

**Title: Supplementary Data 1.**

**Description:** List of the overlapped DEGs from the RNA-sequencing analysis data of human and mouse.

**Title: Supplementary Data 2.**

**Description:** List of the chemokines from analysis of antibody array on K1 and TPC1 cells with TBX3 knock-down.

**Title: Supplementary Data 3.**

**Description:** List of the overlapped DEGs from the RNA-sequencing analysis data of PTC and breast cancer cells.