

Reading out the Combinatorial Code using Tagged DNA and Microarrays

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Reading the Transcriptional Code

I. The markers:

Green fluorescent protein

Red fluorescent protein

II. The targets:

Lac operator

λ operator

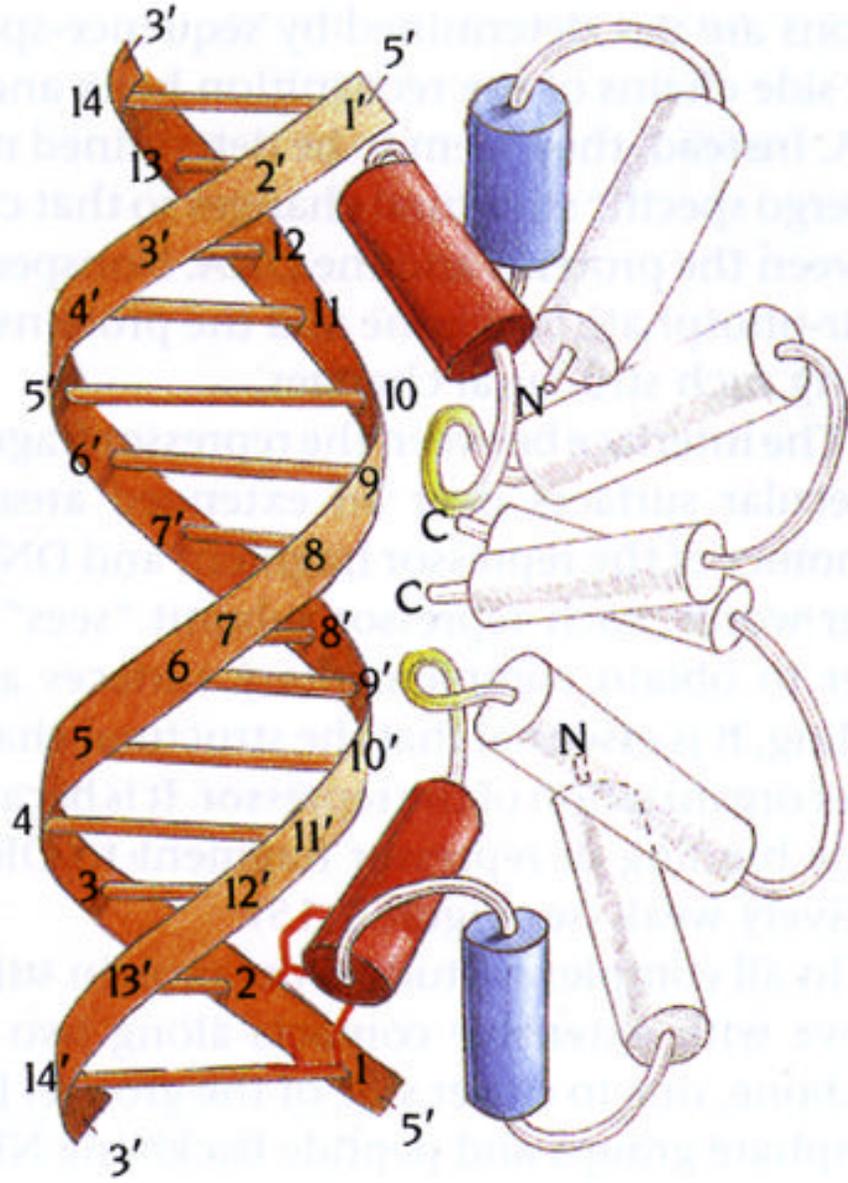
III. The engineering:

