

Table S1. Information for 29 GO accessions identified as being significantly enriched according to CID/pCID significance.

| Accession ¹ | Type ² | Description | FDR |
|------------------------|-------------------|------------------------------------------------------------------|--------|
| GO:0016138* | P | glycoside biosynthetic process | 0.0003 |
| GO:0051179* | P | localization | 0.0003 |
| GO:0006810* | P | transport | 0.0012 |
| GO:0051234* | P | establishment of localization | 0.0014 |
| GO:0033036* | P | macromolecule localization | 0.0024 |
| GO:0052542 | P | callose deposition during defense response | 0.0031 |
| GO:0007166 | P | cell surface receptor linked signaling pathway | 0.0033 |
| GO:0033037 | P | polysaccharide localization | 0.0049 |
| GO:0052545 | P | callose localization | 0.0049 |
| GO:0044272* | P | sulfur compound biosynthetic process | 0.0050 |
| GO:0007275* | P | multicellular organismal development | 0.0070 |
| GO:0007167 | P | enzyme linked receptor protein signaling pathway | 0.0073 |
| GO:0007169 | P | transmembrane receptor protein tyrosine kinase signaling pathway | 0.0073 |
| GO:0010200* | P | response to chitin | 0.0075 |
| GO:0052544 | P | callose deposition in cell wall during defense response | 0.0084 |
| GO:0052482 | P | cell wall thickening during defense response | 0.0084 |
| GO:0010876* | P | lipid localization | 0.0095 |
| GO:0032555* | F | purine ribonucleotide binding | 0.0014 |
| GO:0032553* | F | ribonucleotide binding | 0.0014 |
| GO:0000166* | F | nucleotide binding | 0.0019 |
| GO:0032559* | F | adenyl ribonucleotide binding | 0.0027 |
| GO:0017076* | F | purine nucleotide binding | 0.0032 |
| GO:0005524* | F | ATP binding | 0.0042 |
| GO:0004713 | F | protein tyrosine kinase activity | 0.0057 |
| GO:0010011 | F | auxin binding | 0.0061 |
| GO:0005506 | F | iron ion binding | 0.0062 |
| GO:0001882* | F | nucleoside binding | 0.0071 |
| GO:0001883* | F | purine nucleoside binding | 0.0071 |
| GO:0030554* | F | adenyl nucleotide binding | 0.0071 |

¹Eighteen accessions containing the 42 genes associated with more than one CBF TFs according to CID/pCID are marked ‘*’. ²Accession types: biological process (P), cellular component (C), and molecular function (F).