



Figure S1 MAPK signaling pathway diagram. The scale in the upper right corner of the picture is the absolute value of the maximum log<sub>2</sub> (foldchange) annotated to this pathway for all differential genes. The red color indicates that the genes annotated to the pathway are up-regulated differential genes, and the green color indicates that the genes annotated to the pathway are down-regulated differential genes. The grey color indicates that the genes annotated to the pathway have both up-regulated differential genes and down-regulated differential genes. The white color indicates that there is no difference in the genes annotated to the pathway.