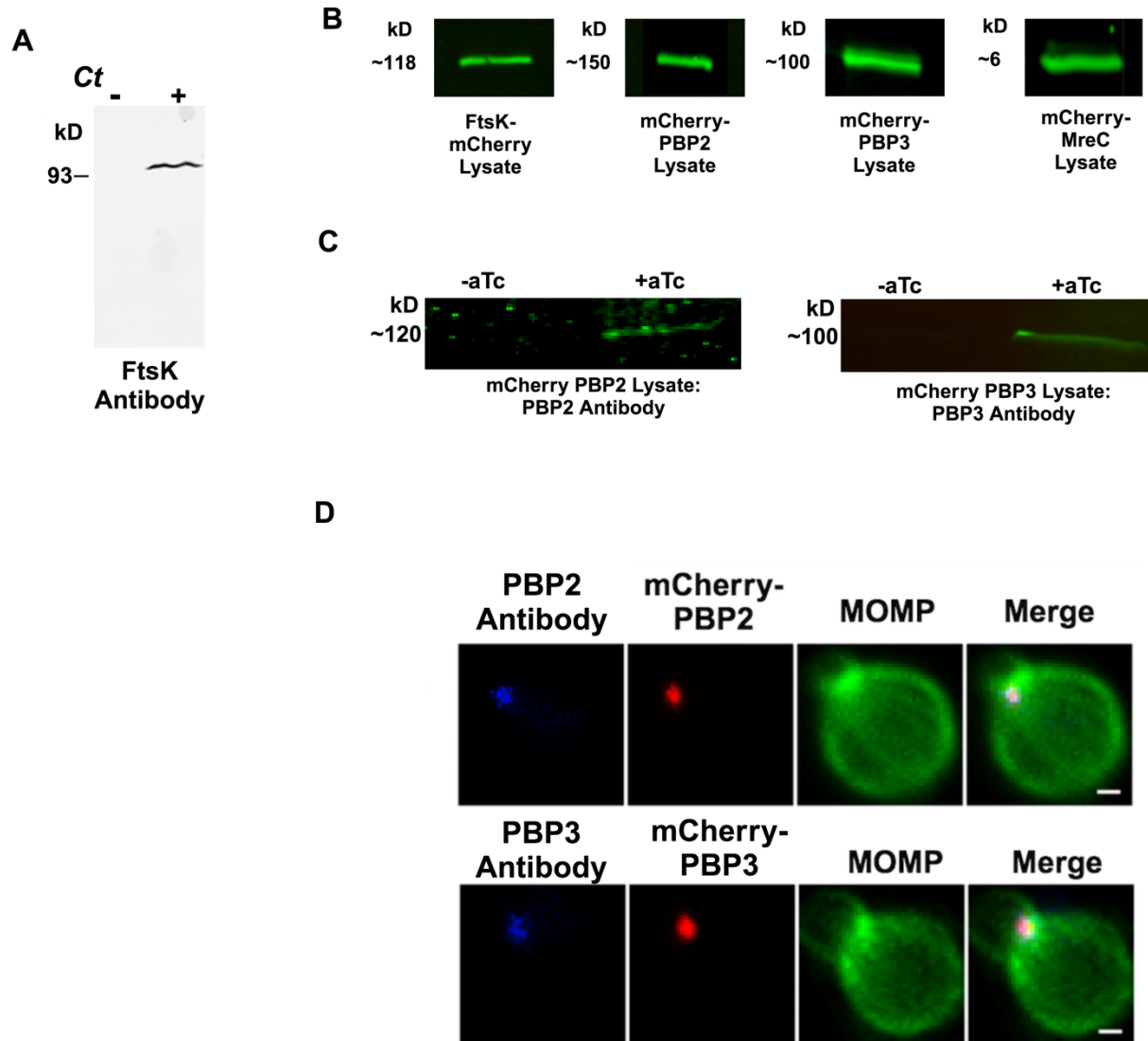


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831 **Supplemental Figure 1**

