

Figure 1

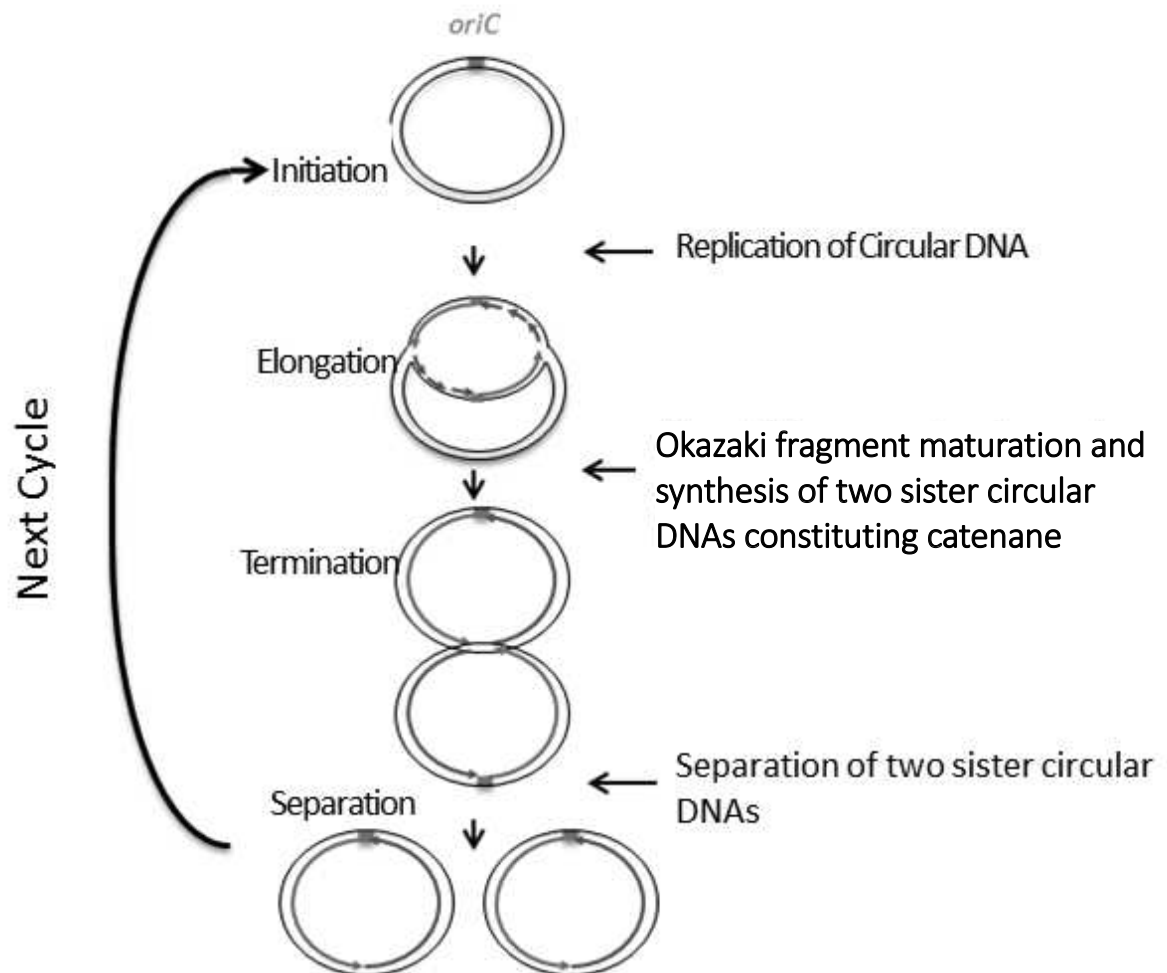


Figure 2

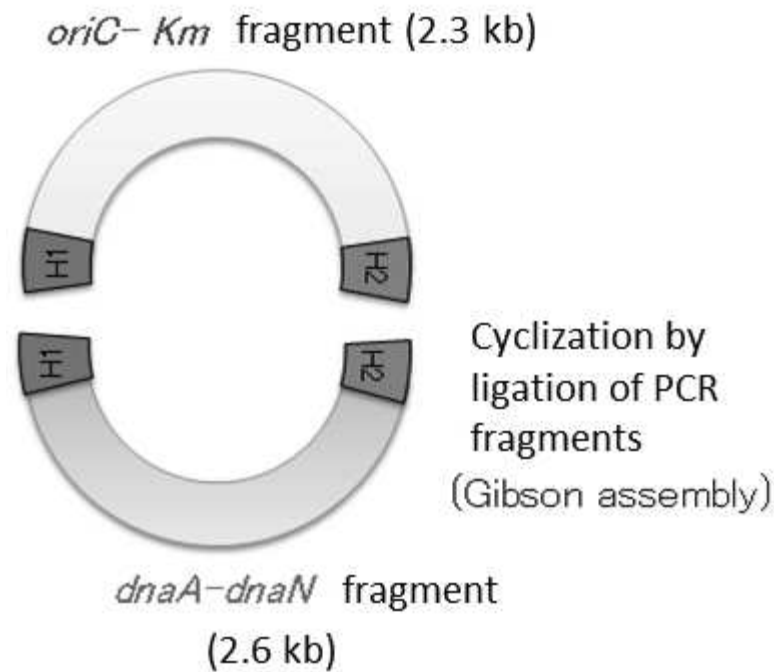


Figure 3

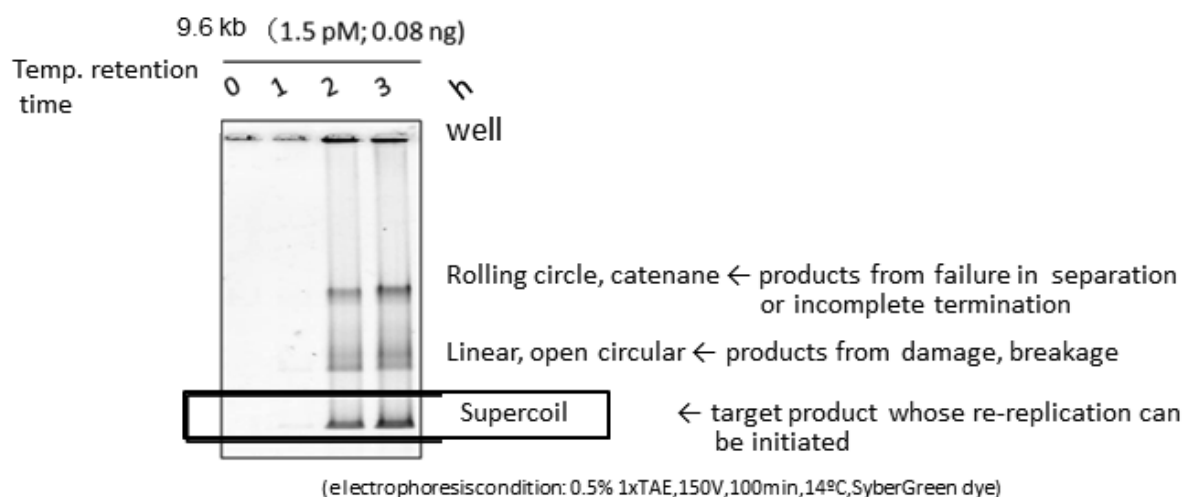


Figure 4

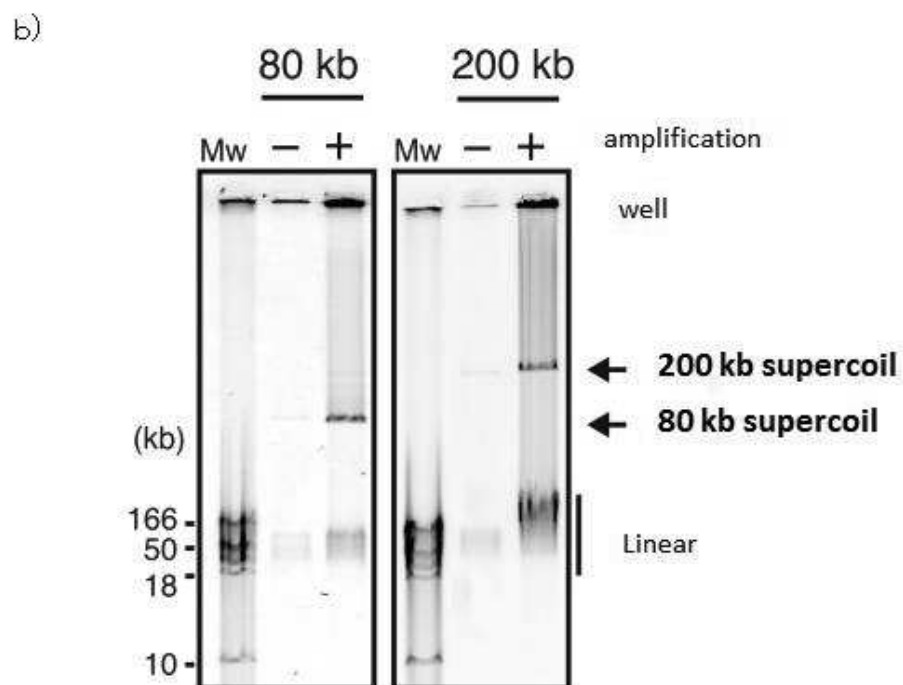
