

Table S1. Adapters used for construction of *EcoT22I* library. The adapters comprised a set of 48 different barcode-containing adapters (A and B) and a “common” adapter.

Barcode-containing adapters:					
A	5' -ACACTCTTTCCCTACACGACGCTCTTCCGATCTxxxxTGCA				
B	5' -yyyyAGATCGGAAGAGCGTCGTGTAGGGAAAGAGTGT				
Barcodes “xxxx”:					
TGACGCCA	CAGATA	GAAGTG	TAGCGGAT	TATTTCGCAT	ATAGAT
CCGAACA	GGAAGACAT	GGCTTA	AACGCACATT	GAGCGACAT	CCTTGCCATT
GGTATA	TCTTGG	GGTGT	GGATA	CTAAGCA	ATTAT
GCGCTCA	ACTGCGAT	TTCGTT	ATATAA	TGGCAACAGA	CTCGTCG
GCCTACCT	CACCA	AATTAG	GGAACGA	ACAACCT	ACTGCT
CGTGGACAGT	TGGCACAGA	TGCTT	GCAAGCCAT	CGCACCAATT	CTCGCGG
AACTGG	ATGAGCAA	CTTGA	GCGTCCT	ACCAGGA	CCACTCA
TCACGGAAG	TATCA	TAGCCAA	ATATCGCCA	CTCTA	GGTGCACATT
Common adapters:					
C	5' -AGATCGGAAGAGCGGTTCAGCAGGAATGCCGAG				
D	5' -CTCGGCATTCCTGCTGAACCGCTCTTCCGATCTTGCA				