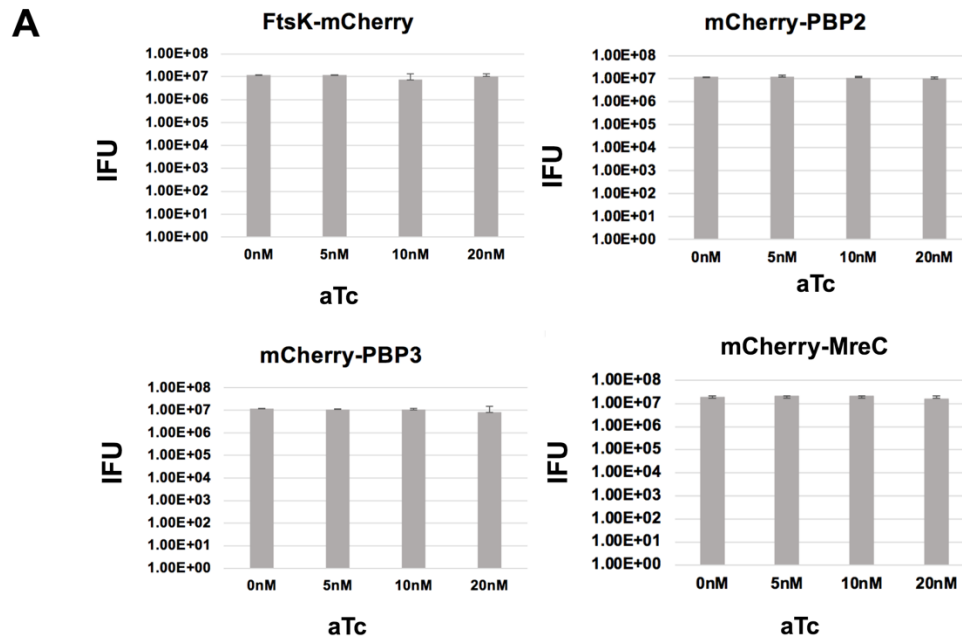


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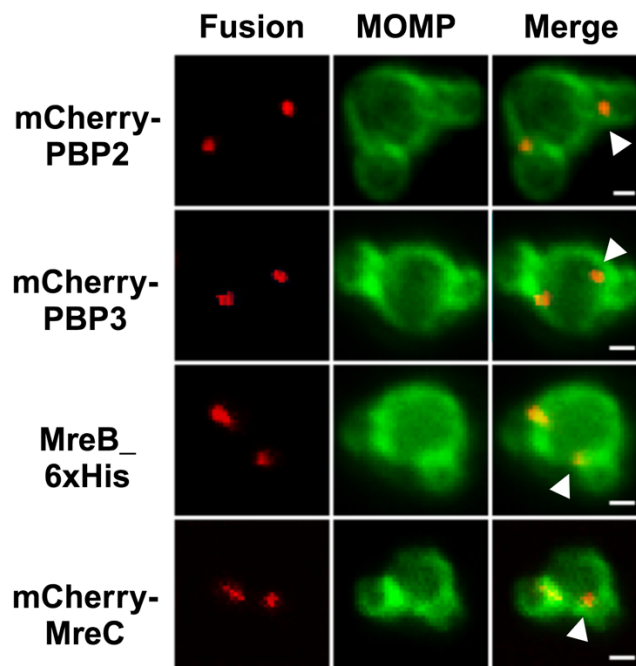
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835 Supplemental Figure 2