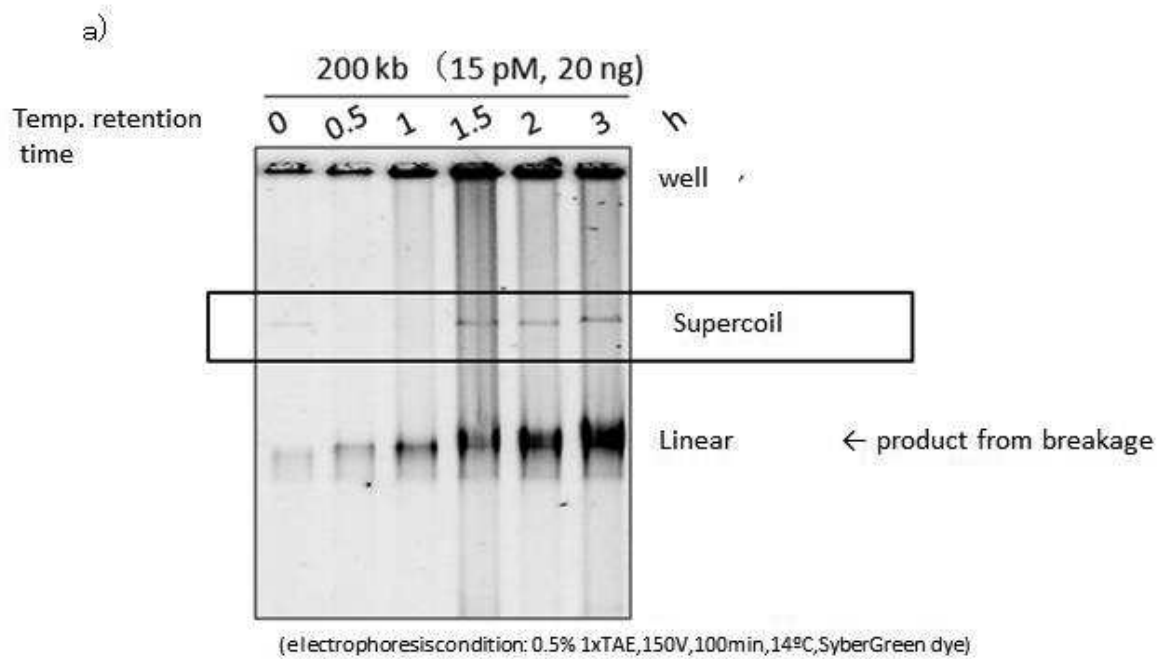


Figure 5

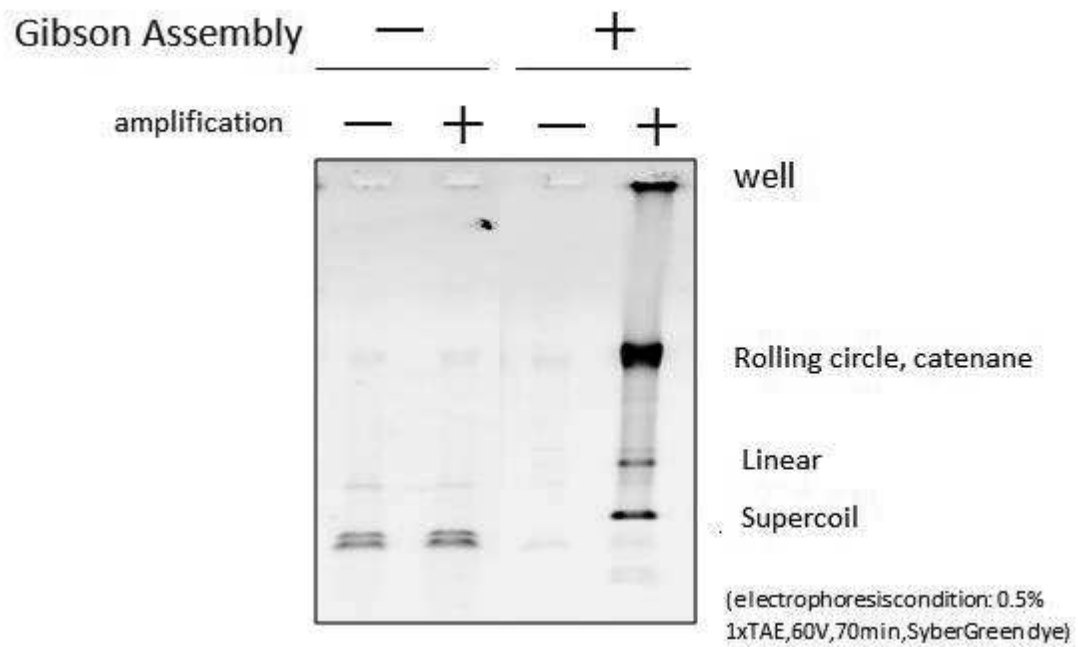


Figure 6

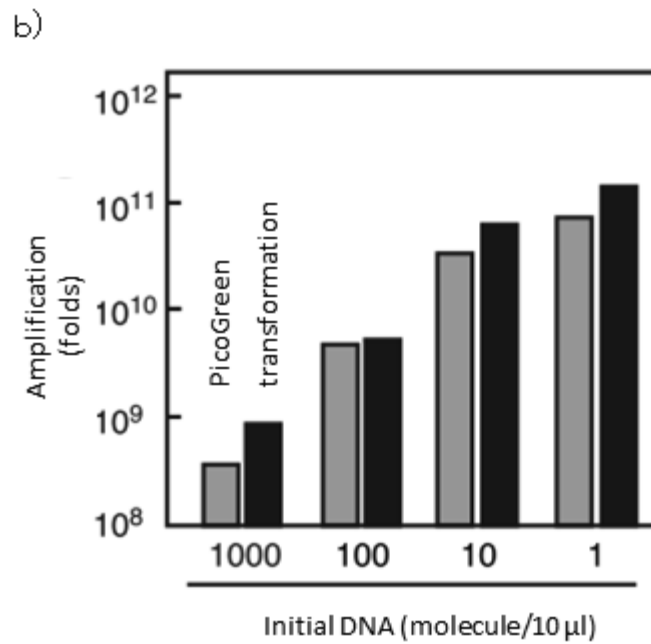
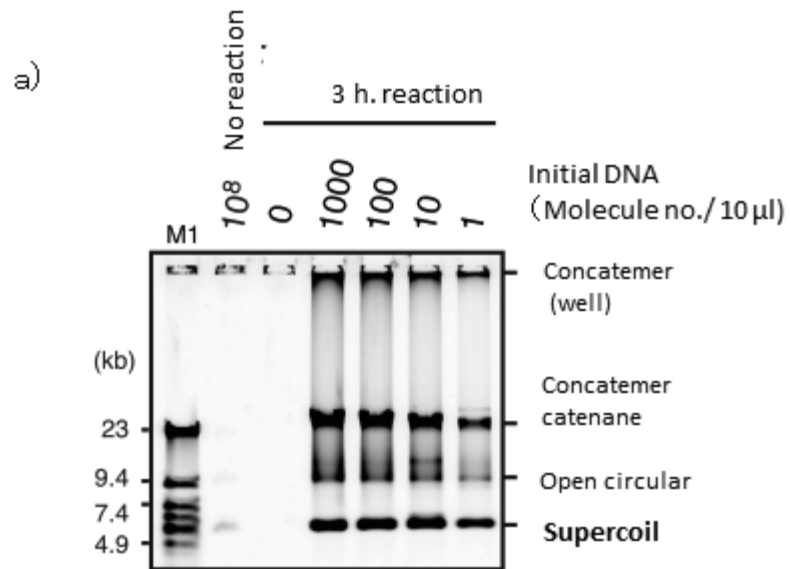


