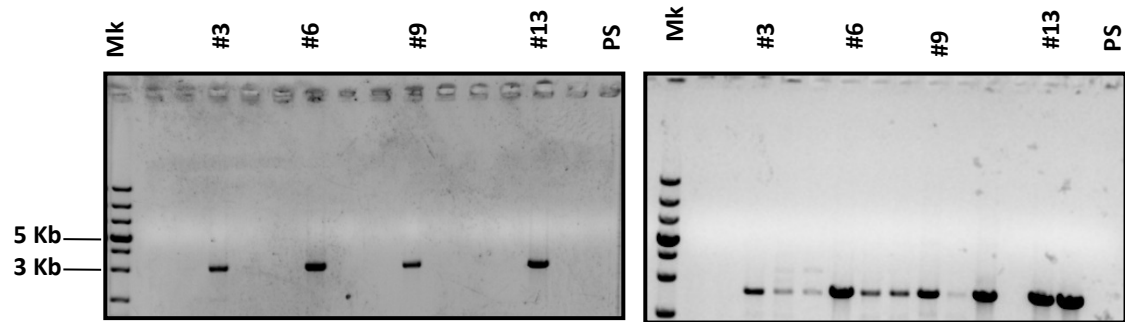
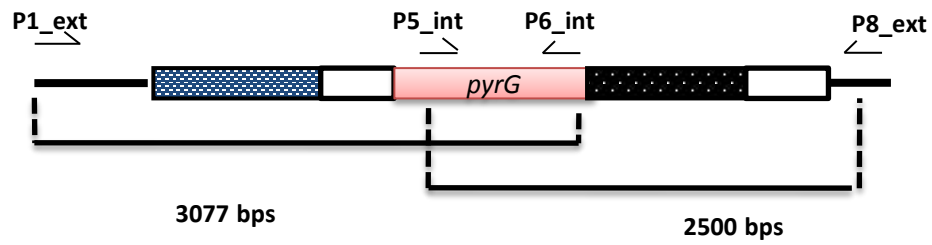
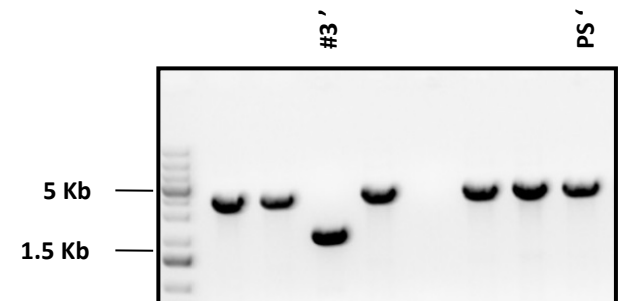
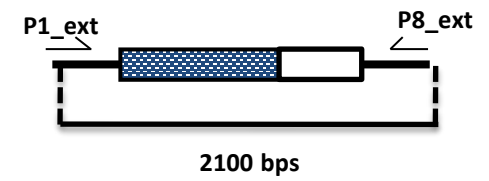


A*ΔkusA pyrG⁺*

P1_ext and P6_int

P5_int and P8_ext

B*ΔkusA ΔpyrG*

P1_ext and P8_ext

C

MM + Uridine

CM + Uridine

NRRL2270
*ΔpyrG*NRRL2270
*ΔkusAΔpyrG*NRRL2270
*ΔpyrG*NRRL2270
ΔkusAΔpyrG