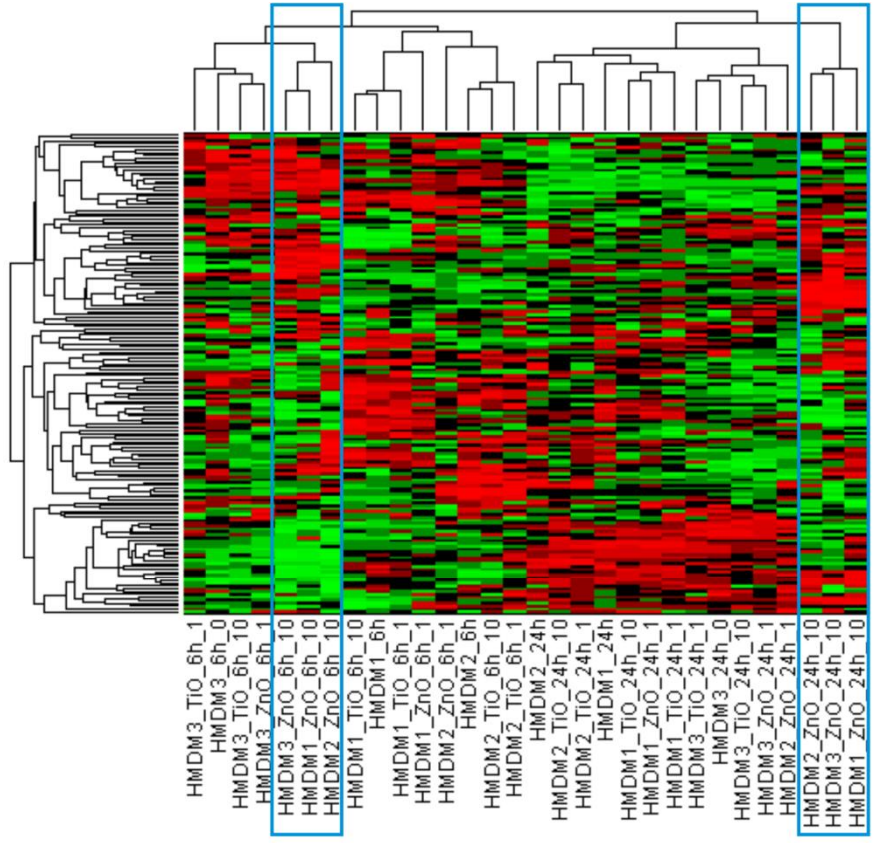
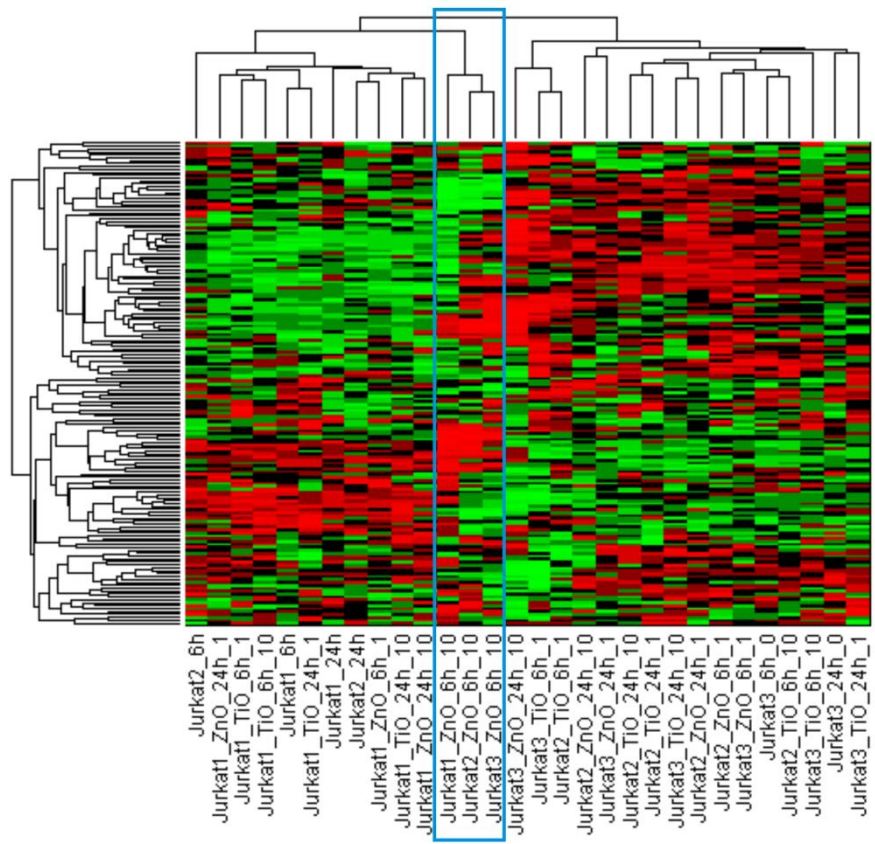


A



B



**Figure S13. Hierarchical clustering of the expression of the zinc responsive genes reported by Cousins *et al.* [28] among A) HMDM samples and B) Jurkat samples in Illumina Sentrix HumanHT-12 Expression BeadChip data after exposing the cells with 1  $\mu\text{g}/\text{ml}$  or 10  $\mu\text{g}/\text{ml}$  of ZnO-1 or  $\text{TiO}_2$  for 6 or 24 h in three replicate experiments (see **Figure S4** and **Table S3**). The subclusters separating different treatments are highlighted. The gene expression data for the differentially expressed genes is shown in **Table S9**.**