B

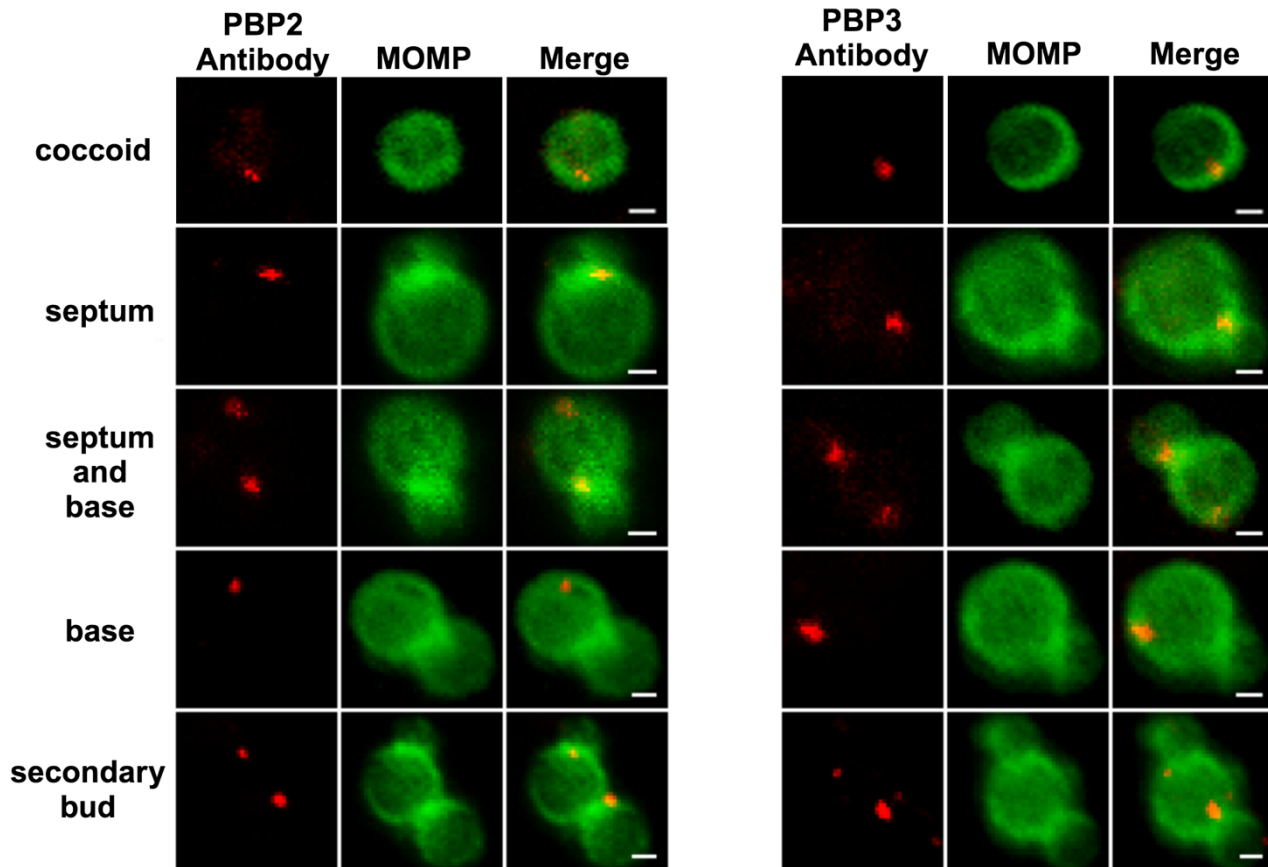


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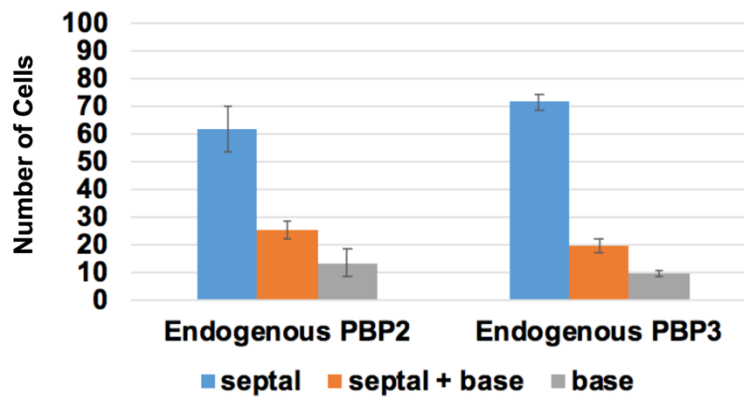
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838 Supplemental Figure 3

