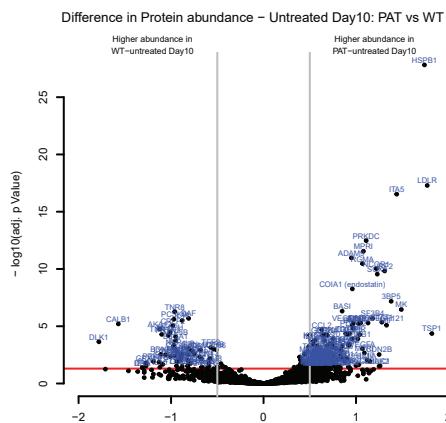
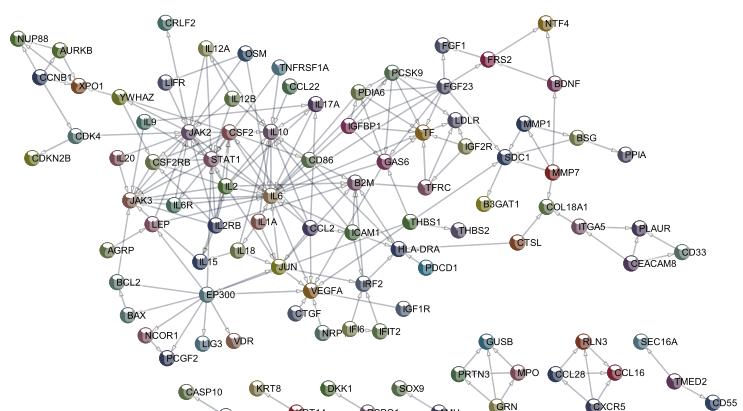


# Fig. S4

**A**

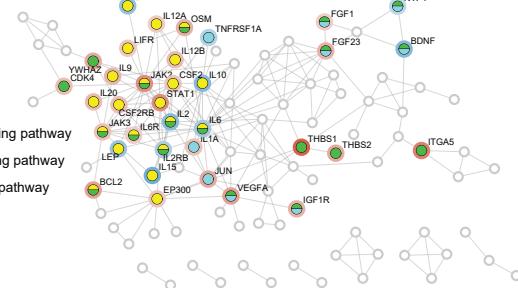


**B**



**C**

- Yellow circle: Jak-STAT signaling pathway
- Green circle: PI3K-Akt signaling pathway
- Cyan circle: MAPK signaling pathway



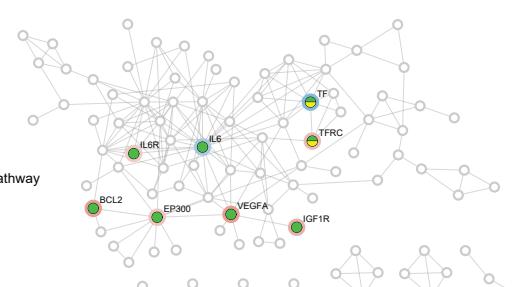
**D**

- Yellow circle: Pathways in cancer
- Green circle: p53 signaling pathway
- Cyan circle: Cell cycle



**F**

- Yellow circle: Ferroptosis
- Green circle: HIF-1 signaling pathway



**H**

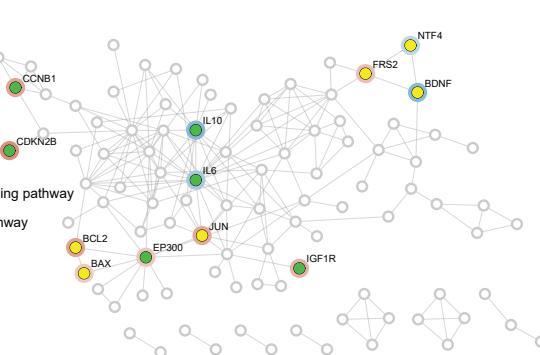
- Yellow circle: Neurotrophin signaling pathway
- Green circle: FoxO signaling pathway

Blue circle: TGF-beta signaling pathway

Green circle: cAMP signaling pathway

Blue circle: EGFR tyrosine kinase inhibitor resistance

Orange circle: Signaling pathways regulating pluripotency of stem cells



**I**

- Yellow circle: TNF signaling pathway
- Green circle: IL-17 signaling pathway
- Cyan circle: NF-kappa B signaling pathway

