Supplementary Figure 2

CF-DNA Bisulfite treatment

Purification

Single sample/ Multiple primer in one BSP reaction

BSP primer1
BSP primer2
BSP primer3
BSP primer4
BSP primer...

Bisulfite treated CF-DNA from sample1
Bisulfite treated CF-DNA from sample2

Purification

Illumina Hiseq2500 Adapter

BSP product

Hiseq2500 oligo
Barcode#1
Barcode#2
Barcode#3

Ligation

Hiseq2500 oligo
Barcode#1
Barcode#2
Barcode#3

Amplification

Hiseq2500 oligo
Barcode#1
Barcode#2
Barcode#3

Mixed into a pool and NGS