Figure 7

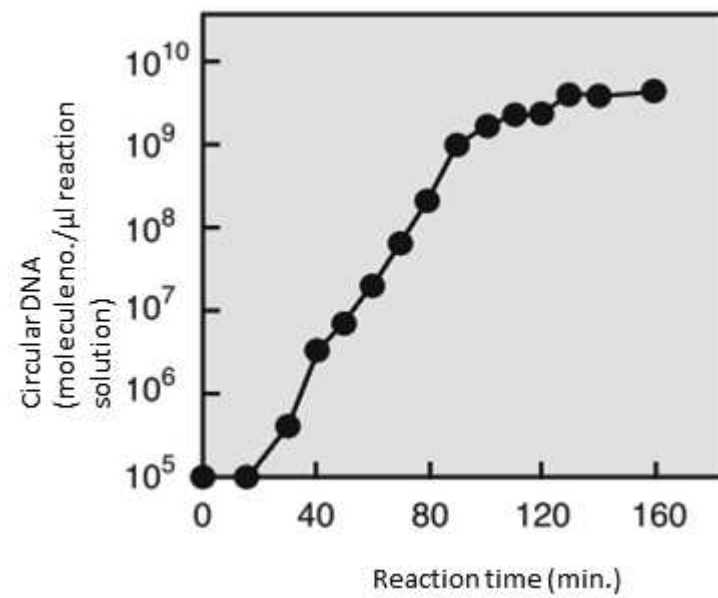


Figure 8

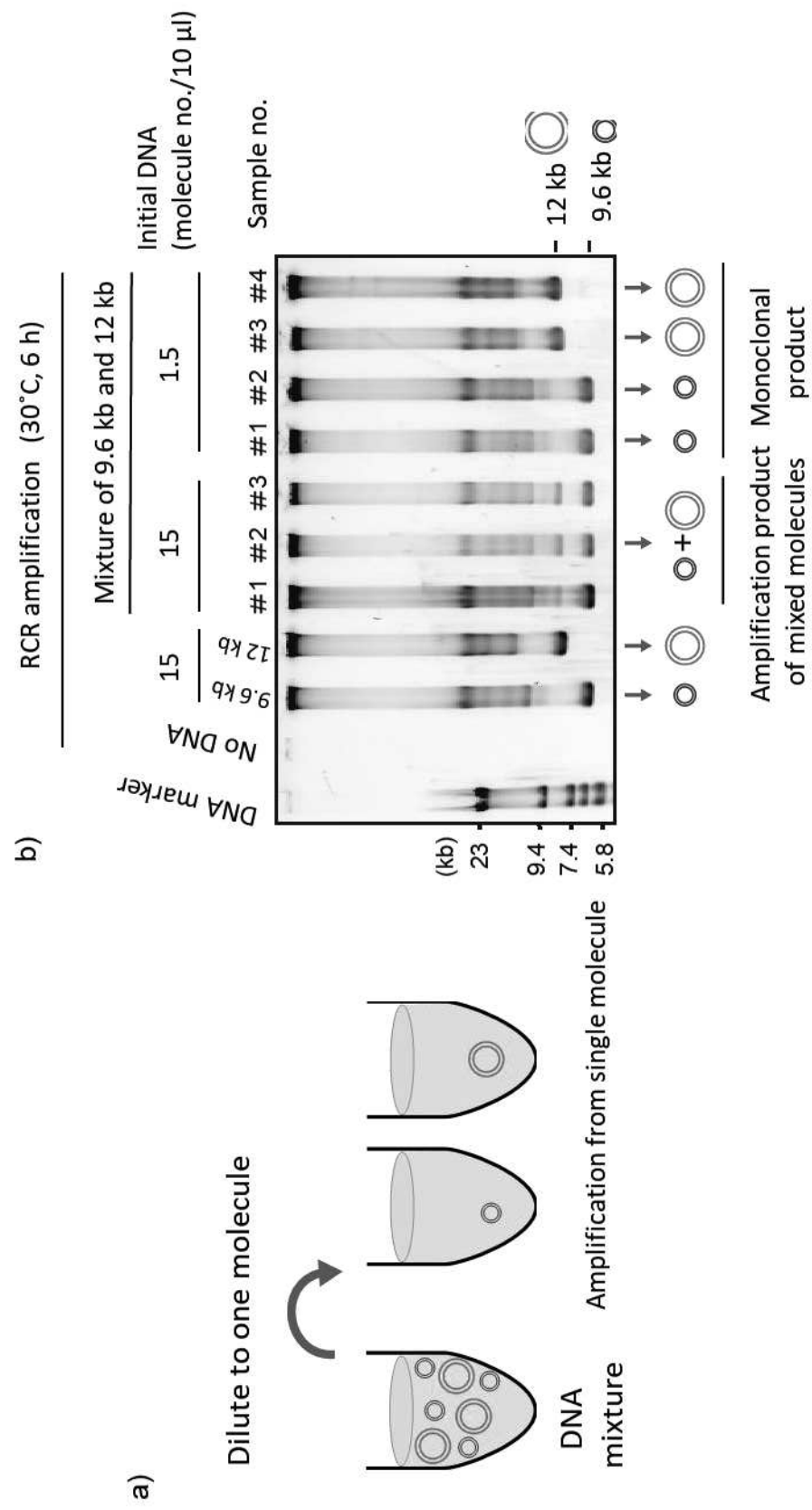


Figure 9

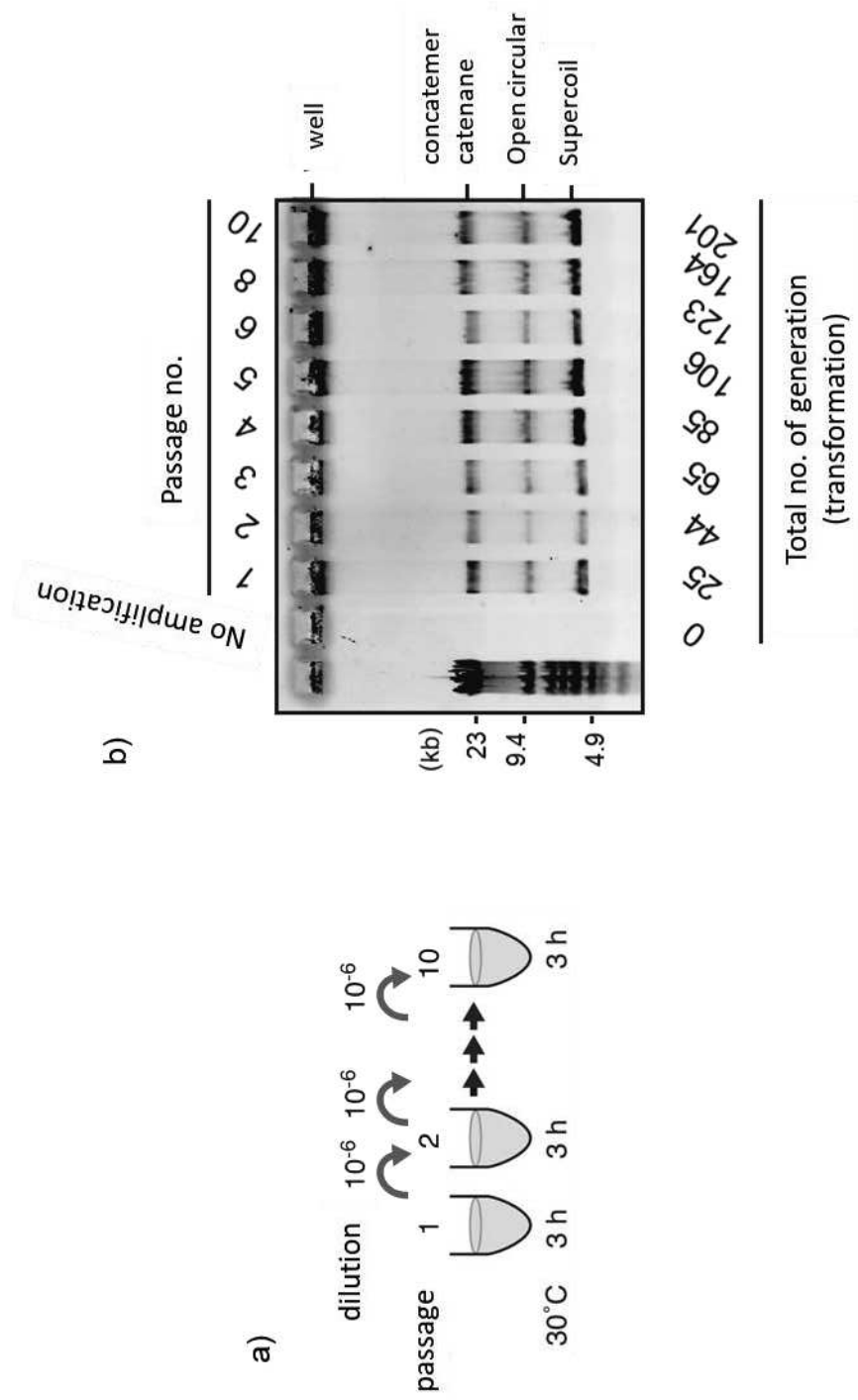


Figure 10

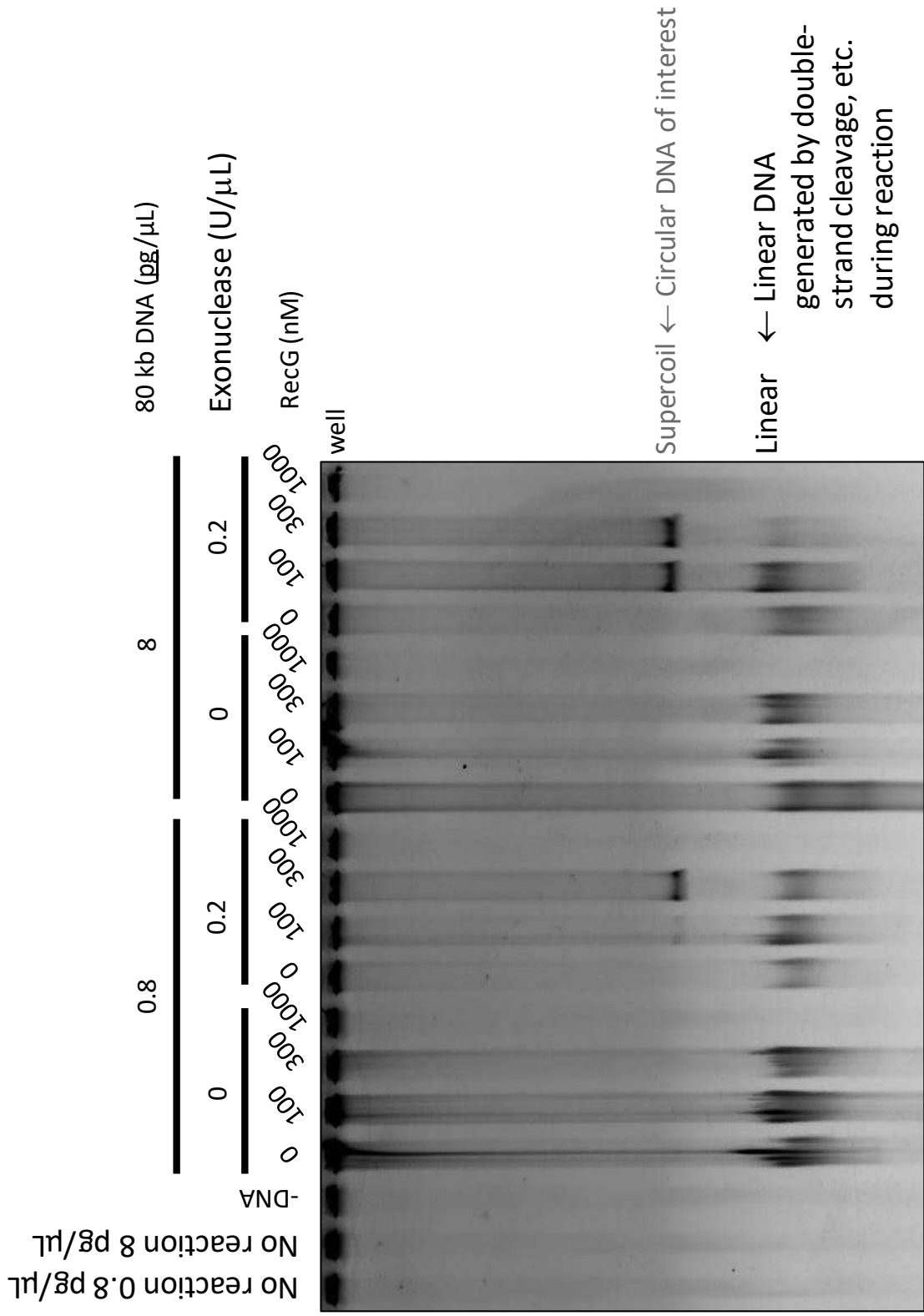


Figure 11