Transposon tagging

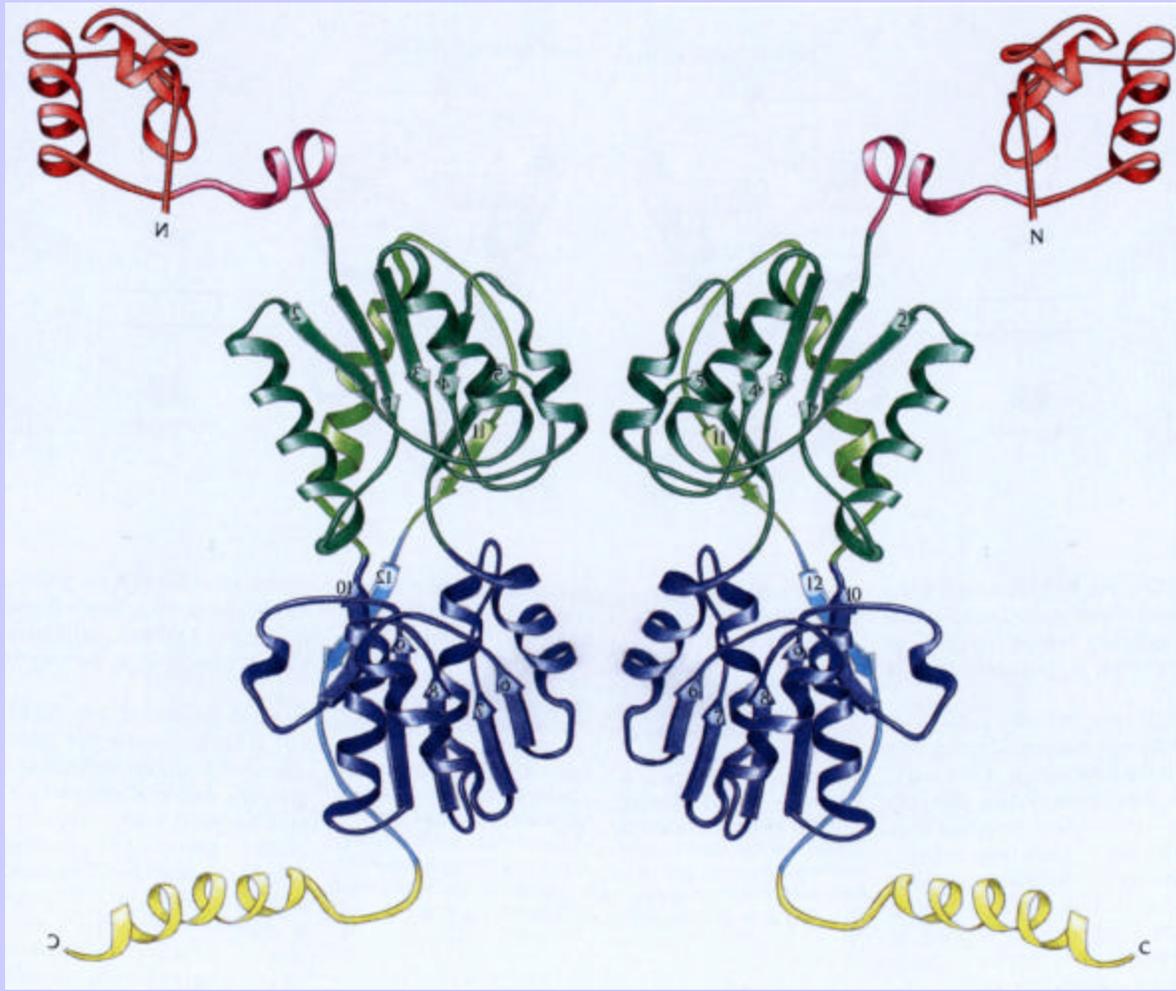
IV. Readouts

