

Name	Sequence
CAP For	5'-CATGGGAAAGGTGCCAGACG-3'
CAP Rev	5'-CGCAGAGACCAAAGTTCAACTGA-3'
7mer For	5'-GGAGGGCTAGCA(NNK) ₇ GCTAGCAAAGCGGGGGGAGAGTGAGG-3'
7mer Rev	5'-CCTCACTCTCCCCCGCT-3'
Loop1 Rev	5'- AATTTGTTTGTAGAGGTGGTTGTTGTAGGTGGG-3'
Loop1 For	5'- AACAACCACCTCTACAAACAAATTTCCNNKNNKNNKNNKNNKNNKNN KNNKGACAATCACTACTTTGGCTACAGCACCC-3'
Loop2 Rev	5'- CAAGTAATACAGGTACTGGTCGATGAGAGG-3'
Loop2 For	5'- CGACCAGTACCTGTATTACTTGNNKNNKACTNKNKNNKNNKRGCGGTNN KNNKNNKNNKNNKNNKCTTCWATTCTCTNNKNNKGGASCTNNKNNKA TRMGCNNKCAGTCTAGGAACTGGCTTCCTGGACCC-3'
Loop3 Rev	5'- CTTCCCAAAGATGAGAACCCCGCTCTGAGG-3'
Loop3 For	5'- GGGGTTCTCATCTTTGGGAAGNNKNNKDCNTNNKNNKNNKACNNKNN KMTTNNKNNKGTGATGATTACAGACGAAGAGG-3'
Loop4 Rev	5'- CTGGAGGTTGGTAGATACAGAACCATACTGCTCCG-3'
Loop4 For	5'- GGTTCTGTATCTACCAACCTCCAGNNKNNKNNKNNKNNKNSCTNNKNNK NNKNNKGTGAACNNKCAAGGCGTTCTTCCAGGCATGG-3'

Supplemental Table 2. Oligonucleotide sequences used to construct libraries.