Condition A

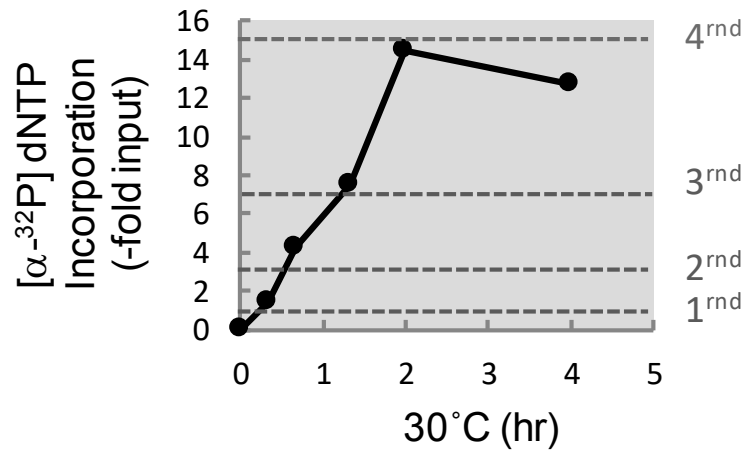


Figure 12

Condition B

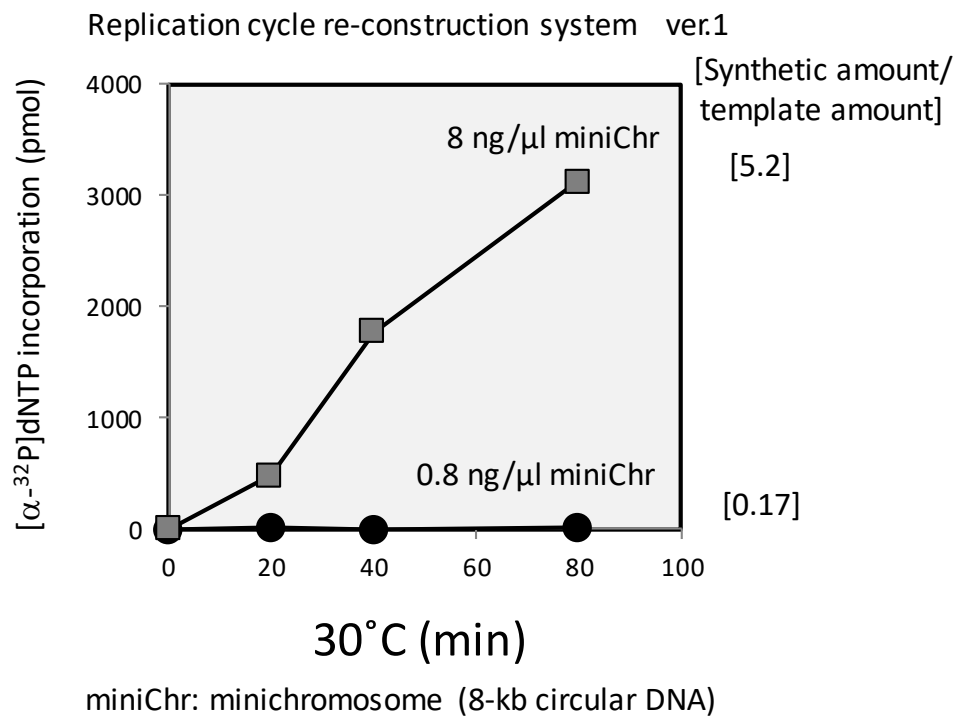


Figure 13

Condition C

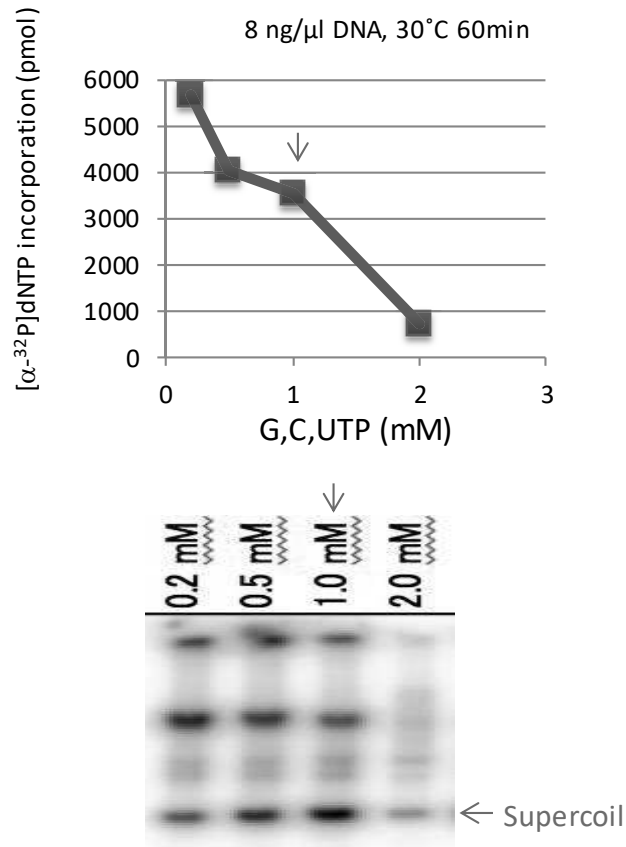
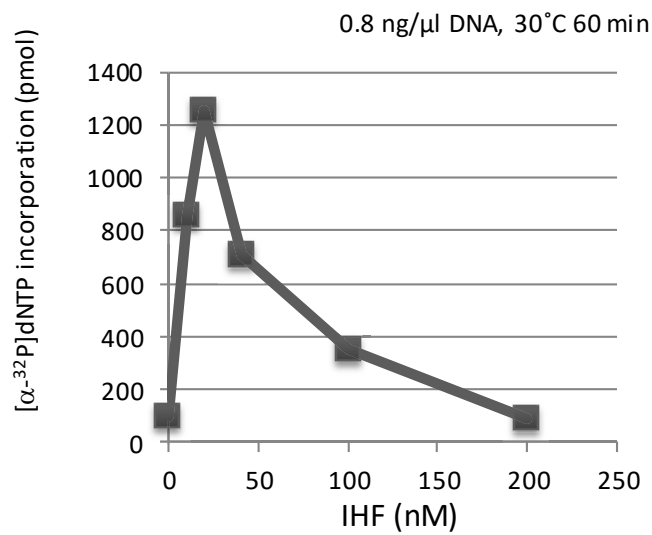


