steroid opens up dimerization domain

**GR**



- binds TFIIIB
- transact.

- binds as a homodimer to GRE - gluc. respons. element



- Zn fingers make contact w/ DNA

- ①-
- ②-

## Lefstein et al

- Mutants in Zn Fingers
- what is relationship of phenotype to DNA

## Two mutants

- in presence of hormone get unlib. of growth in yeast

