

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: scRNA spacer sequences

File Name: Supplementary Data 2

Description: *E. coli* expression plasmids

Sequences of output plasmids plus the scRNA library plasmid are also provided as separate GenBank files.

File Name: Supplementary Data 3

Description: scRNA library truncation levels

File Name: Supplementary Data 4

Description: GenBank-formatted full sequences for select plasmids in this work, with annotations of genetic elements. All library-format output plasmids are included, as well as an example library plasmid.