

Supplemental Table 1. Overview of WGP results on a range of plant genomes with respect to size and complexity.

Species	Melon	Tomato	<i>Brassica napus</i>	Lettuce
Parameter				
Genome size (Mbp)	450	950	1,200	2,600
nr. BACs tested	47,616	92,160	112,986	264,960
genome equivalents BACs tested	13.2	10.9	11.8	12.7
WGP tag length (incl. <i>EcoRI</i> site)	26	26	30	31
Input for FPC				
nr. tagged BACs	39,195	66,084	95,160	237,703
% tagged BACs (= nr. tagged BACs / nr. BACs tested)	82	72	84	90
nr. unique tags	117,238	261,913	175,844	570,755
average nr. tags / BAC	26	33	22	25
Output FPC high stringency				
nr. contigs	1,085	2,521	3,069	13,617
nr. singletons	9,213	13,467	29,867	72,372
nr. BACs in contig	29,982	52,617	65,293	165,331
% tested BACs in contig (= nr. BACs in contig / nr. BACs tested)	63%	57%	58%	62%
% tagged BACs in contig (= nr. BACs in contig / nr. BACs tagged)	76%	80%	69%	70%
N50 BACs / contig	54	26	41	23
N50 contig size (Mbp)	0.546	0.563	0.585	0.390
estimated genome coverage map (Mbp)	375	953	1,180	4,053
estimated % genome coverage	83%	100%	98%	156%