

First author(s)	Title	Date	Single enzymes checked	Double enzymes checked	Size ranges interrogated	Genomic regions targeted	Organism(s)	Read lengths tested	For sequencing	Code available
Cedar H	Direct detection of methylated cytosine in DNA by use of the restriction enzyme MspI	1979	YES	NO	NA	NA	<i>Neurospora crassa</i> , herpes virus, fly, bovine	NA	N	N
Yu L	A NotI–EcoRV promoter library for studies of genetic and epigenetic alterations in mouse models of human malignancies	2004	YES	YES	NA	CpG islands, protein-coding genes	Human (hg16), mouse (mm4)	NA	Y	N
Wang J and Xia Y	Double restriction-enzyme digestion improves the coverage and accuracy of genome-wide CpG methylation profiling by reduced representation bisulfite sequencing	2013	YES	YES	2	Increase CpG coverage genome-wide	Human (hg18), mouse(mm9)	50 bp PE, 90 bp PE	Y	N
Bystrykh L	A combinatorial approach to the restriction of a mouse genome	2013	YES	YES	NA	NA	Mouse (mm10)	NA	N	N
Martinez-Arguelles DB	In silico analysis identifies novel restriction enzyme combinations that expand reduced representation bisulfite sequencing CpG coverage	2014	YES	YES	1	Increase CpG coverage genome-wide	Human (hg38), mouse (mm10), rat (NCBI build 4.2)	50 bp PE	Y	N
Lee YK and Jin S	Improved reduced representation bisulfite sequencing for epigenomic profiling of clinical samples	2014	YES	YES	1	Increase CpG coverage genome-wide	Human (hg19)	36 bp PE	Y	N
Kirschner SA	Focussing reduced representation CpG sequencing through judicious restriction enzyme choice	2016	YES	YES	2	Increase CpG coverage genome-wide	Mouse (mm10)	NA	Y	N
Tanas AS	Rapid and affordable genome-wide bisulfite DNA sequencing by Xmal-reduced representation bisulfite sequencing	2017	YES	NO	1	CpG islands	Human (hg19)	NA	Y	N
Martin-Herranz DE and Stubbs TM	cuRRBS	2017	YES	YES	Defined by the user	Defined by the user	Defined by the user	Defined by the user	Y	Y