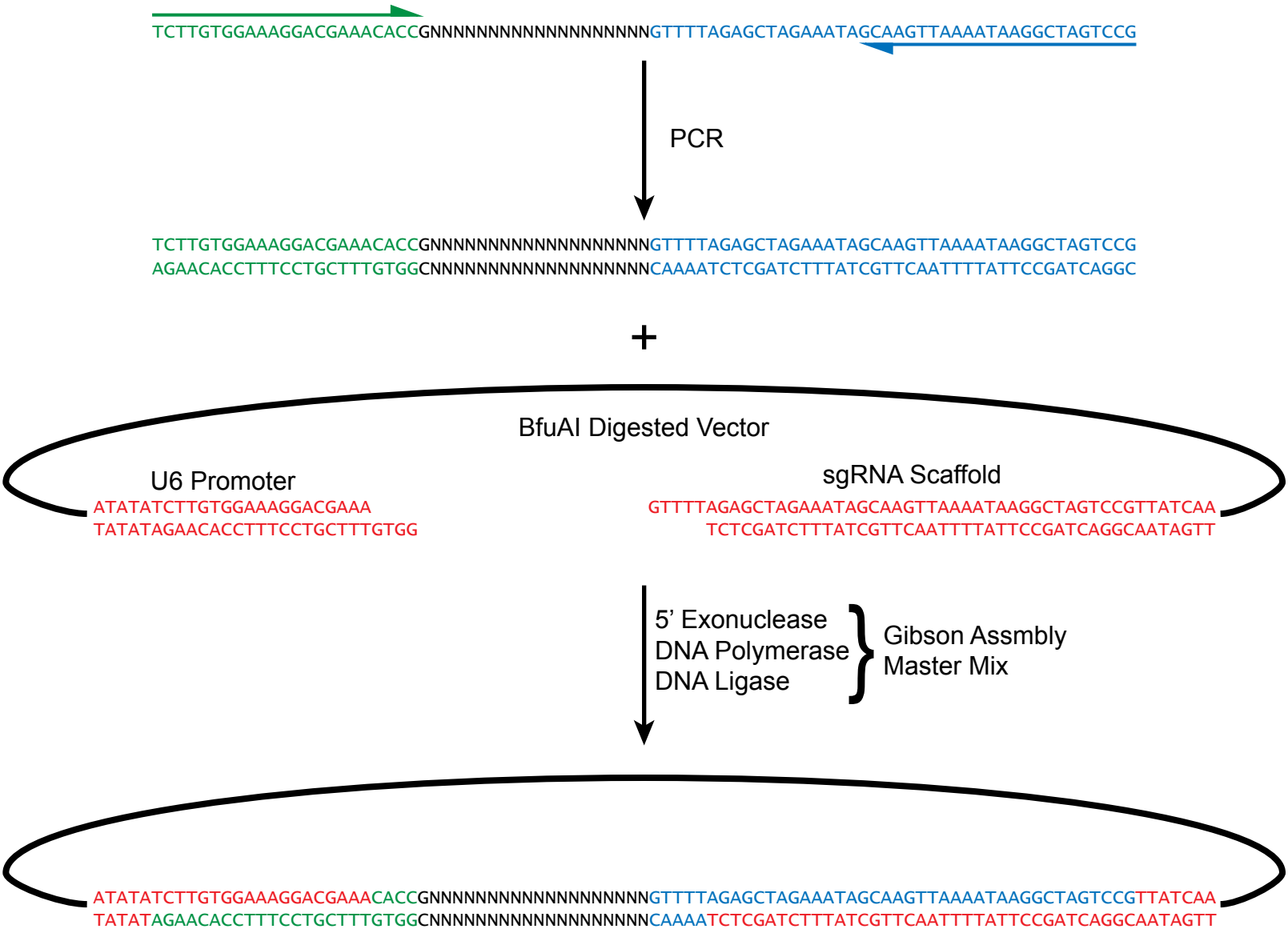

FIGURE S1. Diagram of Gibson assembly. The plate synthesized sgRNA oligos are PCR amplified using primers which bind to the adaptor sequences. The PCR amplified dsDNA and BfuAI digested pLX-sgRNA-BfuAI-2k vector were combined and the Gibson assembly reaction performed. This inserts the sgRNA targeting sequence between the U6 primer and sgRNA scaffold.