Microarrays



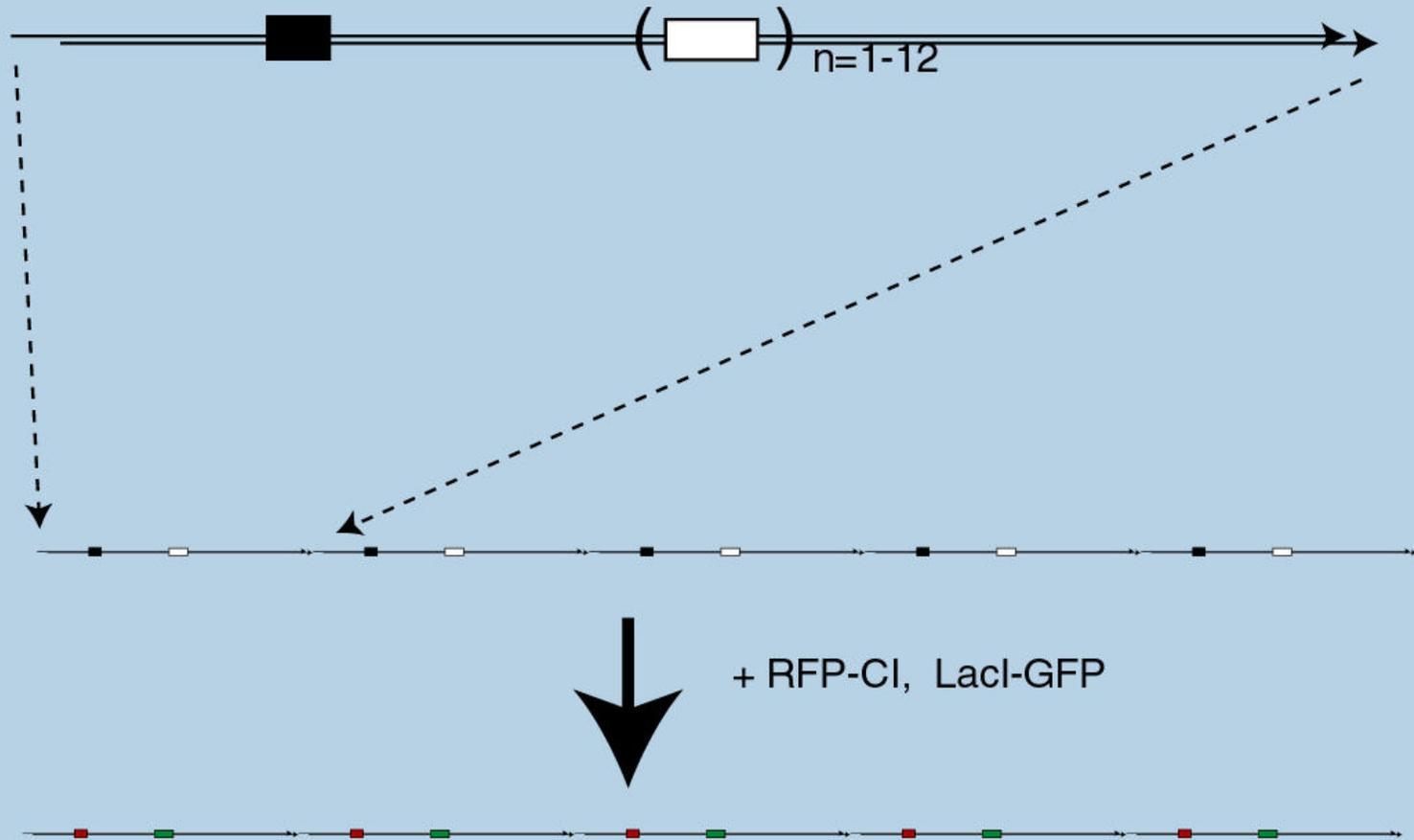


