

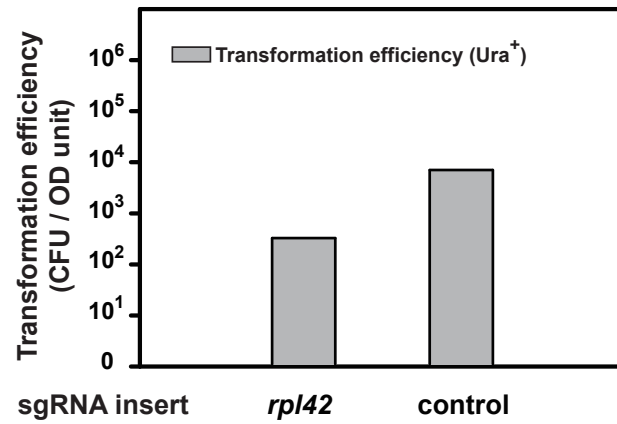
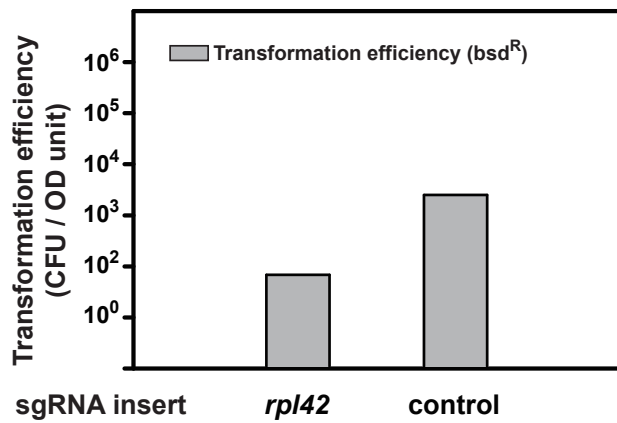
A**B**

Figure S1. A donor-free transformation using a gene-targeting sgRNA insert resulted in a substantially lower transformation efficiency than a control transformation using a control sgRNA insert.

A. Quantitation of the transformation efficiencies of a representative experiment using the split-*ura4* system. 30 ng of the gapped plasmid and 200 ng of the *rpl42* sgRNA insert or the control insert were used. Transformation efficiencies were expressed as colony forming units (CFU) per OD600 unit of cells.

B. Quantitation of the transformation efficiencies of a representative experiment using the split-*bsdMX* system. 30 ng of the gapped plasmid and 200 ng of the *rpl42* sgRNA insert or the control insert were used.