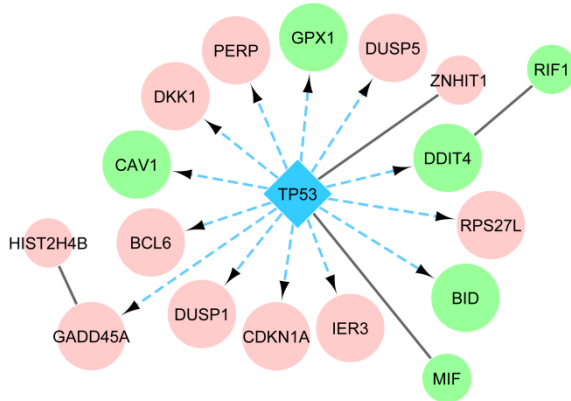


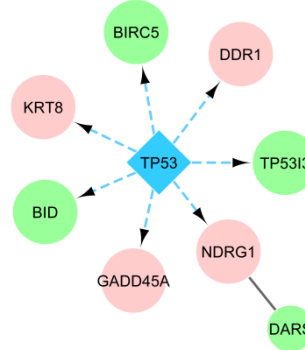
Supplementary Figure S4

TP53 network, normoxia

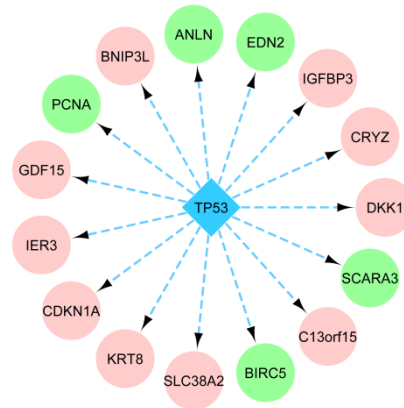
DU 145



PC-3



22Rv1



Supplementary Figure S4. Vorinostat mediated regulation of TP53 signaling under normoxia. First degree protein interaction networks of TP53 target genes (large circles) with a significant and more than 1.5 fold change following vorinostat exposure (1 μ M, 24 hours) under normoxic conditions in DU 145, PC-3 and 22Rv1 prostate cancer cell lines (adj $P < 0.01$, LIMMA, three experiments). The interaction partners (smaller circles) were selected among the genes significantly changed by vorinostat. Green and red color denotes downregulation and upregulation by vorinostat, respectively. Blue arrows indicate DNA-protein interaction between TP53 and its target genes, black lines indicate protein-protein interaction.