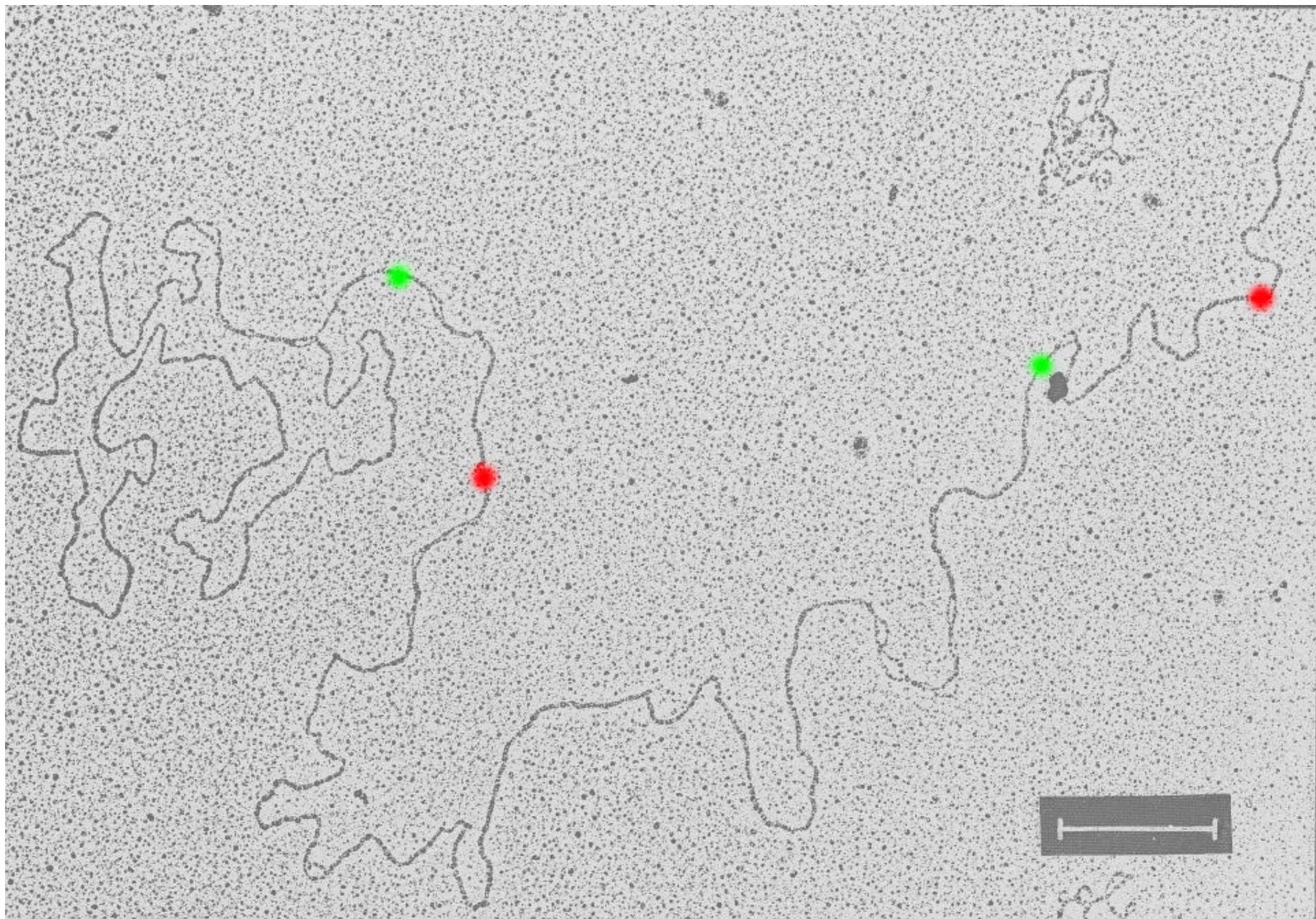


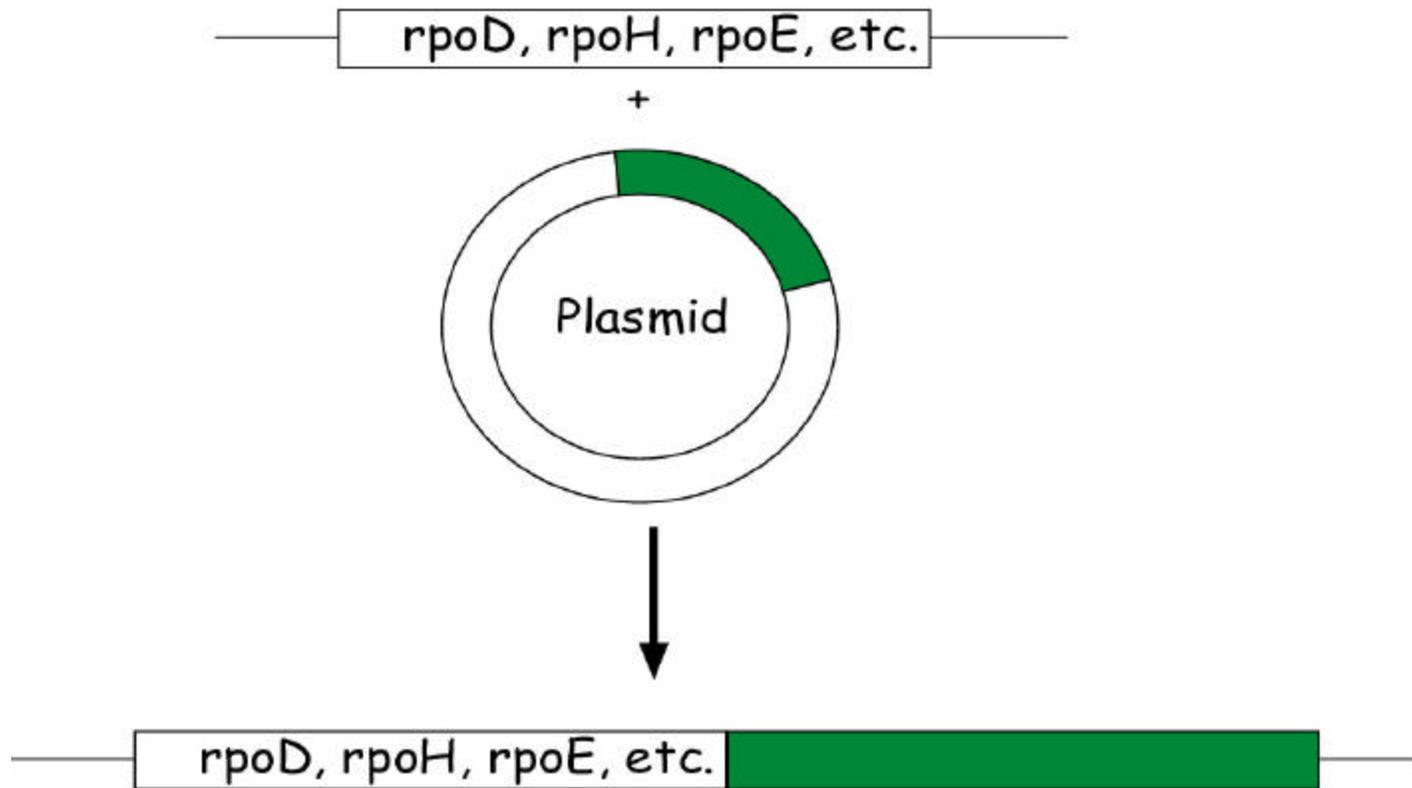


