Supplementary Figure 5. Pearson's correlations of four factors; Number of Genes represented in each chromosome (designated as "*Genes*"), Number of TFs annotated on each chromosome (designated as "*TFs*"), the Ratio of number of TFs over the number of genes on each chromosome (designated as "*TFs/Genes*") and mean expression value of all genes on a respective chromosome (designated as "*Expr*"). Values within the heat-maps indicate the Pearson's ρ value. In particular ρ and p values are as follows: (**A**) no significant ρ found, (**B**) TFs vs. TF/Gene ρ=0.97, p=0.024, (**C**) TFs vs. Genes ρ=0.97, p=0.02, (**D**) TF/Gene vs. Genes ρ=0.97, p=0.02, (**E**) TF/Gene vs. TFs ρ=0.97, p=0.03, (**F**) TF/Gene vs. TFs ρ=0.94, p=0.05, (**G**) TF/Gene vs. TFs ρ=0.99, p=0.005, (**H**) TF/Gene vs. TFs ρ=0.99, p=0.001, (**I**) TF/Gene vs. TFs ρ=0.93, p=0.06, (**J**) TF/Gene vs. TFs ρ=0.94, p=0.05, (**K**) TF/Gene vs. TFs ρ=0.99, p<<0.01, (**L**) no significant ρ found, (**M**) TF/Gene vs. TFs ρ=0.99, p<<0.01, (**N**) TF/Gene vs. TFs ρ=0.97, p=0.02, (**O**) TF/Gene vs. TFs ρ=0.99, p=0.002, (**P**) TF/Gene vs. TFs ρ=0.96, p=0.03, (**Q**) no significant ρ found, (**R**) TF/Gene vs. TFs ρ=0.96, p=0.03, (**S**) TF/Gene vs. TFs ρ=0.96, p=0.005, (**T**) TF/Gene vs. TFs ρ=0.99, p=0.003, (**U**) TF/Gene vs. TFs ρ=0.99, p=0.004, (**V**) TF/Gene vs. TFs ρ=0.96, p=0.03, (**W**) TFs vs. Genes ρ=0.99, p=0.002, TF/Gene vs. Genes ρ=0.99, p=0.005 and TF/Gene vs. TFs ρ=0.99, p=0.005.