

**Supplemental Table III. GO enrichment and *cis* or *trans* regulation of the 42 identified modules.** All 42 distinct modules are listed with the total number of genes present in each module. The GO enrichment (if one is present) is given for each module, along with whether that module is predominantly *cis* or *trans* regulated. Only nine of the forty two module show *trans* correlation, which includes the leaf development module.

Cluster:	Total eQTLs:	GO Enrichment:	Cis/Trans Regulation:
1	66	Translation	Trans
2	111	-	Cis
3	114	(cGMP/Ubq/Sumo)	Trans
4	492	Defense/Metabolism/Signalling	Trans
5	89	Catalytic Activity	Cis
6	101	-	Cis
7	76	Xanthine	Cis
8	40	-	Cis
9	73	-	Cis
10	45	Biotic Stimulus	Trans
11	516	Photosynthesis	Trans
12	35	Flower Development	Cis/Trans
13	84	Cell Wall Biosynthesis	Trans
14	29	-	Cis
15	112	Metabolic	Cis
16	108	Leaf Development	Trans
17	40	-	Cis
18	167	-	Cis
19	72	-	Cis
20	33	Steroid Syn./Nitrate Trans.	Trans
21	41	(Sucrose Syn./Callose Dep.)	Trans
22	96	-	Cis
23	77	Cell	Cis
24	73	-	Cis
25	104	Cysteine-Type Peptidase	Cis
26	48	-	Cis
27	44	-	Cis
28	51	-	Cis
29	27	-	Cis
30	39	-	Cis
31	72	Lipid Transport	Cis
32	34	-	Cis
33	47	-	Cis
34	80	-	Cis
35	38	CDK/tRNA Aminoacylation	Cis
36	44	-	Cis

37	63	-	Cis
38	59	Glutathione Transferase	Cis
39	35	-	Cis
40	37	-	Cis
41	53	Negative Peptidase Activity	Cis
42	27	-	Cis