Supplementary Table 1 — Primers for INSeq

Primer Name	Primer Sequence
BioSamA (HPLC purified)	5’-Bio-TEG-CAAGCAGAAGACGGCATACGAAGACC-3’
M12_top	5'-CTGTCCGTTCCGACTACCCTCCCGAC-3'
M12_bot	5’-GTCGGGAGGGTAGTCGGAACGGACAG-3’
LIB_PCR_5	5’-CAAGCAGAAGACGGCATACGAAGACCGGGGACTTATCATCCAACCTGT-3’
LIB_PCR_3	5’-AATGATACGGCGACCACCGAACACTCTTTCCCTACACGACGCTCTTCCGATCT-3’
LIB_AdaptT_A	5’-TTCCCTACACGACGCTCTTCCGATCT**TTTT**NN-3’
LIB_AdaptT_B	5’-TTCCCTACACGACGCTCTTCCGATCT**ACCA**NN-3’
LIB_AdaptT_C	5’-TTCCCTACACGACGCTCTTCCGATCT**ACGT**NN-3’
LIB_AdaptT_D	5’-TTCCCTACACGACGCTCTTCCGATCT**AGGA**NN-3’
LIB_AdaptT_E	5’-TTCCCTACACGACGCTCTTCCGATCT**AGTC**NN-3’
LIB_AdaptT_F	5’-TTCCCTACACGACGCTCTTCCGATCT**ATCG**NN-3’
LIB_AdaptT_H	5’-TTCCCTACACGACGCTCTTCCGATCT**CATG**NN-3’
LIB_AdaptT_I	5’-TTCCCTACACGACGCTCTTCCGATCT**CCAA**NN-3’
LIB_AdaptT_J	5’-TTCCCTACACGACGCTCTTCCGATCT**CCCC**NN-3’
LIB_AdaptT_K	5’-TTCCCTACACGACGCTCTTCCGATCT**CGAT**NN-3’
LIB_AdaptT_O	5’-TTCCCTACACGACGCTCTTCCGATCT**GCTA**NN-3’
LIB_AdaptT_P	5’-TTCCCTACACGACGCTCTTCCGATCT**GGAA**NN-3’
LIB_AdaptT_Q	5’-TTCCCTACACGACGCTCTTCCGATCT**GGGG**NN-3’
LIB_AdaptT_R	5’-TTCCCTACACGACGCTCTTCCGATCT**GTAC**NN-3’
LIB_AdaptT_S	5’-TTCCCTACACGACGCTCTTCCGATCT**GTCA**NN-3’
LIB_AdaptT_U	5’-TTCCCTACACGACGCTCTTCCGATCT**TATA**NN-3’
LIB_AdaptT_V	5’-TTCCCTACACGACGCTCTTCCGATCT**TCAG**NN-3’
LIB_AdaptT_W	5’-TTCCCTACACGACGCTCTTCCGATCT**TCGA**NN-3’
LIB_AdaptT_Y	5’-TTCCCTACACGACGCTCTTCCGATCT**TTAA**NN-3’
LIB_AdaptT_Z	5’-TTCCCTACACGACGCTCTTCCGATCT**AAAA**NN-3’
LIB_AdaptT_AA	5’-TTCCCTACACGACGCTCTTCCGATCT**GAAG**NN-3’
LIB_AdaptT_CC	5’-TTCCCTACACGACGCTCTTCCGATCT**CCTT**NN-3’
LIB_AdaptT_DD	5’-TTCCCTACACGACGCTCTTCCGATCT**AACC**NN-3’
LIB_AdaptT_EE	5’-TTCCCTACACGACGCTCTTCCGATCT**TTGG**NN-3’
LIB_AdaptB_A	5’-**AAAA**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_B	5’-**TGGT**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_C	5’-**ACGT**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_D	5’-**TCCT**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_E	5’-**GACT**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_F	5’-**CGAT**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_H	5’-**CATG**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_I	5’-**TTGG**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_J	5’-**GGGG**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_K	5’-**ATCG**AGATCGGAAGAGCGTCGTGTAGGGAA-3’
LIB_AdaptB_O	5’-**TAGC**AGATCGGAAGAGCGTCGTGTAGGGAA-3’

LIB_AdaptB_P	5'-**TTCC**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_Q	5'-**CCCC**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_R	5'-**GTAC**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_S	5'-**TGAC**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_U	5'-**TATA**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_V	5'-**CTGA**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_W	5'-**TCGA**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_Y	5'-**TTAA**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_Z	5'-**TTTT**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_AA	5'-**CTTC**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_CC	5'-**AAGG**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_DD	5'-**GGTT**AGATCGGAAGAGCGTCGTGTAGGGAA-3'
LIB_AdaptB_EE	5'-**CCAA**AGATCGGAAGAGCGTCGTGTAGGGAA-3'