

Supplementary Table 10. The statistics of repeat contents in the watercress genome

Type	RepBase TEs		TE Proteins		De novo		Combined TEs	
	Length (bp)	%in Genome	Length (bp)	% in Genome	Length (bp)	% in Genome	Length (bp)	% in Genome
DNA	1,503,038.00	0.45	1,910,135.00	0.57	5,256,634.00	1.58	6,023,896.00	1.78
LINE	254,365.00	0.08	1,520,903.00	0.46	717,392.00	0.22	1,729,314.00	0.51
LTR	83,861,351.00	25.22	73,801,341.00	22.20	92,794,016.00	27.91	141,618,630.00	41.96
SINE	9,690.00	0.00	0.00	0.00	24,177.00	0.01	15,999.00	0.01
Other	3,130,998.00	0.94	131,691.00	0.04	0.00	0.00	14,148,088.00	4.19
Unknown	0.00	0.00	0.00	0.00	9,326,149.00	2.80	2,339,894.00	0.69
Total	88,759,442.00	26.69	77,364,070.00	23.27	107,833,824.00	32.43	165,875,821.00	49.15