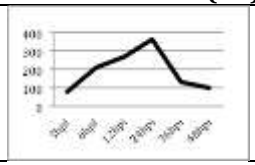
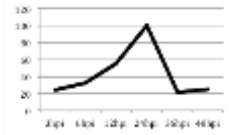
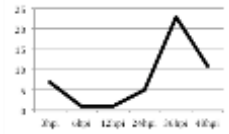
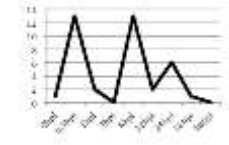
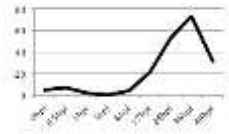
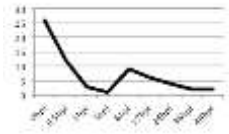
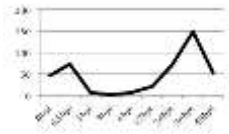
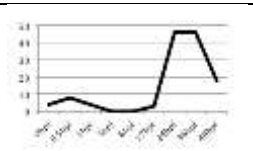
MERLIN Cluster ID	Primary Group	General description	Inflection time point (hpi)	Number of genes with ≥2 increase in *skl* relative to *skl* T=0 (G1, G2, G3) or a ≥2 fold decrease in *skl* relative to A17 (G4).	Response type	Number of genes	Regulation by (Nod Factor/ET)
227	G1, G2, G3	Contains known symbiosis-related genes. Kinases and TF genes over-represented	6-24hpi		Nod factor-induced, ET-repressed	1318	↑/↓
230	G1, G3	Genes related to DNA synthesis, development and protein synthesis/degradation	12-24hpi		Nod factor-induced, ET-repressed	745	↑/↓
207	G1, G2	Contains many genes of unknown function, regulation of transcription and development	36-48		Nod factor-induced, ET-repressed	49	↑/↓
184	G4	DUF- and LRR-receptor kinases, genes involved in biotic stress responses	0.5, 6hpi		Mix of early NF dependent and independent induction that require ET	54	-,↑/↑
217	G4	Contains pathogen-related genes, genes involved in biotic stress responses, plus many of unknown function	24-48hpi		Early NF and ET independent induction preceding later ET dependent expression.	244	-/↑
223	G4	ET receptors, ACO, and pathogen-related responses	0-0.5, 6hpi		Biphasic ET-dependent induction. Early peak is NF independent, late peak is NF dependent.	82	-,↑/↑
246	G4	Genes involved in cell wall degradation, hormone and lipid metabolism, stress responses, transport	0.5, 24-48hpi		Low basal expression in *skl*, expression declines at later timepoints. Some genes induced by NF.	528	-/↑

229	G4	Genes related to secondary metabolism, hormone and abiotic stress responses	24-36hpi		Expression declines in *skl* at later timepoints	162	-/↑
137	G4	UDP-glucosyltransferases, lipid and ABC transporters, nodulins	24-48		Expression declines in *skl* at later timepoints	54	-/↑