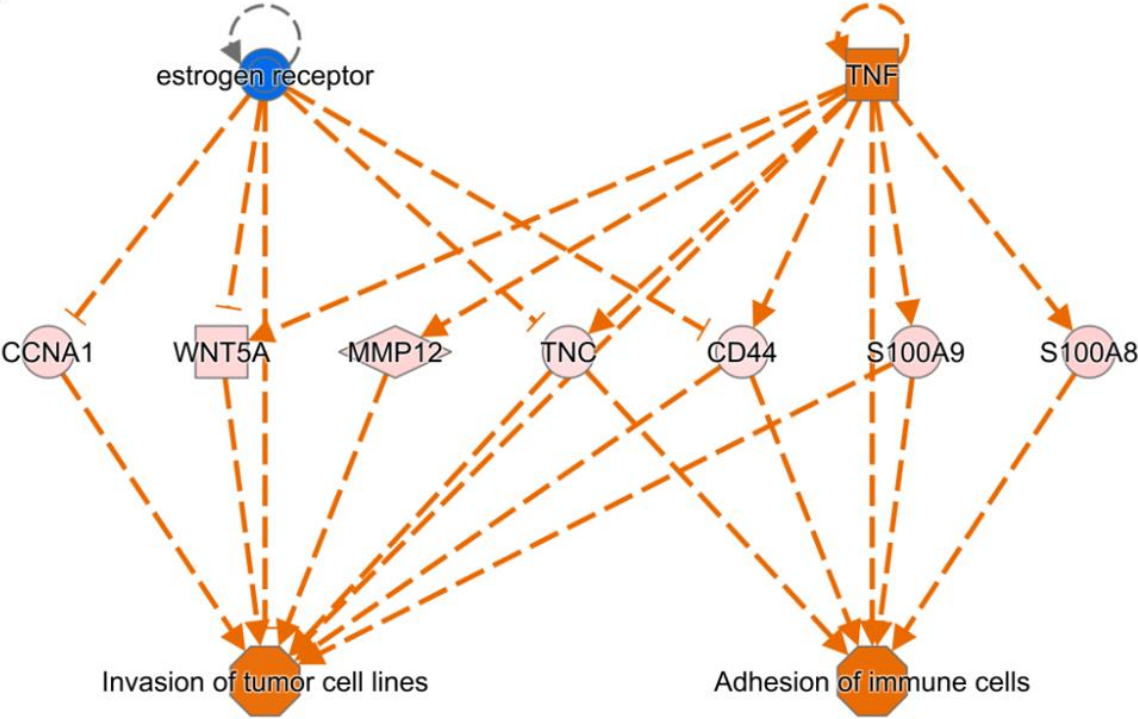
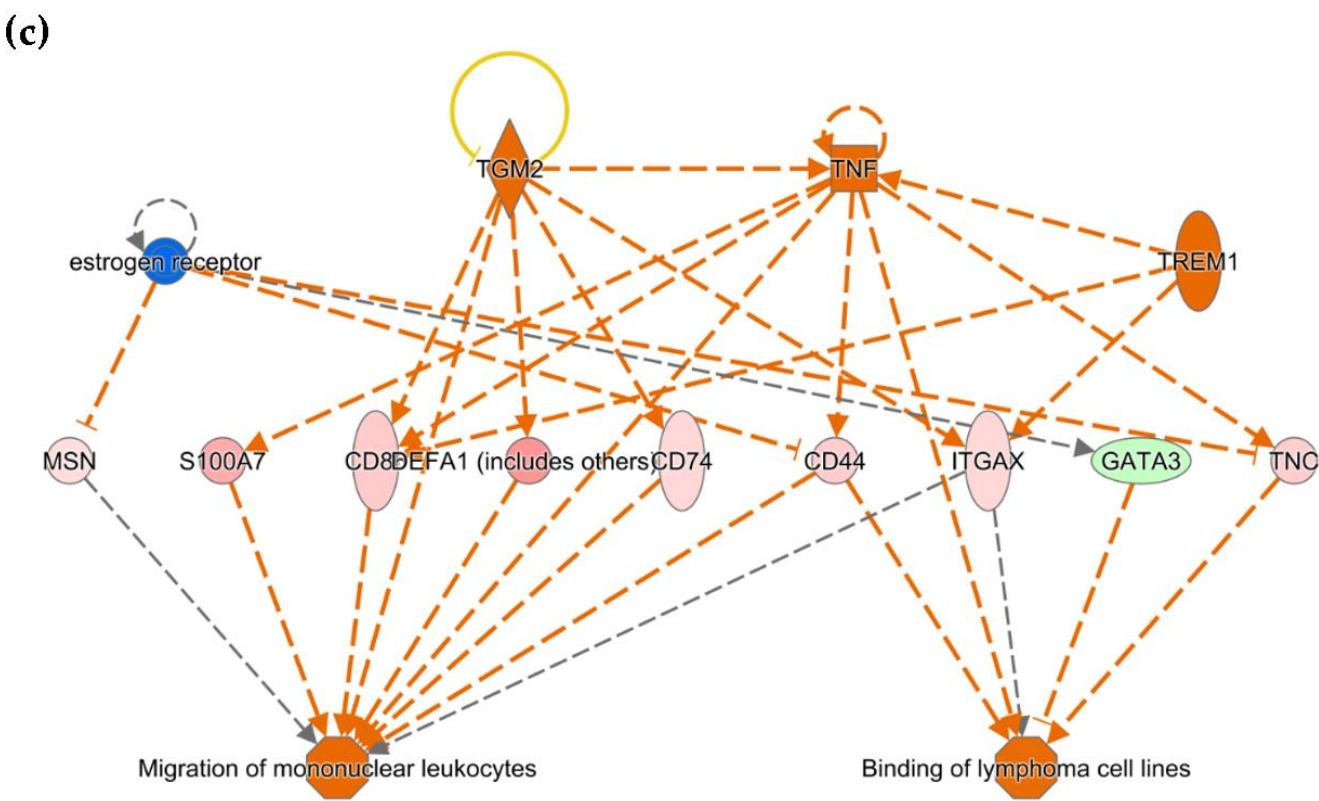
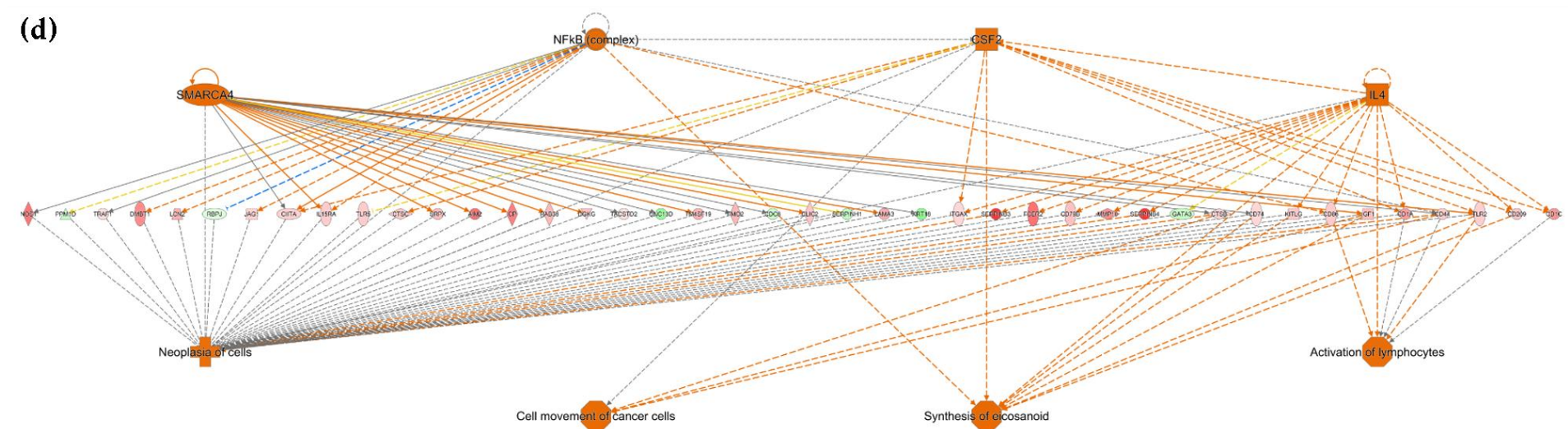


(b)







**Figure S1.** The Ingenuity Pathways Analysis results; Regulator effect between four subgroups: (a) DP vs DN; (b) CK5/6 SP vs CK20 SP; (c) CK5/6 SP vs DN; (d) CK5/6 SP vs DN.