



Figure S3. Cell subtypes inferred by the CCN of T47D cells. The RNAs in the CCN were enriched into estrogen early response hallmark, as determined by a hypergeometric test. We showed significant enrichment of RNAs in the CCN of the (A) T47D_3h_2B6, (B) T47D_6h_2H8, and (C) T47D_12h_D8 cells to the early response hallmarks. (D) The minus log₁₀ transformed p-value calculated by a hypergeometric test for all cells at 3 h, 6 h and 12 h. The dashed line represents the significance threshold, $p = 0.05$. (E) The heatmap of differential correlation in all cells that were classified into two subtypes: early-response cells vs. others. Blue represents loss of correlation in the “Perturbed network”, while red refers to the gain of correlation in the “Perturbed network”.