



Supplementary information, Figure S5 dCas9VP48 with 6 sgRNAs failed to activate the IL1RN gene.

(A) Schematic of the human IL1RN promoter region. Locations of transcription start site (TSS) and start codon (ATG) are indicated. Short lines with number indicate locations of sgRNAs. (B) Activation of human IL1RN expression in HEK293T cells by dCas9VP48/sgRNAs. Cells were transfected with dCas9VP48 and six sgRNAs and 2 days later were analyzed by qRT-PCR. sgTetO-mut, negative control sgRNA. Error bars show SD among triplicates.