Figure 14

Condition D



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Figure 15

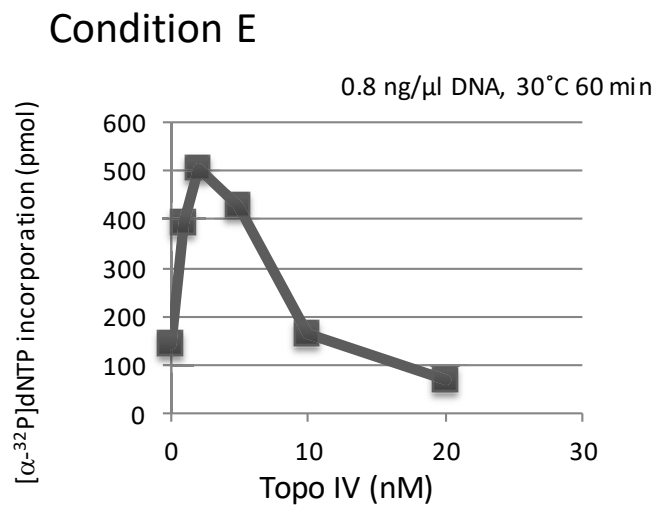


Figure 16

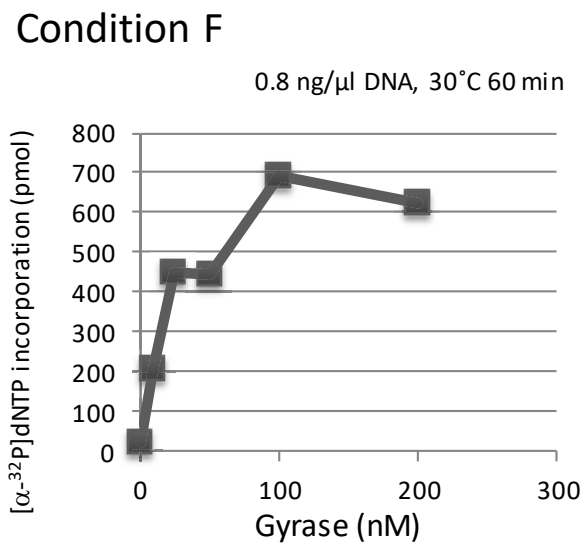


Figure 17

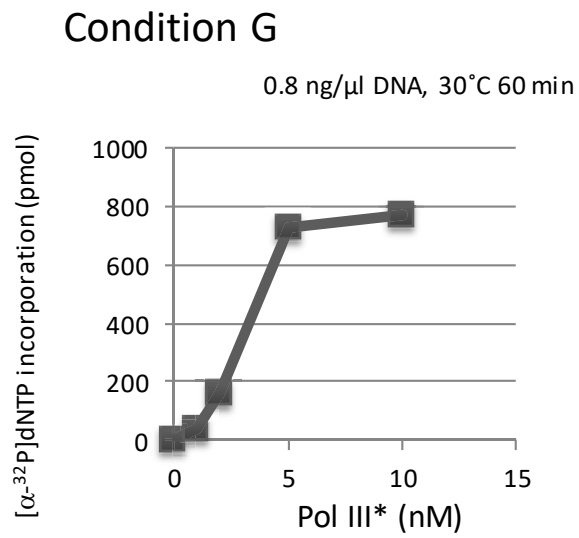


Figure 18

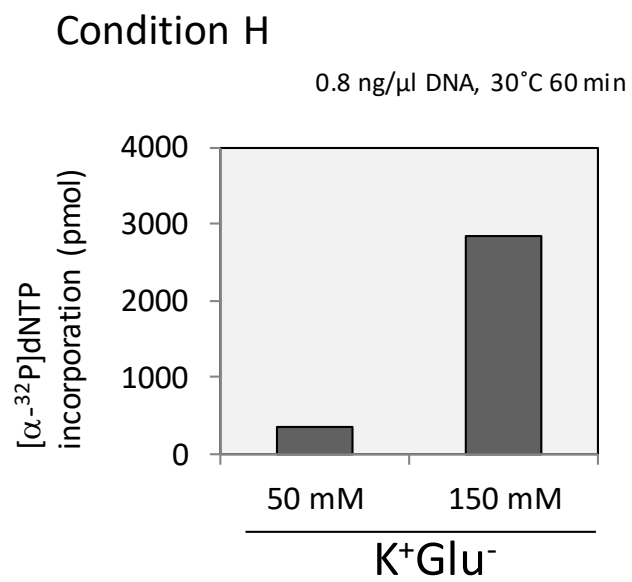


Figure 19

Condition I

0.8 ng/ μ l DNA, 30°C 60 min

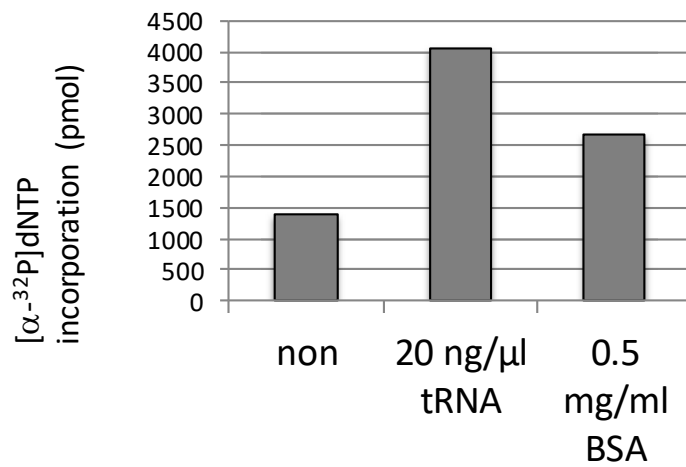


Figure 20

Condition J

0.8 ng/ μ l DNA, 30°C 60 min

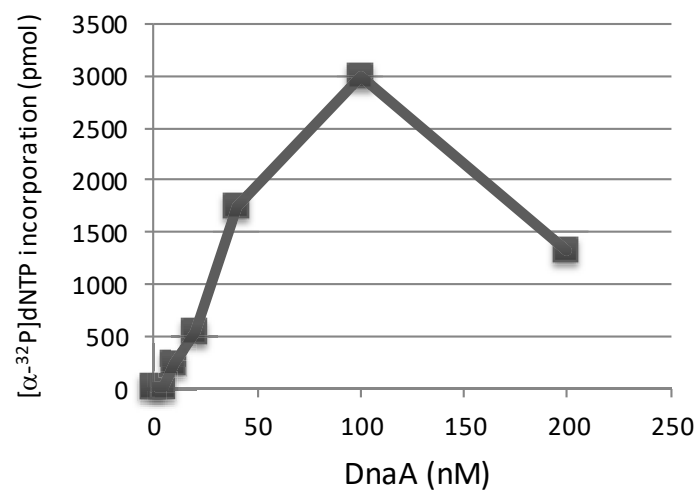


Figure 21

Condition K

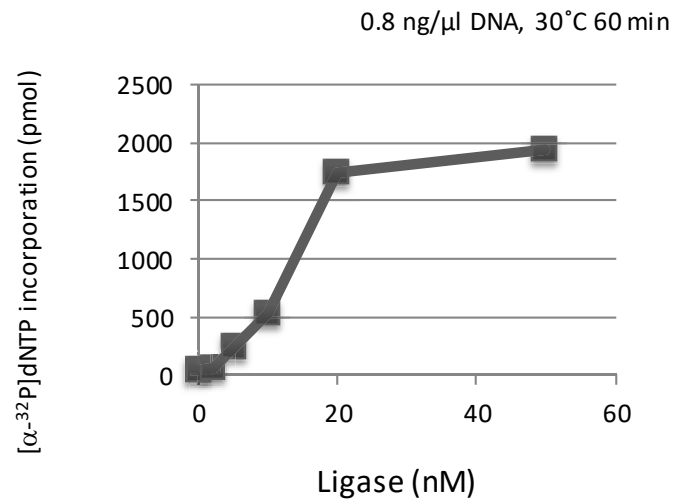


Figure 22

Condition L

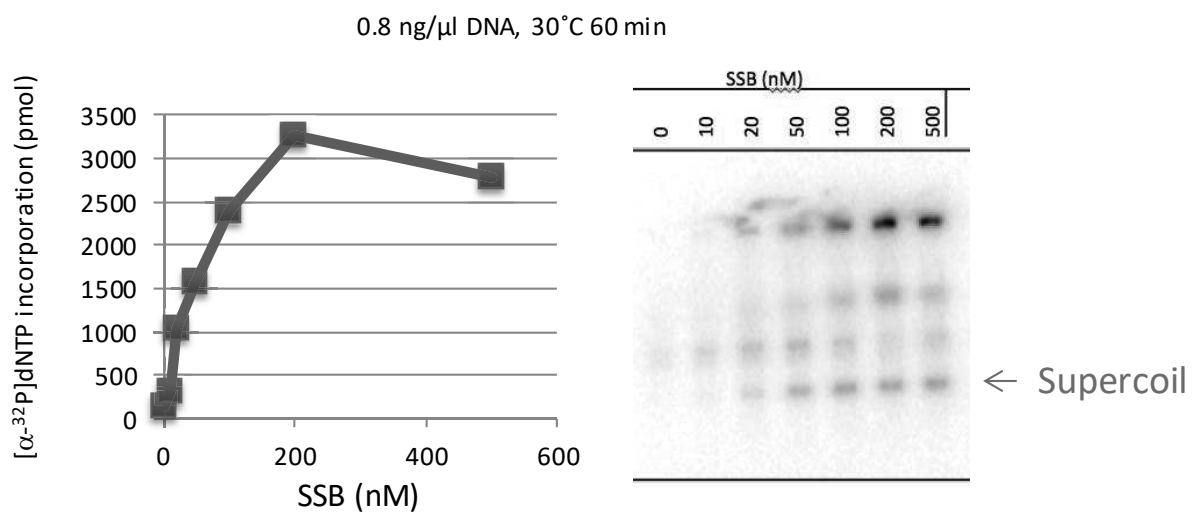


