



Supplementary figure 5. Epithelial-to-mesenchymal transition (EMT) of wt and CTSSB overexpressing cancer cells. *a*, Fluorescence staining for epithelial marker E-cadherin and mesenchymal marker α SMA in tumor spheroids cultured in reconstructed basement membrane. *b*, mRNA Expression of EMT transcription factors, E-cadherin (cdh1), N-cadherin (cdh2) and vimentin in iPyMT cells upon induction of CTSSB by Doxycycline (1 μ M) and *c*, representative pictures of cell morphology. *d*, slug peroxidase staining on OT tumors derived from injection of PyMT^{+/0};wt and PyMT^{+/0};CTSSB^{+/0} cancer cells and *e*, quantitation of slug positive cells. *f*, ZEB1 peroxidase staining on OT tumors derived from injection of PyMT^{+/0};wt and PyMT^{+/0};CTSSB^{+/0} cancer cells and *g*, quantitation of ZEB1 positive cells.