

FIG S1 Scheme of sgRNA transcription and pairing for ICE. The template DNA for transcription of sgRNA is obtained from annealing and extension of two overlapping primers named sgRNAx/S and sgRNA/A. The transcription product is used for the following Cas9-mediated digestion. T7 promoter sequence is presented in green and the guide sequence is shown in red. The three-stem loops is indicated in blue, in which the partial sequence in primer (sgRNAx/S) is the overlapping region with primer (sgRNA/A). PAM sequence is highlighted in yellow. The vertical bidirectional arrow indicates the Cas9 cleavage site.