arginine catabolic process	regulation of monopolar cell growth	photosynthetic electron transport in photosystem II	cellular ion homeostasis	superoxide metabolic process	isoprenoid biosynthetic process	carbon fixation	glycogen biosynthetic process	isoleucine biosynthetic process
isopentenyl diphosphate biosynthetic process, methylerythritol 4-phosphate pathway	metabolic process	lipid metabolic process	coenzyme A metabolic process	nitrogen compound transport	aromatic amino acid family metabolic process	inositol biosynthetic process	RNA polyadenylat	n cation transport
			regulation of photoperiodism, flowering	regulation of cell cycle		cellulose microfibr organization	DNA methylatio	Mo-molybdopterin cofactor biosynthetic
spermidine biosynthetic process	sucrose metabolic process	anion transport						process
			snRNA processing	tyrosine biosynthetic process	chlorophyll catabolic process	photosynthetic electron transport chain	spindle assembly	ignin catabolic process
sterol metabolic process	photosynthesis, light reaction	spermine biosynthetic process		process				response to water
			L-phenylalanine catabolic process	xylan biosynthetic process	Golgi to plasma membrane transport	response to wounding	steroid biosynthetic process	terpenoid biosynthetic process



Supplementary Figure 2. Enriched GO categories of DEGs distribution based on the ontological domain 'Biological Process' for up-regulated genes. Colours indicate the enrichment score.