Figure 23

Condition M

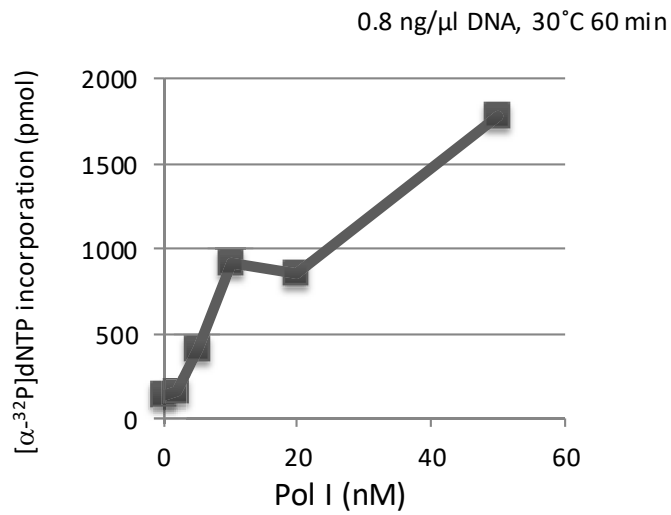


Figure 24

Condition N

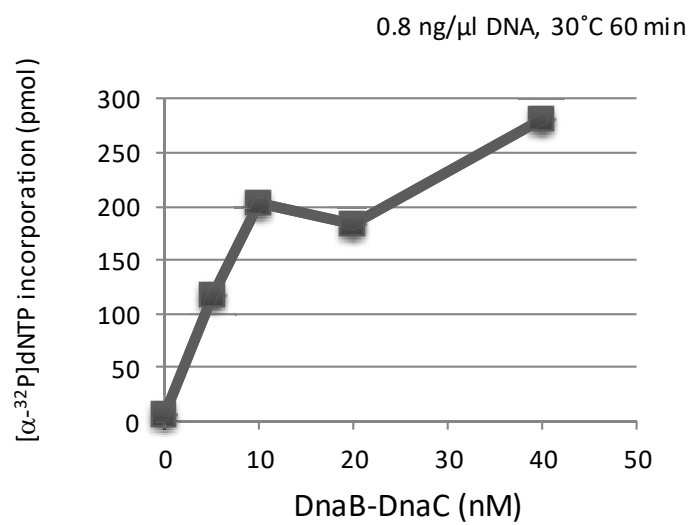


Figure 25

Condition O

0.8 ng/ μ l DNA, 30°C 60 min

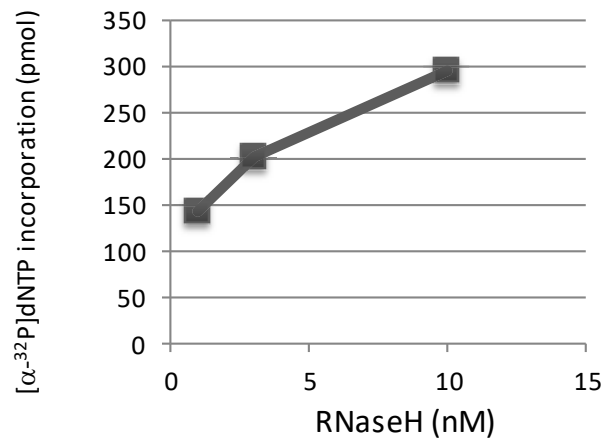


Figure 26

Condition P

Reaction temperature: 30°C

Template miniChr [Synthetic amount/
template amount]

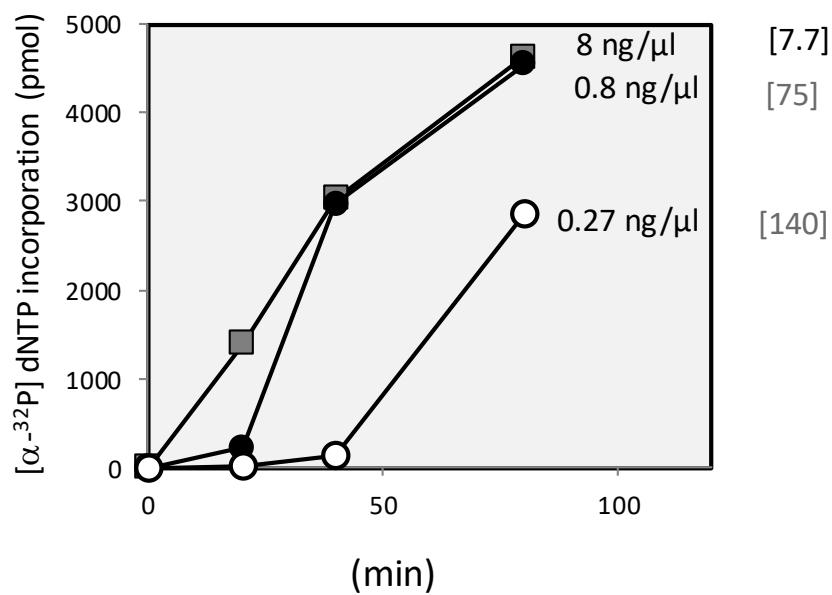


Figure 27

Condition Q

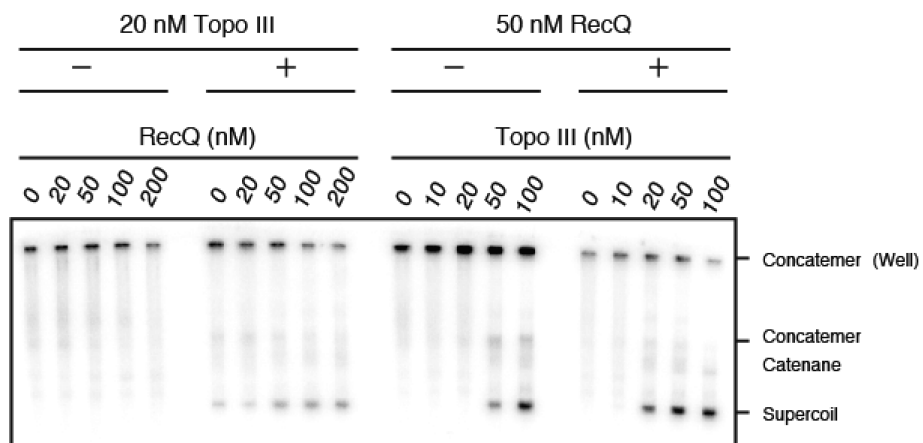
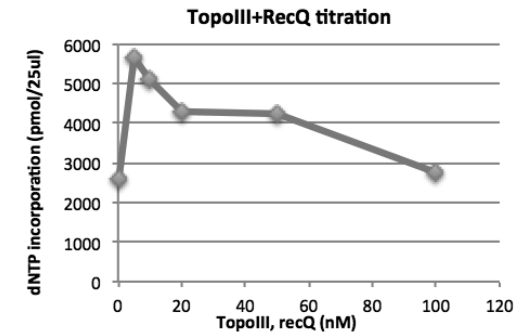
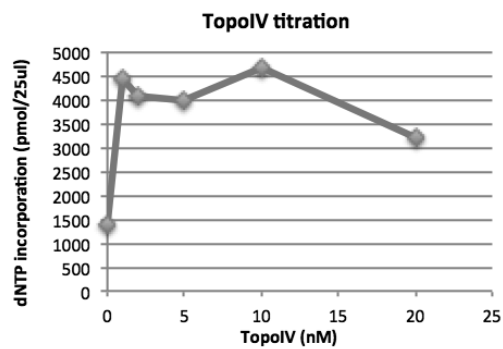
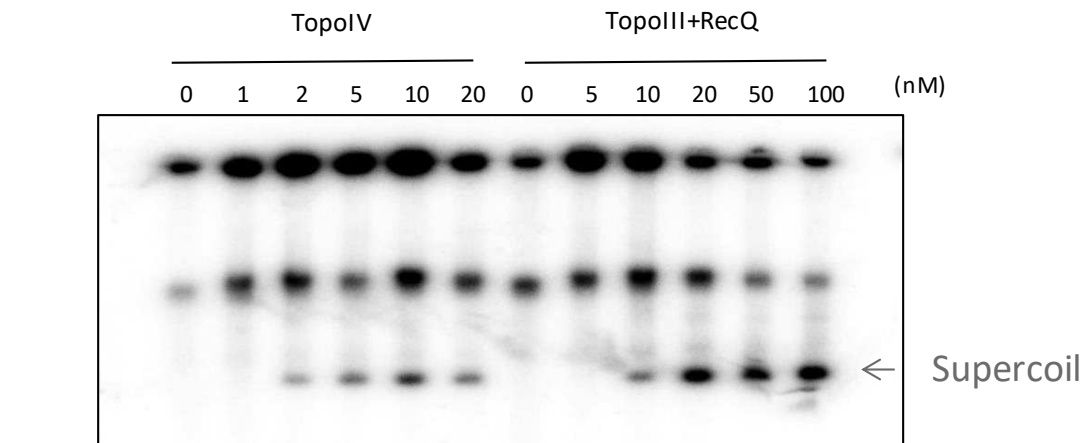
0.8 ng/ μ l DNA, 30°C 60min

