

Figure S1. Validation of *CLDN2*-KO in HCT116 cells by reverse transcription-quantitative PCR. *CLDN2*-KO cells exhibited a significant decrease in *CLDN2* expression compared with Wt cells, corresponding to a ~300-fold reduction in mRNA abundance. * $P < 0.001$. A logarithmic y-axis is used to illustrate fold-changes in gene expression. *CLDN2*-KO, claudin-2 knockout; Wt, wild-type.

