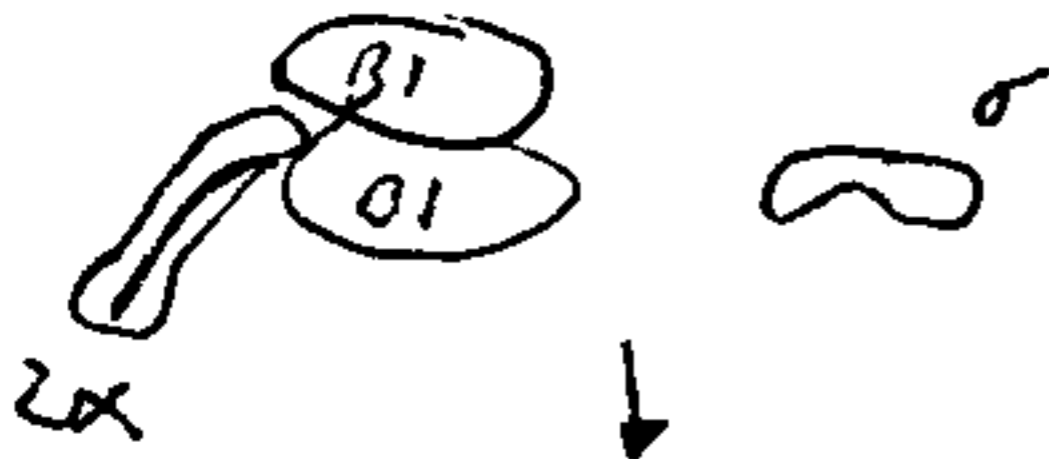


Carol Gross

Core

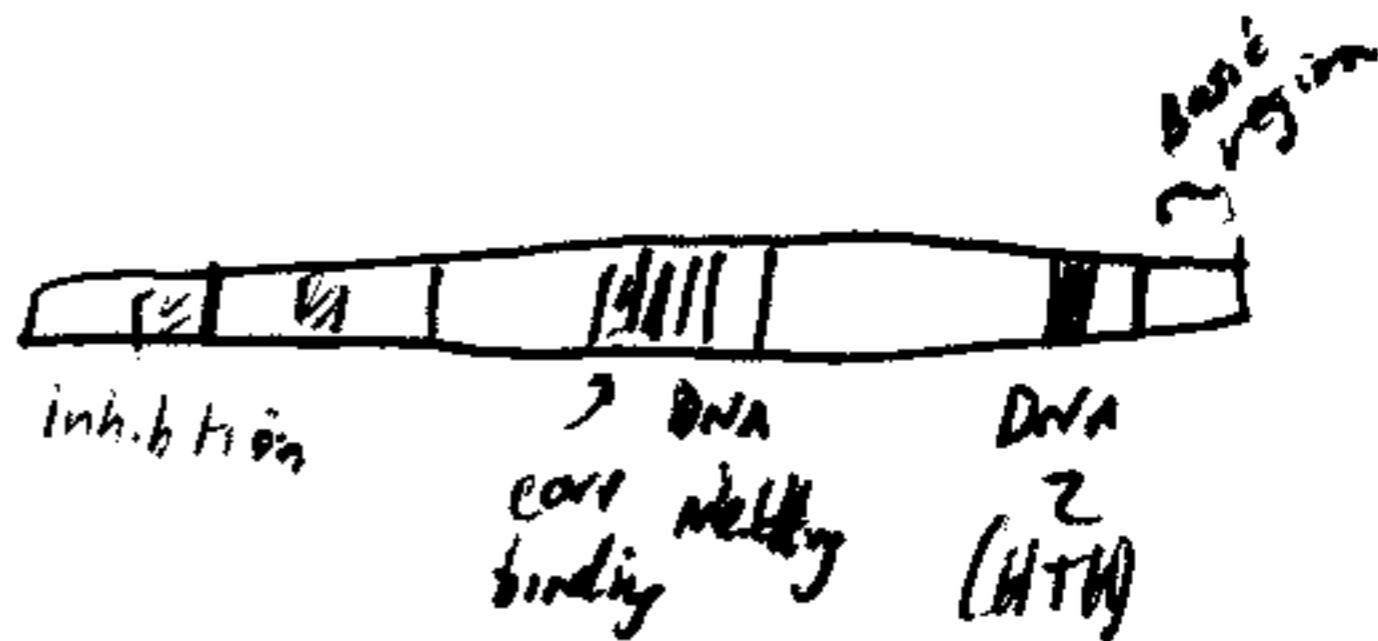


Holoenzyme

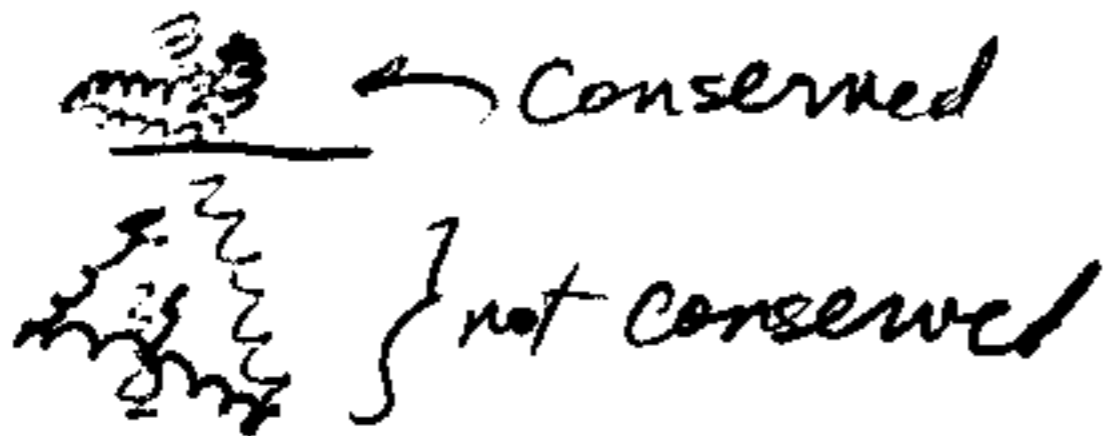


σ Factor - many types

- 2^o
- Heat shock
- Sporulation
- ECF



X-tal structure





Suggests σ acts as
"molecular ruler" \rightarrow
mark these.

C-term Basic Region

- highly conserved & highly basic
- region is not essential for σ activity
- some mutations in this region do affect tx rate + growth