

Supplemental Table 1

Original (WT):

CTTCAACAAGAATCGGAGAACAGTGCTGAACTGGACGATATCCGTGGTCGCTTCA
GACTCGCAACAAGAGCTCGAGTATATTGTCAACGATATGAGAGACCGTCTTTCCGA
GGAAGAACAG

Template (sb139):

CTTCAACAAGAATCGGAGAACAGTGCTGAACTGGACGATATCCGTGGTCGCTTCAG
ACTCTAAACAAGAGCTCGAGTATATTGTCAACGATATGAGAGACCGTCTTTCCGAGG
AAGAACAG

gRNA-1: ACTGGACGATATCCGTGGT CGG

gRNA-2: GACAATATACTCGAGCTCT TGG

>nmy1sgRNA1fwd

gACTGGACGATATCCGTGGTgtttaagagctatgctgg

>nmy1sgRNA1rev

ACCACGGATATCGTCCAGTcaagacatctcgcaataggagg

>nmy1sgRNA2fwd

gGACAATATACTCGAGCTCTgtttaagagctatgctgg

>nmy1sgRNA2rev

AGAGCTCGAGTATATTGTCcaagacatctcgcaataggagg

>oJW1787

ATTGTGTTTCGTTGAGTGACCC

>oJW1790

AAAAATAGGCGTATCACGAGG