

Description of Additional Supplementary Files:

Supplementary Dataset 1: contains inputs for sLCRs designed using LSD. The individual identifiers are specified in the “Tab 1 - Table of Contents” and in each tab.

Supplementary Dataset 2: contains processed sequencing data associated to the CRISPR activation screens reported in Figure 6. The individual information are specified in the “Tab 1 - Table of Contents” and in each tab.