Figure 28

Condition R

0.8 ng/ μ l DNA, 30°C 60min

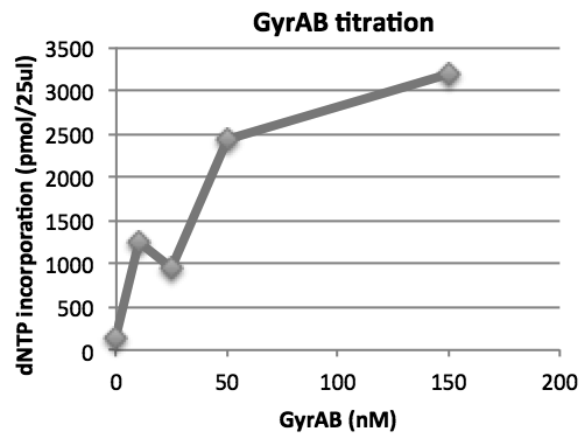


Figure 29

Condition S

80 kb DNA (8 ng/ μ l), 30°C 120min

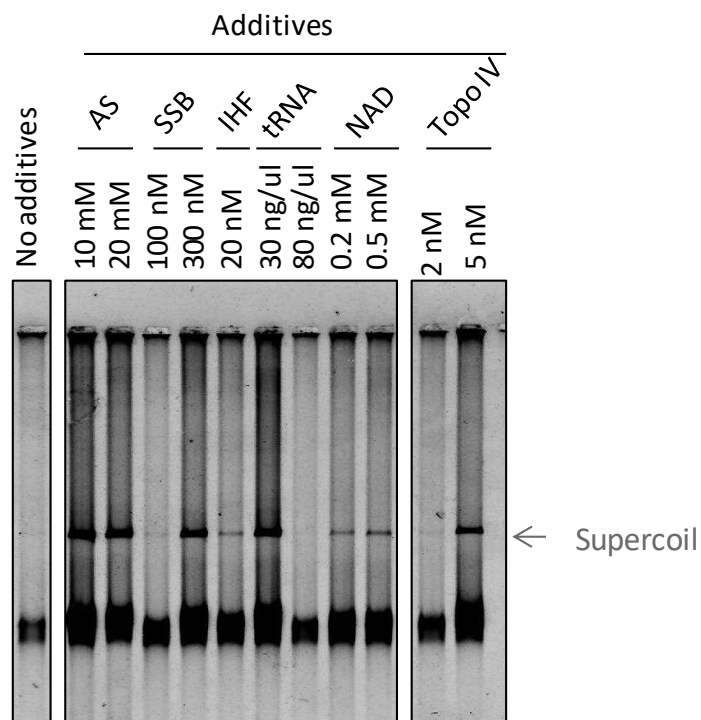


Figure 30

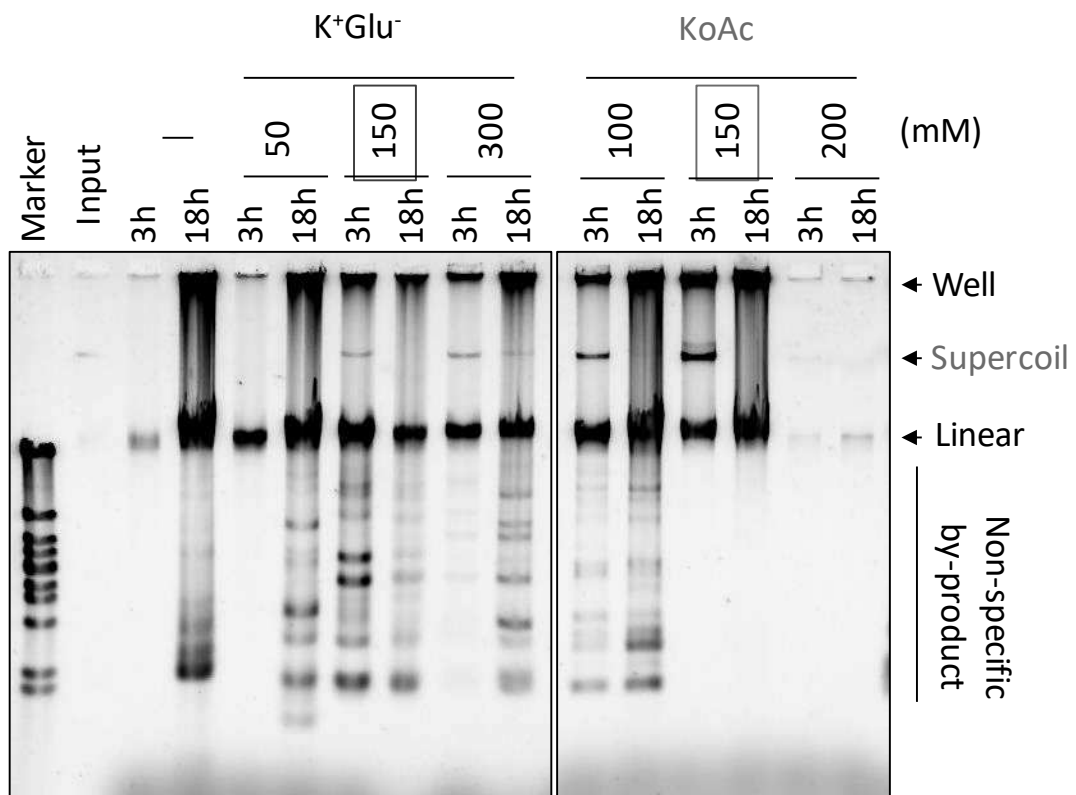


Figure 31

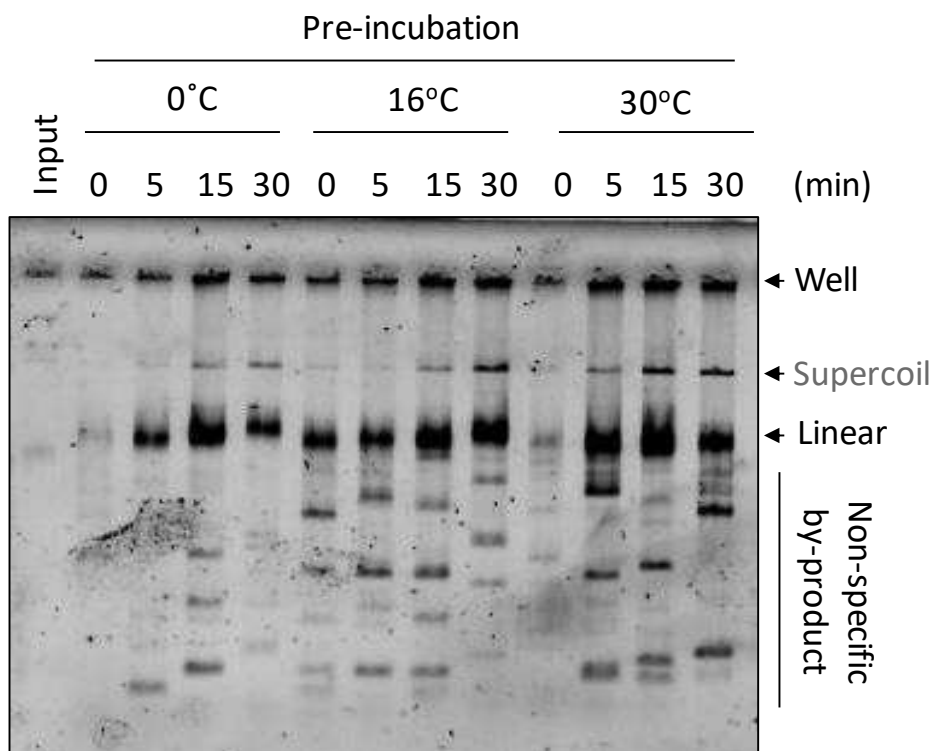


Figure 32

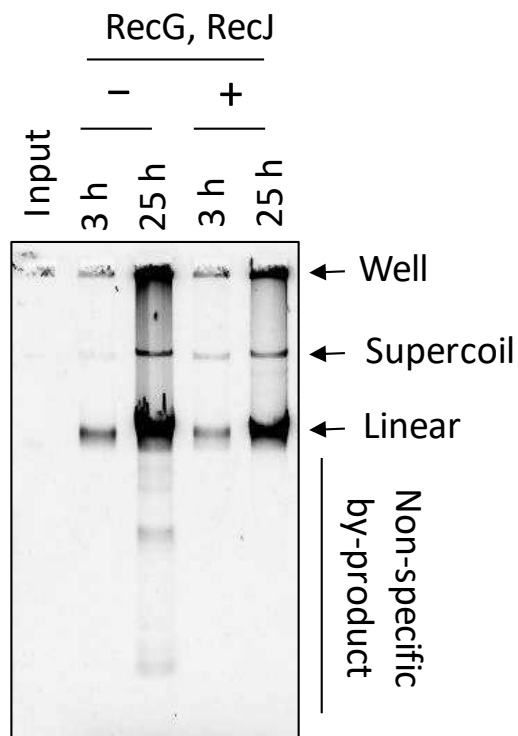


