







Suppl. Fig. 1. ZIP8 expression in LUC-MEF and ZIP8-MEF cells. A. ZIP8 expression was determined by immunostaining with commercial antibody. B. The mRNA level of Slc39a8 (ZIP8) was by q-RT-PCR in LUC-MEF and in ZIP8-MEF cells, N=3.

Suppl. Fig. 2. Immunostaining of N-cadherin in ZIP8 gain and loss cell culture. A. N-cadherin expression was unchanged in ZIP8-MEF cells using a commercial antibody. B. N-cadherin expression was unchanged in ZIP8 KO HAP1 cells. Immunofluorescence was visualized and recorded under confocal microscope.

Suppl. Fig. 3. Immunostaining of P65 in HAP1 cells without PMA treatment. The expression of p65 was determined by immunostaining using P65 antibody. Immunofluorescence showed minimal nucleic location in HAP1 cells. Patterns of p65 expression showed no difference in HAP1 (A) and ZIP8 KO HAP1 (B) cells.