

Title: Supplementary Data 1.

Description: List of the enzymes used and their corresponding genes. Table includes information on the source organism, gene sequence, and accession number.

Title: Supplementary Data 2.

Description: List of the DNA target sequences for the toehold switches used in experiments. When transcribed into RNA, these sequences act as triggers for their respective toehold switch.

Title: Supplementary Data 3.

Description: List of the novel toehold switches used in this study. The name of the toehold switch is provided along with the gene it targets and its sequence.

Title: Supplementary Data 4.

Description: List of the PCR primers used to amplify DNA encoding toehold switches. The amplicon sequence is given along with the sequences of the forward and reverse primers.

Title: Supplementary Data 5.

Description: List of NASBA primers used to amplify target RNAs. Sequences are given for forward and reverse primers