



**Supplementary Figure 5. Volcano plots of the gene targets for (A) AP1-BACH2 and (B) ETS1-ELF2.** The fold change and significance have been calculated by a moderated t-test of the 0h expression versus the gene expression at 12 and 24 hours after stimulation. The colors indicate whether the genes are target by the both (yellow) or the individual transcription factors (red and green). The grey dots depict the sample genes upon EGF stimulation. Significantly up-regulated genes (adj.  $p\text{-value} < 0.05$  and  $\text{fold change} > 0.5$ ) are annotated with their gene symbol.