



**Supplementary information, Figure S4** Tunable gene activation can be achieved by titration of sgRNA.

(A) Schematic of CRISPR-on-mediated transgene activation with titration of sgRNA in HEK293T/TetO::tdTomato cells. (B) Fold changes of mean fluorescence of tdTomato under the control of TetO promoter. Cells were transfected with dCas9 activator and indicated amount of sgTetO and mean fluorescence measured by FACS were analyzed 2 days later. NT, not transfected; C, negative control sgRNA.