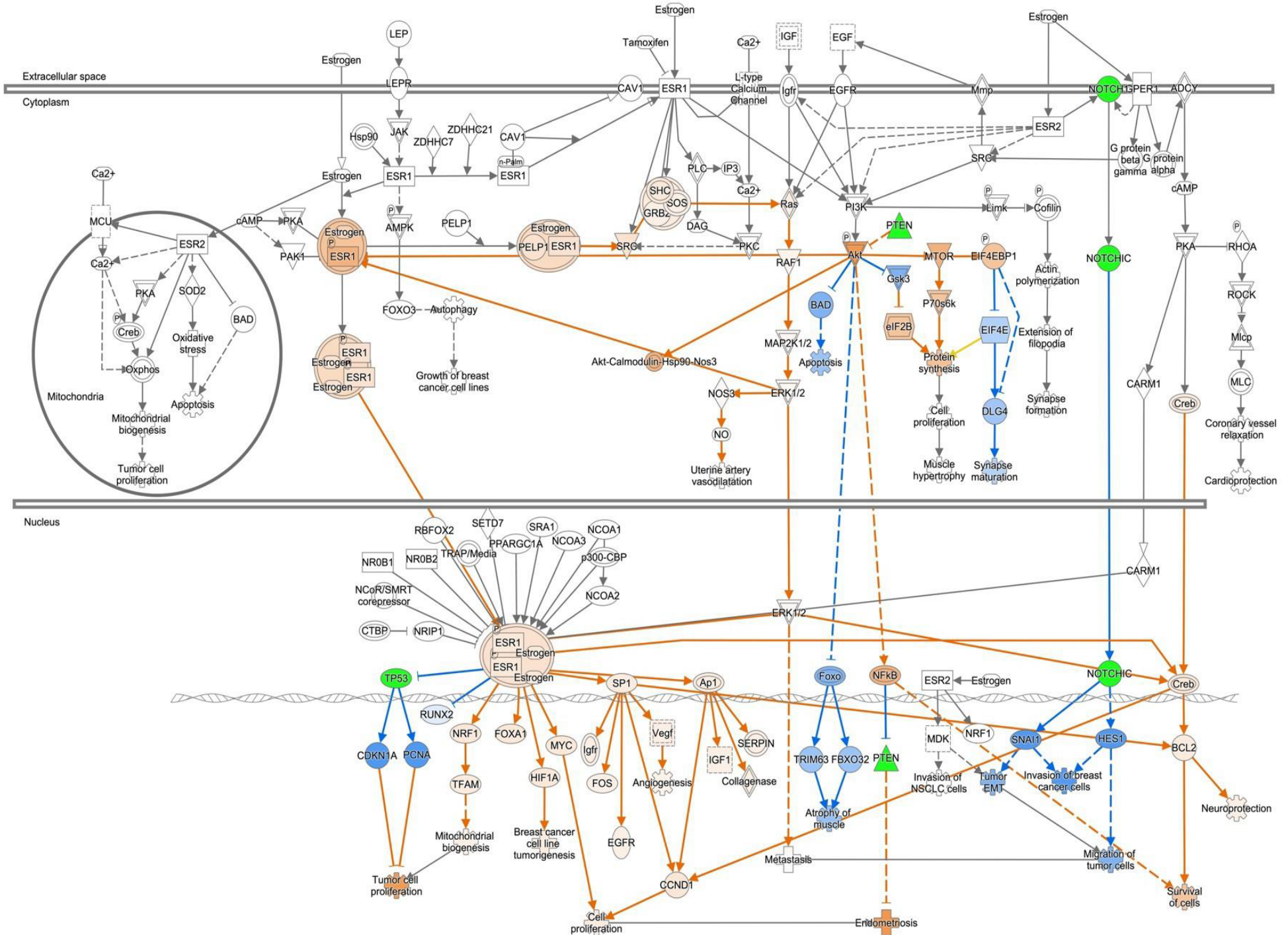


In the absence of ligand, EGF and IGF regulate ER mediated gene transcription



Supplementary Figure S4. Molecular activity prediction analysis of the canonical pathway estrogen signaling defined by the Ingenuity Knowledge Base. Three common downregulated genes (*TP53*, *PTEN*, and *NOTCH1*) with loss of function mutations in both molecular subtypes of breast cancer [TNBC and HER2(+)] modify several bio-functions associated with the progression of this disease.