	LE.	AF			ST	EM		ROOT					
С	Η	W	Т	С	Η	W	Т	С	Η	W	Т		
												Trehalose biosyr	nt
												Formate oxidation	on
												Beta-alanine bio	osyr
												Jasmonic acid bi	iosyr
												Pantothenate ar	nd Co
												Homocysteine a	ind cys
												Cytokinins-O-glu	ucoside
												Leucine biosynth	hesis
												Superpathway o	of Leu, N
												sulfate reduction	n I (assi
												sulfate activatio	n for su
												sulfate reduction	n II (assi
												Vibriobactin bio	synthesi
												Triacylglycerol d	legradati
												Flavonoid biosyr	nthesis
												Pinobanksin bio	synthesis
												Linalool biosyntl	hesis
												Leucopelargonic	din and le
												Leucodelphinidi	n biosynt
												Photosynthesis I	light reac
												Oxygenic photos	synthesis
												Calvin-Benson-B	Bassham cy
												Gluconeogenesi	s I
												Glycolysis I	
												Phosphate utiliz	ation in ce
												Phosphate acqu	isition
												Thiamine biosyn	nthesis II
												Beta-caryophylle	ene biosyn
												Superpathway o	of GA12 bio
												Ent-kaurene bio	synthesis I

Additional file 8. Enriched pathways represented in DEG. Enriched pathways across tissue and sample categories (C, control; H, heat stress; W, wild type; T, transgenic line). Blue indicates statistical significance (FDR < 0.1).