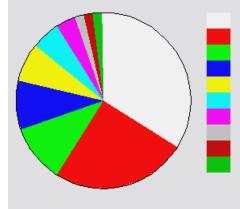
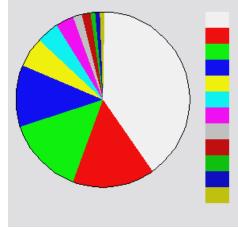
Functional Categorization by Genes for : GO Molecular Function

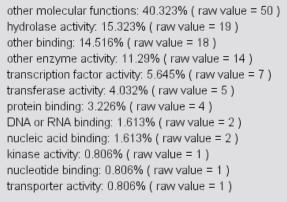


other enzyme activity: 33.929% (raw value = 19) other molecular functions: 25% (raw value = 14) other binding: 10.714% (raw value = 6) hydrolase activity: 8.929% (raw value = 5) transporter activity: 7.143% (raw value = 4) transferase activity: 5.357% (raw value = 3) kinase activity: 3.571% (raw value = 2) protein binding: 1.786% (raw value = 1) DNA or RNA binding: 1.786% (raw value = 1) nucleotide binding: 1.786% (raw value = 1)

(a)

Functional Categorization by Genes for : GO Molecular Function





(b)

Figure S1. Functional characterization of differentially expressed *A. thaliana* genes in response to arsenate stress. A, gene ontology for genes induced above 1.5-fold. B, gene ontology for genes repressed 1.5-fold. All differentially expressed genes met a significance criteria of P<0.001 and had an FDR of < 1%.