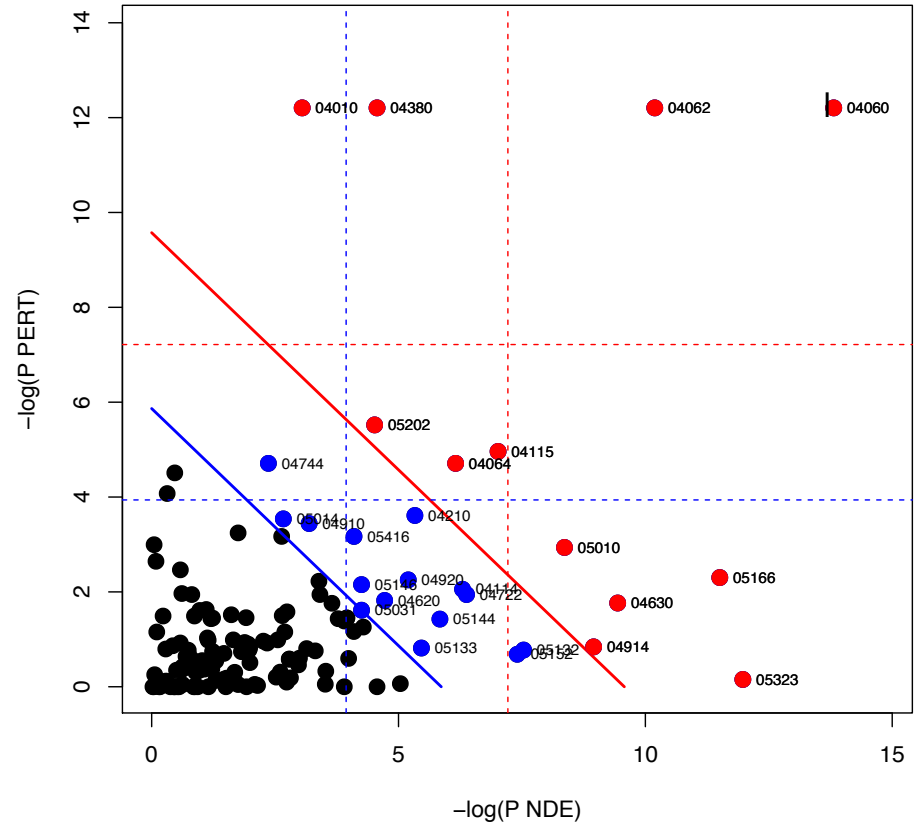
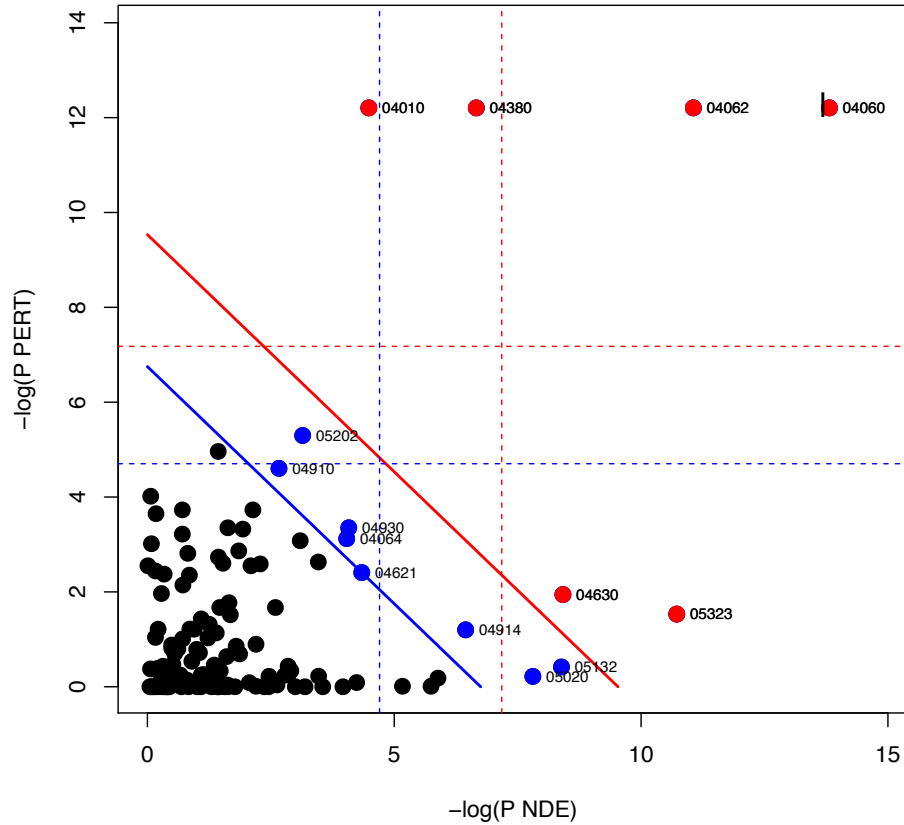


TSTNEG

TSTPOS



S2 Figure. Results of Signaling Pathway Interaction Analysis (SPIA). TSTNEG and TSTPOS samples were analyzed independently by SPIA. Within the TSTPOS data there are twelve KEGG pathways that meet pre-defined criteria for significant perturbation. Six of these pathways are also significant in TSTNEG data. KEGG pathways are indicated by their numbers. Instead of their names. P NDE reflects the probability that the number of differentially expressed genes is over-represented in a given pathway. P PERT reflects the amount of perturbation that is measured in each pathway and accounts for topology or hierarchy of biological networks.