Figure 33

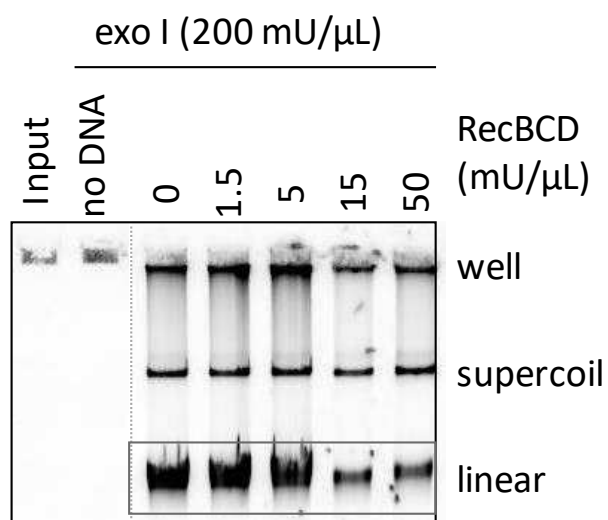


Figure 34

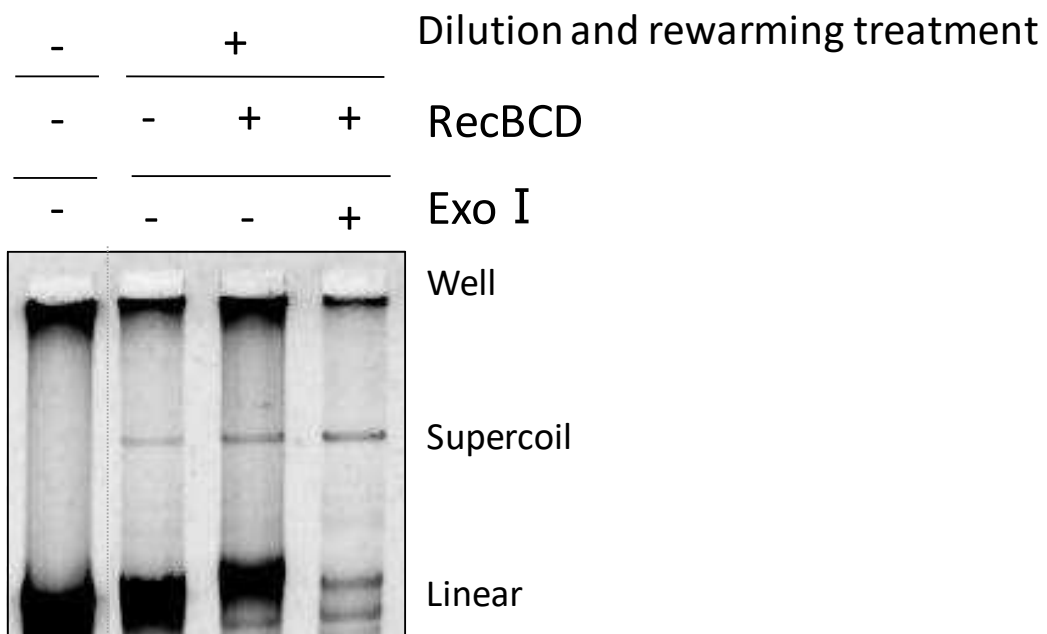


Figure 35

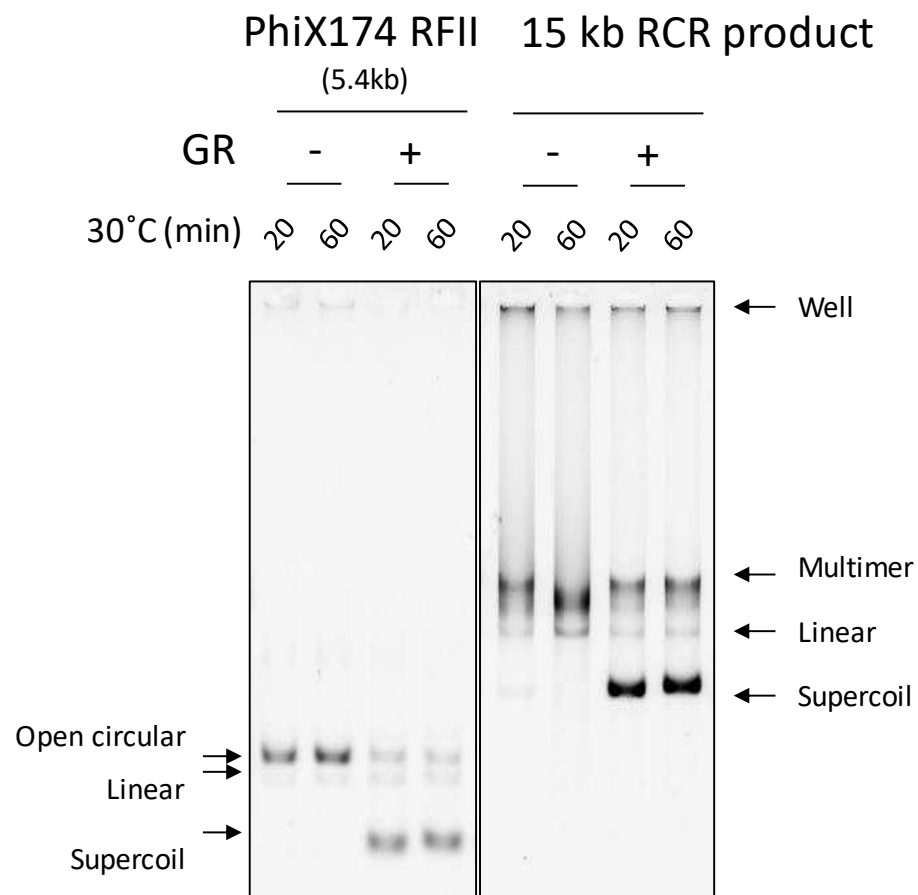


Figure 36

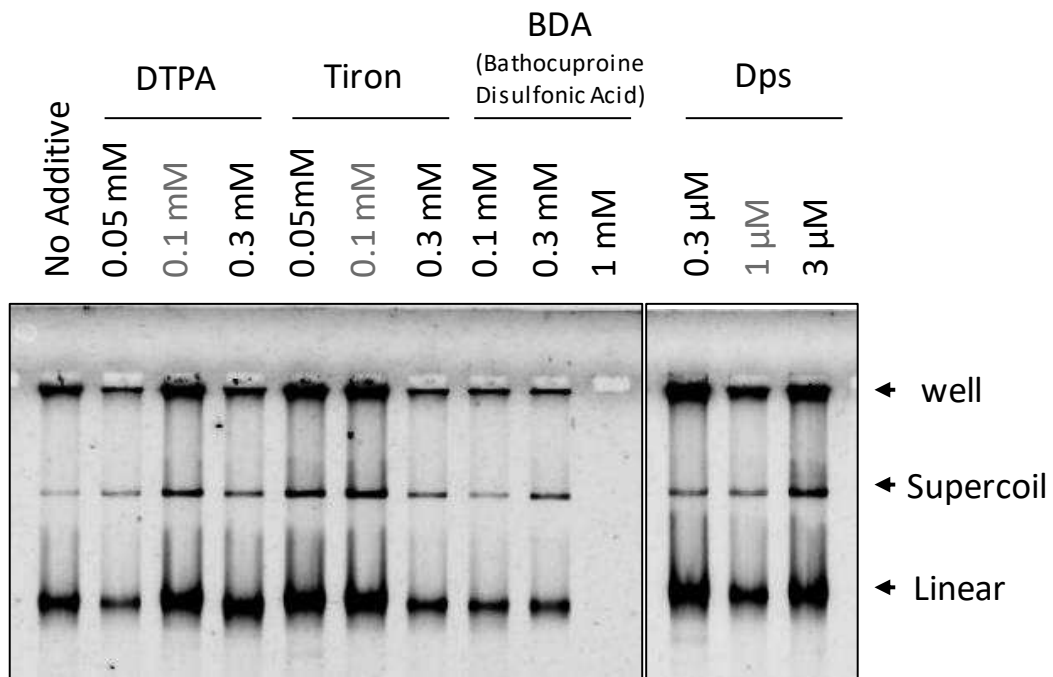


Figure 37

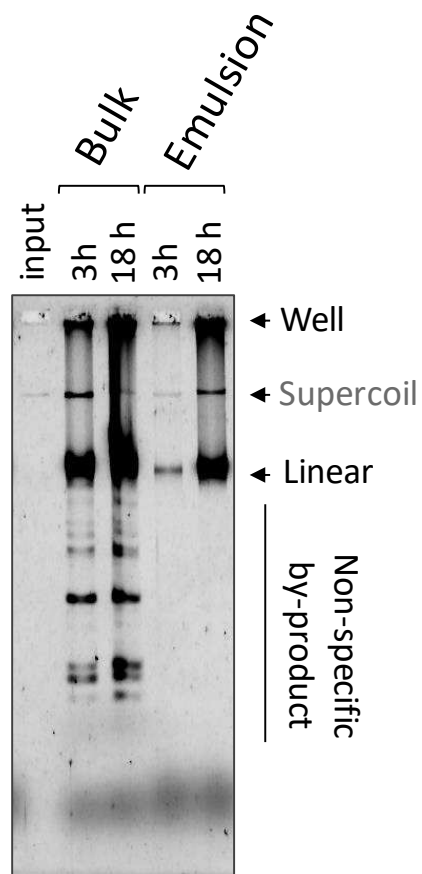


Figure 38

2-Step cycle

37°C, 1 min
 16 or 24°C, 30 min

× 40 cycle

2-Step cycle

