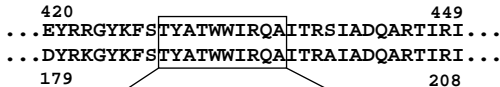


(A)

E. coli RpoD

B. subtilis SigA

420 449
...EYRRGYKFSTYATWWIRQAITRSIADQARTIRI...
...DYRKGyKFSTYATWWIRQAITRAIADQARTIRI...
179 208



(B)

Coding strand

5' ...ACT TAT GCT ACT TGG TGG ATT AGT CAA GCT... 3'
 C C C C C C C G C
 A A A A A A
 G G G G G

(C)

Probe1

3' ...TGG ATG CGG TGG ACC ACC TAG GCG GTT CG... 5'

Probe2

3' ...TGI ATI CGI TGI ACC ACC TAI ICI GTT CG... 5'