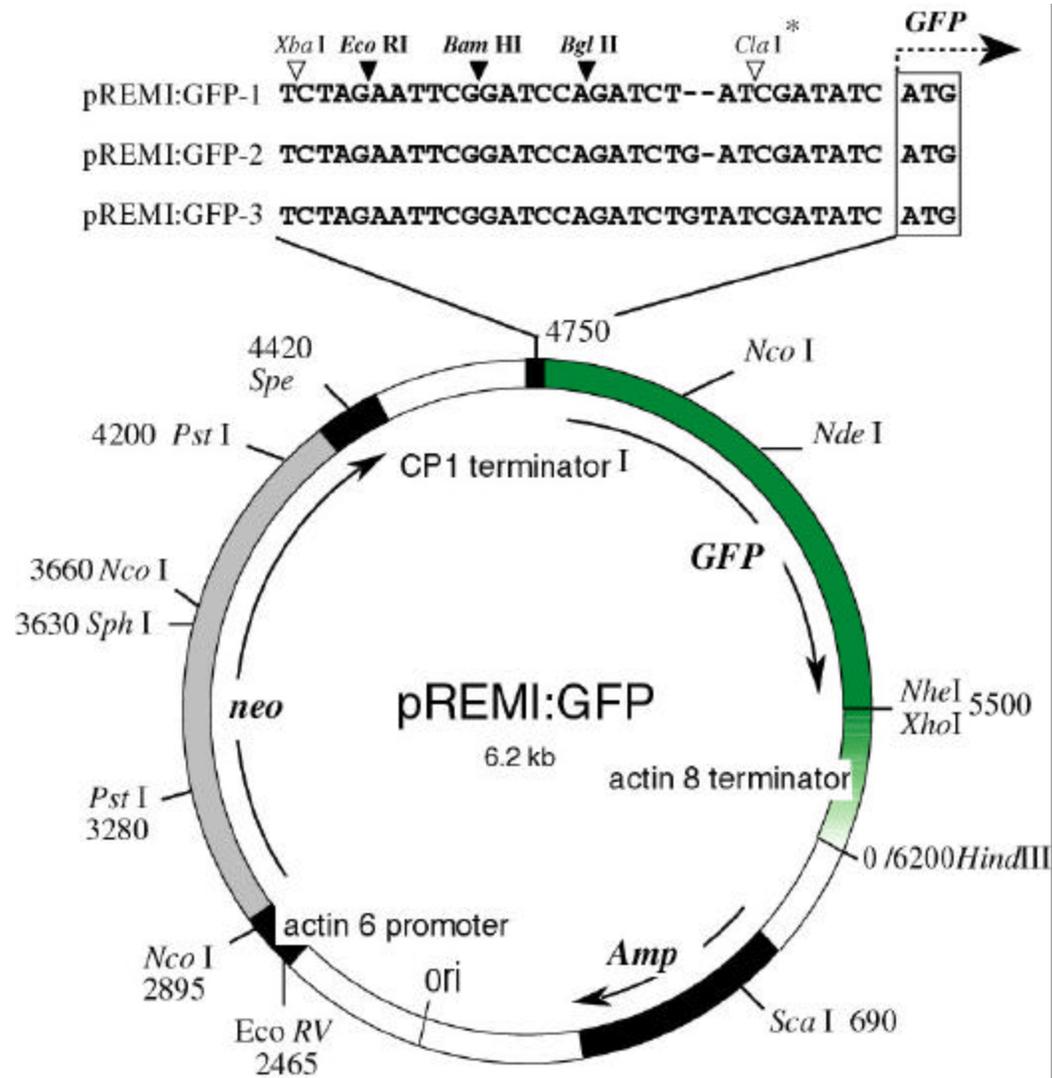
OR1

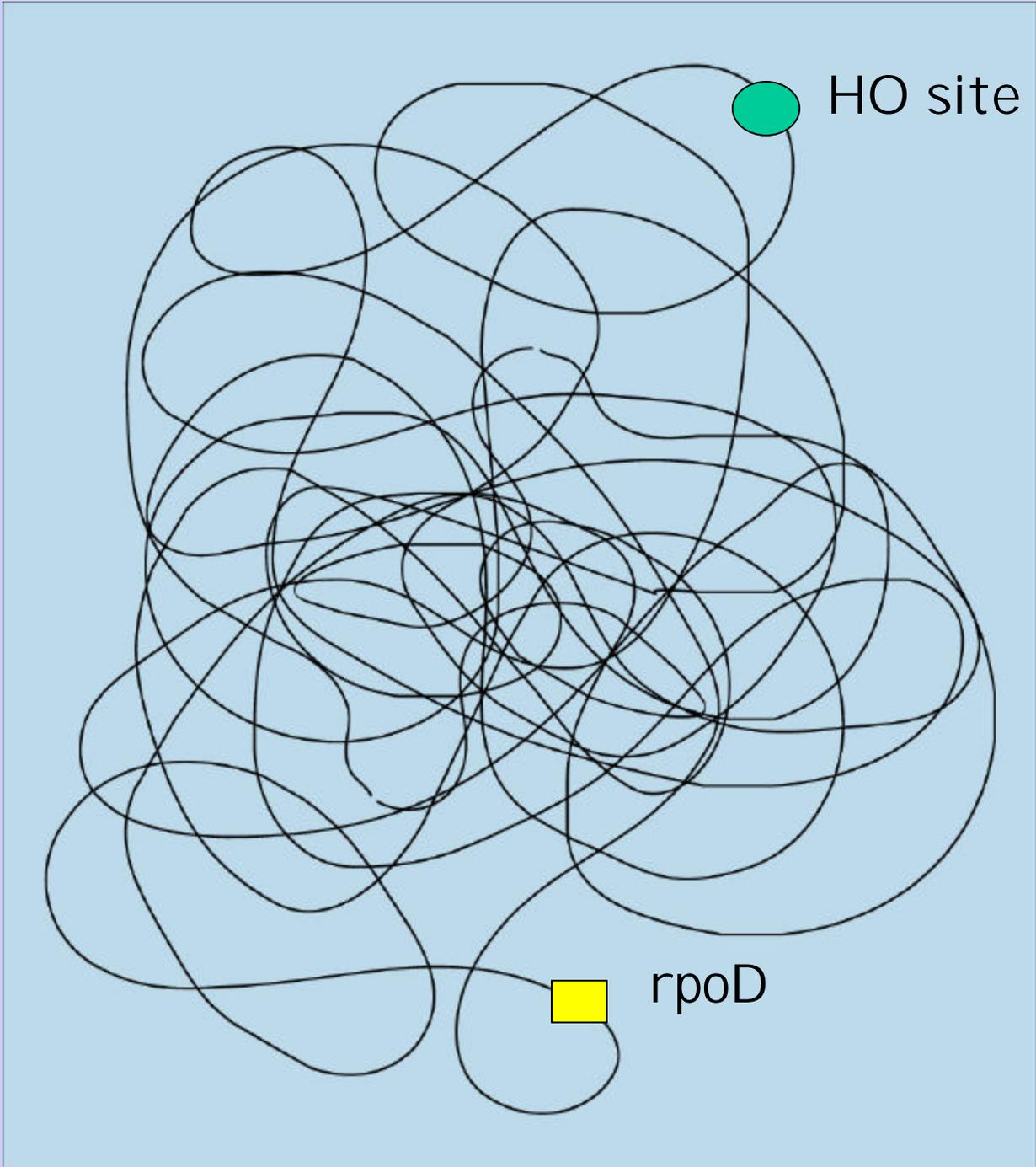
LacO











HO site

rpoD

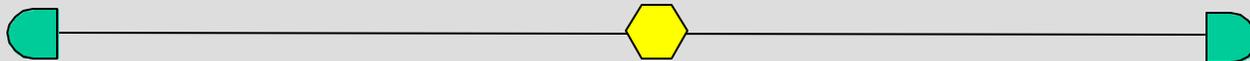
rpoH

rpoE

Cell state



1.



2.



3.



4.



n.

