



Figure S3. Gene Ontology classification of genes belonging to six k-means clusters according to GO groups Cellular Component and Molecular Function. The percentage of genes contained in a particular GO group is shown for all present probesets detected by the microarray (17,416 expressed), all DE genes (2,091 genes) and the subsets of genes belonging to clusters 1 to 6 (Set1 to Set 6). Asterisks indicate a significant over- or underrepresentation of functional categories compared to the functional categories of all expressed genes with putative orthologs in Arabidopsis (* $p \leq 0.01$; ** $p \leq 0.001$; *** $p \leq 0.0001$).