

Table S1

Protein	YPet fusion/terminus	Generation time/ min ^a	Replication assay ^b	Mean copies ^c delocalized in cytoplasm ^d /molecules (SD)	Stoichiometry ^e per localized focus/molecules (SD)
DnaB	C	121	FC	300 (210)	6 (2)
α (DnaE)	C	119	FC	80 (50)	3(1)
β (DnaN)	N	119	FC	600 (360)	6 (2)
ϵ (DnaQ)	C	111	FC	270(160)	3 (1)
τ (DnaX)	C	119	FC	130(90)	3 (1)
τ (<i>dnaX</i> $\tilde{\gamma}$) ^f	C	117	ND	180(140)	4 (1)
δ (HolA)	C	117	FC	160(110)	1 (1)
χ (HolC)	C	121	FC	140(160)	4 (2)
ψ (HolD)	C	103	FC	220(130)	4 (2)
Ssb	C	117	FC	1320(420)	32 (12)

^a Generation time of the wt strain AB1157 in M9-Gly at 37°C was 111 min. In all strains the generation time in LB was 31-32 min.

^b fig. s2, s10. FC, flow cytometry. ND, not determined

^c Rounded to nearest 10 molecules

^d Determined using total fluorescence intensity in cells

^e Rounded to nearest non-zero integer molecule

^f Strain produces τ only, unlike the strain above that produces comparable amounts of γ and τ