



**Figure S1: The significantly enriched signaling pathways associated with the increased TMEM200A expression. (a)** Cytokine-cytokine receptor interaction, **(b)** chemokine signaling pathway, **(c)** T cell receptor signaling pathway, **(d)** leukocyte transendothelial migration, **(e)** Toll-like receptor signaling pathway, **(f)** TGF- $\beta$  signaling pathway, **(g)** JAK-STAT signaling pathway, **(h)** mTOR signaling pathway, **(i)** MAPK signaling pathway, **(j)** pathway in cancer.