TABLE S1. Forward and reverse primer sequences designed and used in this study[a]

Plasmid Name *gene name*	Forward Primer (5' - 3')	Reverse Primer (5' - 3')
pUC8N-mCherry *mCherry*	tagcaggtacc**tag**cacgacaggtttcccgact	tatagcaaagcttatcacgaggccctttcgtc
pSK-KanaRpsL *kanR*	tatagcaggcctgtatggcgtgaagcgtccta	tatagcaaagcttcggtcatttcgaaccccaga

[a] Restriction cut sites are underlined (*mCherry* forward: KpnI, and reverse: HindIII, *kanR* forward: StuI, and reverse: HindIII. *mCherry* forward stop codon is in bold, necessary for preventing run-through translation of *egfp*.

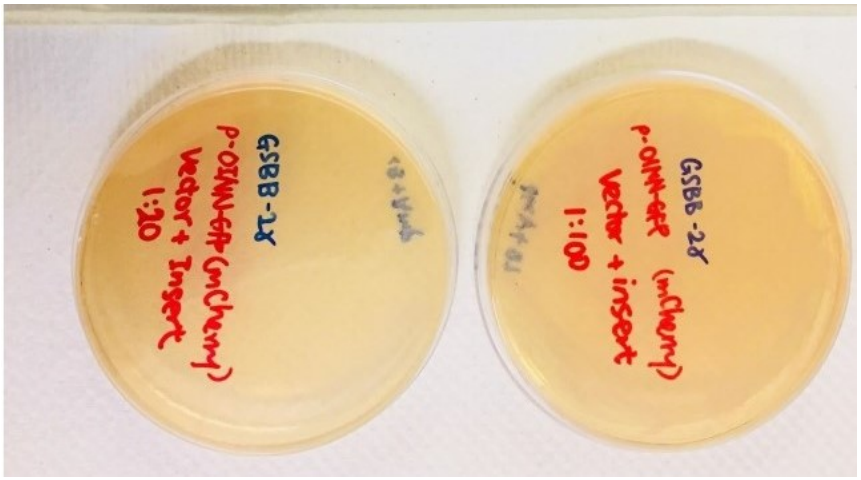

Fig. S1. Visible *mCherry* expression by pGSBB transformed *E. coli* BL21 DE3 on LB-Ampicillin (100ug/mL) plates supplemented with IPTG and X-gal. Red *E. coli* BL21 growth observed when plated at 1:20 (left) and 1:100 (right)