

Supplemental Table S2 FPKM and annotation of the selected genes from the transcriptome data

	ID	X-root	X-rhizome	X-bud	Length	Gene annotation
<i>GAPDH</i>	Cluster-27311.70	202.28	112.71	164.58	1241	glyceraldehyde-3-phosphate dehydrogenase 2
<i>H2A</i>	Cluster-25187.4	297.55	119.61	456.99	488	histone H2A
<i>EF-1α</i>	Cluster-134664.12	78.72	75.95	66.63	2456	Elongation factor 1-alpha C
<i>ACT</i>	Cluster-127175.0	18.60	14.07	14.11	1386	Actin
<i>TUA</i>	Cluster-34083.58	110.93	117.34	327.32	1867	tubulin alpha
<i>UBC</i>	Cluster-114224.0	679.65	1018.34	440.48	712	Ubiquitin-conjugating enzyme E2
<i>RPL</i>	Cluster-124103.0	77.98	64.08	107.15	1694	Ribosomal protein LP0
<i>PP2A</i>	Cluster-50217.11	22.10	63.44	47.15	1946	Serine/threonine protein phosphatase 2A
<i>18S</i>	Cluster-104997.2	22.30	13.87	20.65	1421	18S rRNA
<i>TUB</i>	Cluster-42369.164	49.59	24.87	135.73	778	Tubulin beta-1 chain
<i>UBQ</i>	Cluster-13365.24	111.73	140.73	91.56	2308	ubiquitin C
<i>KO</i>	Cluster-43519.6	90.72	37.26	40.14	1766	ent-kaurene oxidase
<i>KAM</i>	Cluster-121932.4	22.26	14.4	19.59	1102	ent-kaurenoic acid monooxygenase
<i>GA13-ox</i>	Cluster-50859.156	16.15	17.41	15.99	944	gibberellin 13-oxidase
<i>GA44-dio</i>	Cluster-65218.0	4.63	2.69	1.67	1386	gibberellin-44 dioxygenase
<i>ALDH7A1</i>	Cluster-34991.425	34.67	42.17	37.83	1375	aldehyde dehydrogenase family 7 member A1
<i>IPM</i>	Cluster-21187.19	132.45	163.35	110.83	2161	indole-3-pyruvate monooxygenase