

Table S4: Sequences of Oligonucleotides Used as HDR Donor Templates and for Cloning sgRNA Expression Vectors

Template Name	Sequence (5' to 3')
sgRNA #1 Forward	CACCGAGAACGATTTGAAGCACCAG
sgRNA #1 Reverse	AAACCTGGTGCTTCAAATCGTTCTC
sgRNA #1 HDR Donor	CAGAGAAGTTGTGGTTTTGCTGACACCTGGTTATTTCTTTCTAG CTTCCAGATGGACGTATCATTAAGGTTGGAGGAGAAGGATTTG AAGCACCAGAA <u>AG</u> CCTTATTTTCAGCCTCATTGATCAATGTCGAG GGGGTTGGTGTGCTGAACTGCTTTTTAAC
sgRNA #2 Forward	CACCGTCCAGATGGACGTATCATTA
sgRNA #2 Reverse	AAACTAATGATACGTCCATCTGGAC
sgRNA #2 HDR Donor	CAGAGAAGTTGTGGTTTTGCTGACACCTGGTTATTTCTTTCTAG CTTCCAGATGGACGTATCATTA <u>AG</u> GTTGGAGGAGAAGGATTTG AAGCACCAGAGGCTTATTTTCAGCCTCATTGATCAATGTCGAG GGGGTTGGTGTGCTGAACTGCTTTTTAAC

Changes in template are underlined