

Table S2. Growth-rate-independent parameters

Parameter	Symbol	Value	Notes and references
Length of mRNA operon, nt	$L_m$	3,000	see <i>SI Methods</i>
Length of rRNA operon, nt	$L_r$	6,500	Includes all tRNA genes; see <i>SI Methods</i>
Number of nonspecific binding sites per genome	$g$	$4.6 \times 10^6$	From EcoCyc (9)
Dissociation constant for nonspecific binding, $\mu\text{M}$	$K_{ns}$	3,100	From fit of model to minicell data; see <i>SI Methods</i>
RNAP maturation time, min	$\tau$	3.4	From fit of model to minicell data; see <i>SI Methods</i>