A

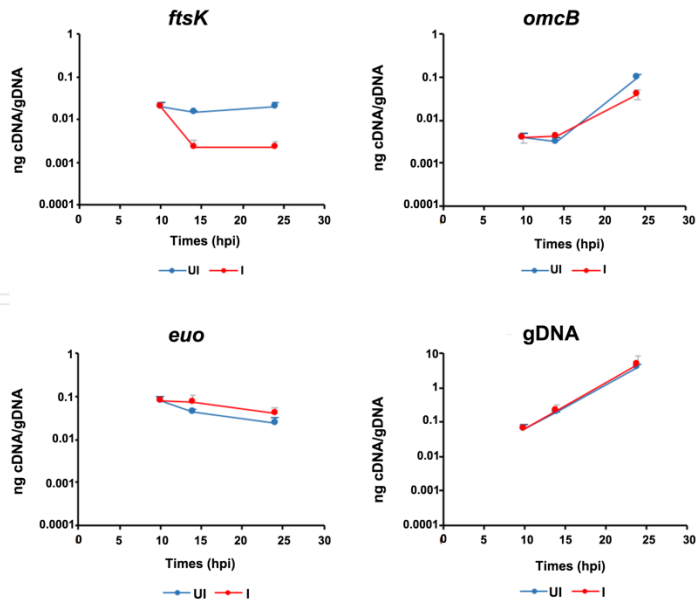


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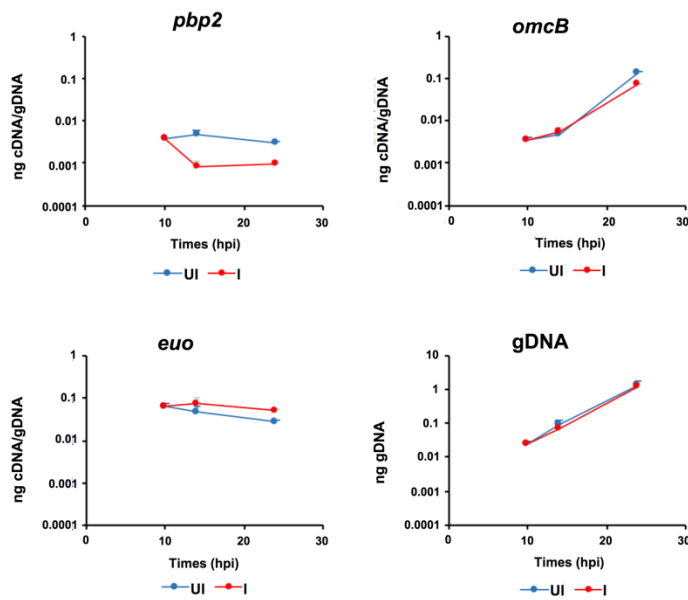


839 Supplemental Figure 4

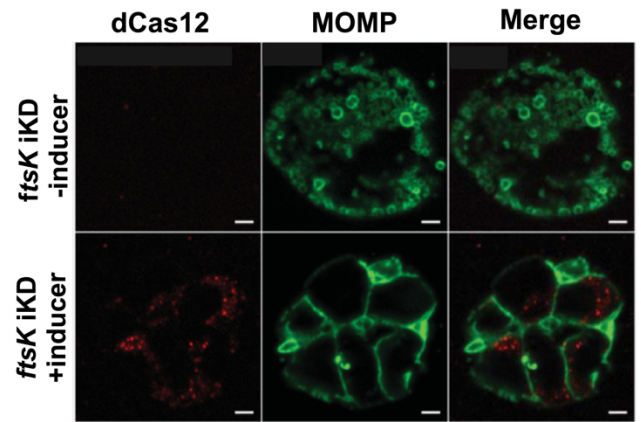
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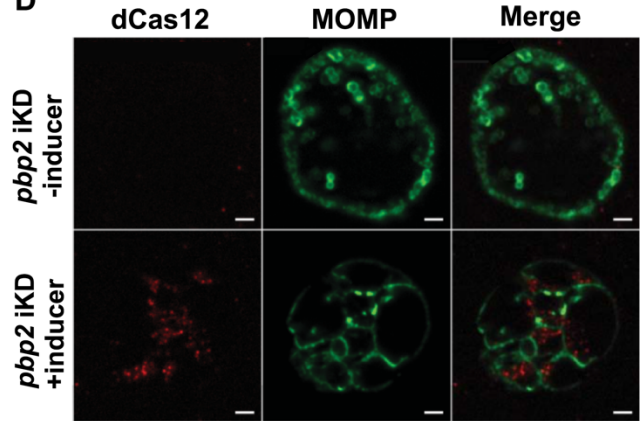
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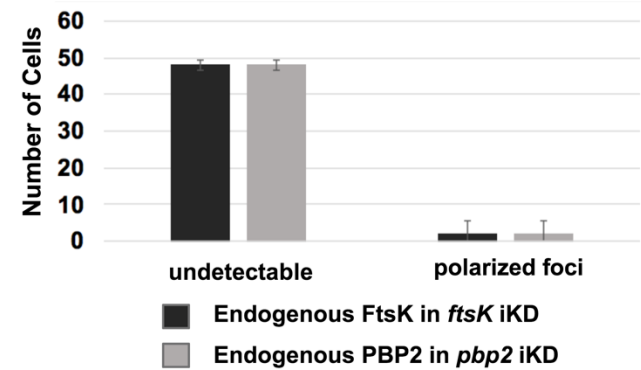
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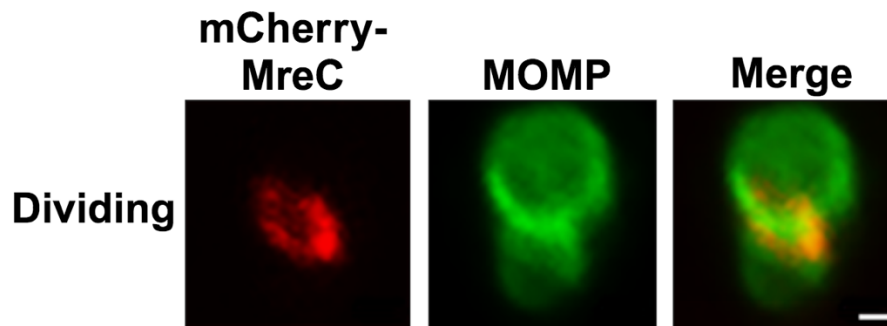


