Supplemental Table S13. Effect of the MHAP memory parameter (ovlMemory) in the assemblies.

Assembly #	Organism	Method *	Server †	ovlMemory (Gb)	Contig number	Largest contig	Total length	N50
1	*C. elegans*	M	UFSCAR	96	160	5285002	104521767	2119841
2	*C. elegans*	M	UNESP	96	153	5285097	104406091	2119842
3	*C. elegans*	M	UNESP	86	159	5320507	104403953	2121435
4	*C. elegans*	M	UNESP	69	149	5390271	104224810	2344558
5	*C. elegans*	LH	UNESP	96	108	7255917	103011910	2689324
6	*C. elegans*	LH	UNESP	86	98	5611921	102755304	2344003
7	*C. elegans*	LH	UNESP	69	103	7245259	102859975	2585760
8	*Arabidopsis*	M	UFRJ	56	605	16102301 ‡	132736962	9130071
9	*Arabidopsis*	M	UFSCAR	56	605	16102203 ‡	132736662	9130072
10	*Arabidopsis*	M	UNESP	56	604	16137445 ‡	132723470	9130069
11	*Arabidopsis*	M	UNESP	96	727	15819010	134467725	9063252
12	*Arabidopsis*	M	UFSCAR	96	727	15819004	134469351	9063257

* "M", standard MHAP; "LH", MHAP with low and high frequency *k*-mer masking.

† UFSCAR: 24 cores and 128 Gb RAM; UNESP: 144 cores and 1Tb RAM; UFRJ: 24 cores and 64 Gb RAM.

‡ Contains a gross misassembly: a quimeric contig containing sequences from chromosomes 3 and 5 (Supplemental Fig. S7; Supplemental Results).