

SUPPLEMENTAL TABLE 2

sgRNA	Target Sequence
sgRNA 1	GCAGCGCGCTCCAGACAAGAT <u>TGG</u>
sgRNA 2	GGGGACTGTGAGGACCCGAAC <u>CGG</u>
sgRNA 3	GTGCGGAGTCTAGAGCCGAG <u>CGG</u>
sgRNA 4	CAAGATGGCGCGGCCGGTCC <u>GGG</u>
sgRNA 5	GTCTGGAGACGAGCGAGCGT <u>GGG</u>
sgRNA 6	TCTGTCACTTGGGGATGGAG <u>CGG</u>
sgRNA 7	GCTTTTGCTTCGGCTGGAGCC <u>CGG</u>
sgRNA 8	CTCGGCTCTAGACTCCGCAC <u>CGG</u>
sgRNA 9	GAAGTCCGCCGATTCGGGCA <u>AGG</u>
sgRNA 10	GAGCGCAAAGCCGTAGACCT <u>CGG</u>
sgRNA 11	TTGTTCGGCTGCGAGGTCGG <u>CGG</u>
sgRNA 12	ATCCAACGTGGGCCAGCAGG <u>CGG</u>
sgRNA 13	CCCACCCAAGGTGTGAAGGG <u>CGG</u>
sgRNA 14	ACGCCCTCTGCGTCAAGAAG <u>GGG</u>

**PAM sequence is underlined*