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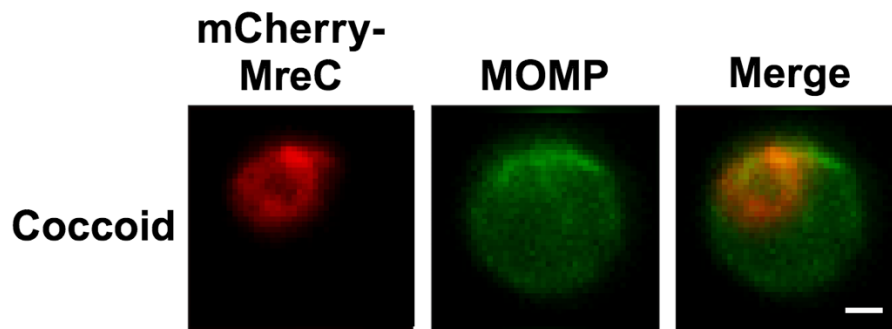
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842 **Supplemental Figure 5**

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847 **Supplemental Table 1**

Primer Name	Primer Sequence (5'-3')	GC content (%)	TM (°C)
FtsK_mCherry (fwd)	AGAGGAGAAAGGATCTGCGGCCGCATGGGAAAAGAACGGAAGAAAGCAAG	52	72.8
FtsK_mCherry (rvs)	CCCTTAGAGACCATTGCGGCCGCATCGTCCTGATTTGATAATTGGACTAGTATTTGAC	47	72.4
mCherry_PBP2 (fwd)	ATGGTCTCTAAGGGCGAGGAAGAC	54	59.1
mCherry_PBP2 (rvs)	ATGGTCGACCGGTACCCTTAGCTGAAAGATTTTTACGAATCTCTTCCCATTCTCTATC	41	70.2
mCherry_PBP3 (fwd)	ATGGTCTCTAAGGGCGAGGAAGAC	54	59.1
mCherry_PBP3 (rvs)	ATGGTCGACCGGTACCCTATTTGCGATTCCATTCTCATATAGCAG	48	69.9
mCherry_MreC (fwd)	ATGGTCTCTAAGGGCGAGGAAGAC	54	59.1
mCherry_MreC (rvs)	ATGGTCGACCGGTACCCTACTCCCAAATCAAACCAAAAATATCAGGACG	47	70.4
Plasmid	pBOMB4-tet		

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858 Supplemental Table 2

Primer Name	Primer Sequence (5'-3')	GC content (%)	T_M (°C)
ftsK (fwd)	CGACTCCAAGTTCCTCTTCTTC	39.1	55.2
ftsK (rvs)	GATCCAGTGGTTCCTGCAATA	47.6	54.6
pbp2 (fwd)	TAACACTGACGCGGAACATAG	47.6	55.1
pbp2 (rvs)	CCGAAAGCATGAGCAGATAGA	47.6	54.8
omcB (fwd)	CGGTAGGATCTCCCTATCCTATT	47.8	54.4
omcB (rvs)	CGAACTCTGCTTCACATGGTA	47.6	55
euo (fwd)	CGAAGACTACTCGTTGGGAAATA	43.5	54.7
euo (rvs)	AACAGAAGCTCTCCTTGATAAGT	39.1	53.8

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