

Table S1. Carrot root fresh weight and length at each time point

Time	203-1		207-1		'Rotin'		699-1		711-1	
	Weight	Length	Weight	Length	Weight	Length	Weight	Length	Weight	Length
	Average (g) ± SD	Average (cm) ± SD	Average (g) ± SD	Average (cm) ± SD	Average (g) ± SD	Average (cm) ± SD	Average (g) ± SD	Average (cm) ± SD	Average (g) ± SD	Average (cm) ± SD
5W	0.15 ^{c,d} ± 0.07	8.3 ^b ± 2.2	0.16 ^{c,d} ± 0.1	5.6 ^b ± 2.9	0.1 ^{c,d} ± 0.03	6 ^b ± 0.8	0.16 ^b ± 0.09	6.9 ^b ± 1.8	0.17 ^b ± 0.1	7.9 ^b ± 1.3
7W	3.4 ^{b,c} ± 1.5	14.6 ^a ± 1.9	5.7 ^{b,c} ± 3.6	18.7 ^a ± 2.7	4.6 ^{b,c} ± 2.3	15.9 ^a ± 3.3	4.1 ^{a,b} ± 2.9	16 ^a ± 5.5	4.2 ^{a,b} ± 1.5	21 ^{a,b} ± 2
9W	15.8 ^{a,b} ± 6.5	17.8 ^a ± 1.8	23.3 ^{a,b} ± 7.3	21.8 ^a ± 1.6	12.9 ^{a,b} ± 4.3	15.8 ^a ± 2.9	20.3 ^a ± 4.7	21.8 ^a ± 1.3	32.5 ^{a,b} ± 22.9	22.9 ^a ± 3.9
13W	27.1 ^a ± 10.9	16.6 ^a ± 2.6	49.2 ^a ± 13.1	22 ^a ± 2.8	32.5 ^a ± 13.4	16 ^a ± 3.1	39.9 ^a ± 24.9	19 ^a ± 4.7	51.0 ^a ± 22.4	21.2 ^a ± 3.6

Different superscript letters (a, b, c, d) indicate significant differences of at least $P < 0.05$ between time points, for weight or length, within each cultivar.