

Morphogen-defined patterning of *Escherichia coli* enabled by an externally tunable band-pass filter

Supplementary Information

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Table S1. *E. coli* strains

Strain ^a	Plasmid 1 ^b	Plasmid 2 ^b	Plasmid 3 ^c	Ref.
RH01	pTS1	pDIMC8-P99bla	-	[1]
RH05	pTS1	pDIMC8-MBP	-	[1]
RH06	pTS1	pDIMC8-TEM1bla	-	[1]
RH32	pTS1	pDIMC8-TEM1bla	pBAD-Fluor-eYFP	this work
RH37	pTS1	pDIMC8-P99bla	pBAD-Fluor-RFPec	this work
RH42	pTS1	pDIMC8-MBP	pBAD-Fluor-eCFP	this work

^a All strains are derived from SNO301(*ampD1*, *ampA1*, *ampC8*, *pyrB*, *recA*, *rpsL*)

^b Plasmids described in Figure 1a and reference [1].

^c Plasmids described in Figure 3b.

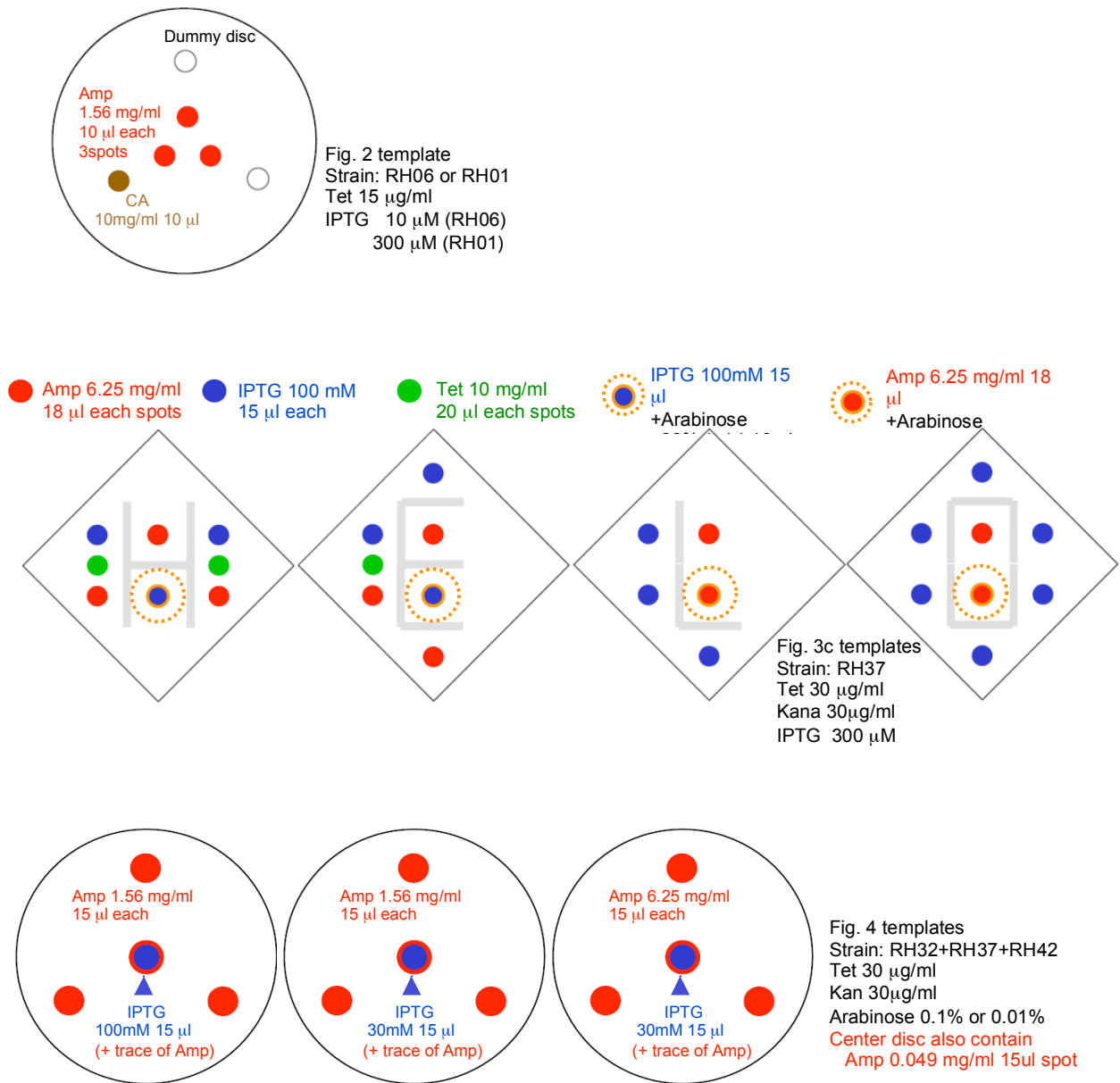


Figure S1. Templates for plate growth patterns. All plates contained 100 µg/ml Sm and 50 µg/ml Cm.

References

1. Sohka T, Heins RA, Phelan RM, Greisler JM, Townsend CA, Ostermeier M; **An externally-tunable bacterial band-pass filter for enzymatic activity.** *Proc Natl Acad Sci USA* 2009, **106**:10135-10140.