

Table S3. Comparison of theoretical resolution and size of detected alterations in whole genome amplified single cell aCGH experiments

WGA method	Analysis method	Theoretical resolution	Detected Aberration ⁺	Reference
GenomiPhi DNA Amplification Kit	4k BAC array	~820 kb [*]	34.0 Mb	Le Caignec <i>et al.</i> 2006 [43]
GenomePlex® Single Cell Whole Genome Amplification Kit	32k full-tiling BAC array	tiling	8.3 Mb	Fiegler <i>et al.</i> 2007 [34]
Adapter-linker-/MSE-PCR	3k BAC array	1 Mb [§]	4.4-5.0 Mb	Fuhrmann <i>et al.</i> 2008 [20]
GenomePlex® Single Cell Whole Genome Amplification Kit	2.1M whole Genome tiling array (NimbleGen)	~5 kb [*]	2.6-3.0 Mb	Geigl <i>et al.</i> 2009 [35]
GenomiPhi DNA Amplification Kit	244k oligonucleotide array (Agilent)	9 kb [*]	n.s.	Cheng <i>et al.</i> 2011 [26]
GenomePlex® Single Cell Whole Genome Amplification Kit	244k oligonucleotide array (Agilent)	9 kb [*]	2.0-3.0 Mb	Mathiesen <i>et al.</i> 2011 [44]
GenomePlex® Single Cell Whole Genome Amplification Kit	1 Mb BAC/PAC array	1 Mb [§]	3.3 Mb	Hjortland <i>et al.</i> 2011 [45]
PicoPlex single cell WGA kit	44k oligonucleotide array (Agilent)	43 kb [*]	1.2 Mb	Bi <i>et al.</i> 2012 [32]
GenomiPhi DNA Amplification Kit	3k BAC array (BluGnome)	1 Mb [§]	n.s.	Konings <i>et al.</i> 2012 [46]
GenomePlex® Single Cell Whole Genome Amplification Kit	NGS - massively parallel sequencing (Illumina)	54 kb [§]	n.s.	Navin <i>et al.</i> 2011 [38]

^{*}according to manufacturer`s information or [§]author`s information (resolution might be lower due to certain analytical algorithms used in the experiments), ⁺as described in the publication, n.s. = not specified.