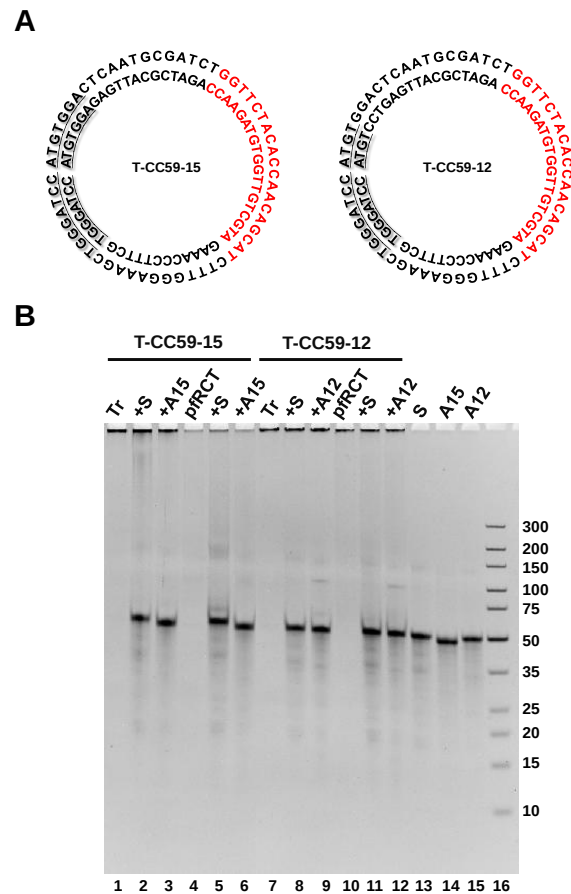


Supplemental_figure_S9



pfRCT without Helper DNA for small-sized (59 bp) dsDNA templates. A) The sequences of 59-bp dsDNA templates with a bubble (continuous mismatch, the underlined part) of 15 bp (T-CC59-15) or 12 bp (T-CC59-12). The red part codes siRNA-SLC2A9 (used for the treatment of gout, can reduce the expression of GLUT9 protein) (Matsuo et al. 2008), the outer of which codes sense strand, and the inner codes antisense strand. B) The 10% PAGE analysis of the products. Lanes 1, 4, 7 and 10: transcription products using the template of T-CC59-15 and T-CC59-12; Lanes 2–3, 5–6, 8–9 and 11–12: the hybridization results of transcription products with 59-nt single-stranded DNA (“S” refers to short ssDNA with sense sequence; “A15”/“A12” refers to short ssDNA with antisense sequences of T-CC59-15 and T-CC59-12, respectively). Exact conditions are listed in Methods; Lanes 13–16: size markers.

Matsuo H, Chiba T, Nagamori S, Nakayama A, Domoto H, Phetdee K, Wiriyasermkul P, Kikuchi Y, Oda T, Nishiyama J, et al. 2008. Mutations in glucose transporter 9 gene SLC2A9 cause renal hypouricemia. *Am J Hum Genet* **83**: 744–775. doi:10.1016/j.ajhg.2008.11.001