

Figure S2A  
HCT116

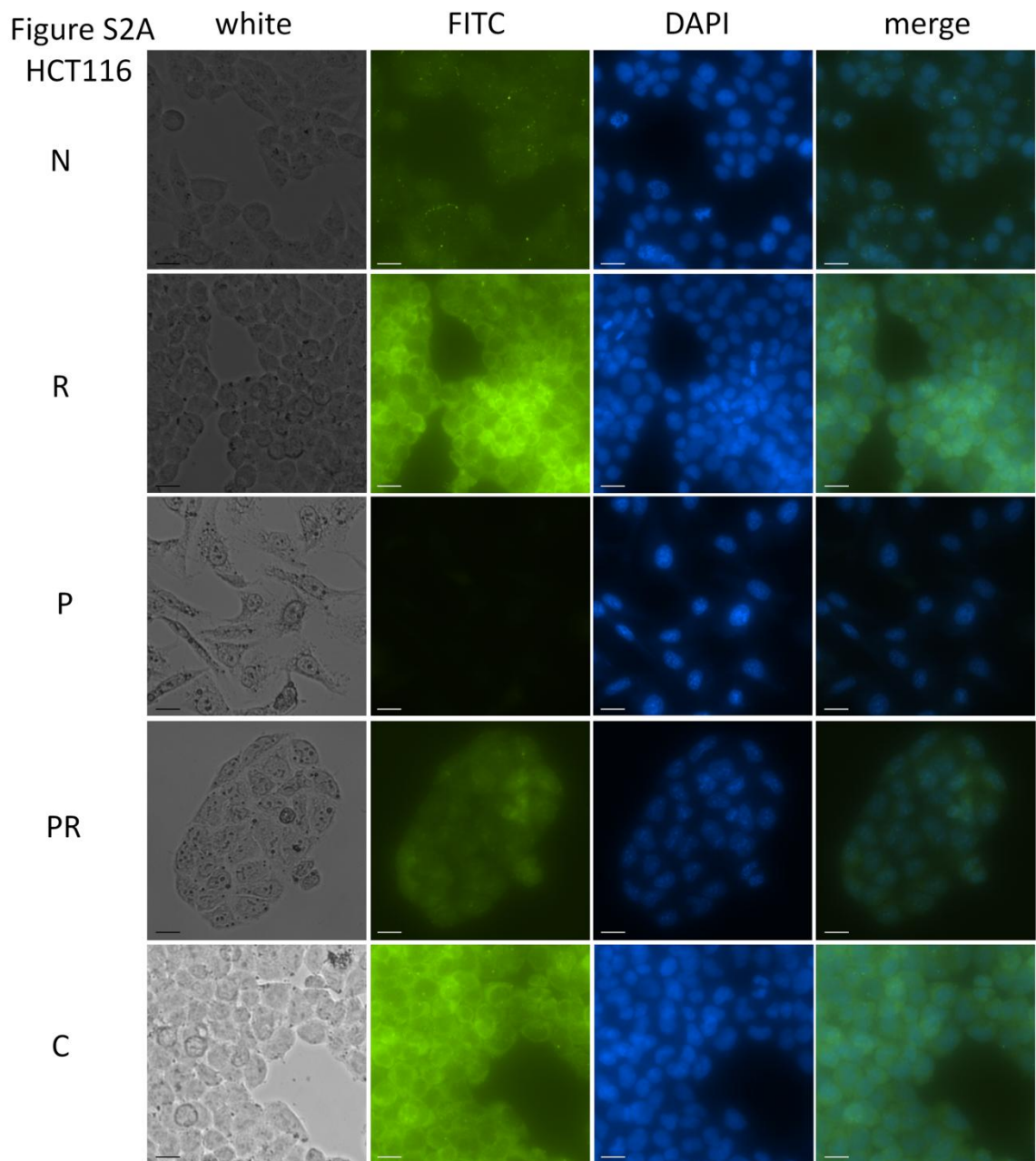


Figure S2B

LoVo

N

R

P

PR

C

white

FITC

DAPI

merge

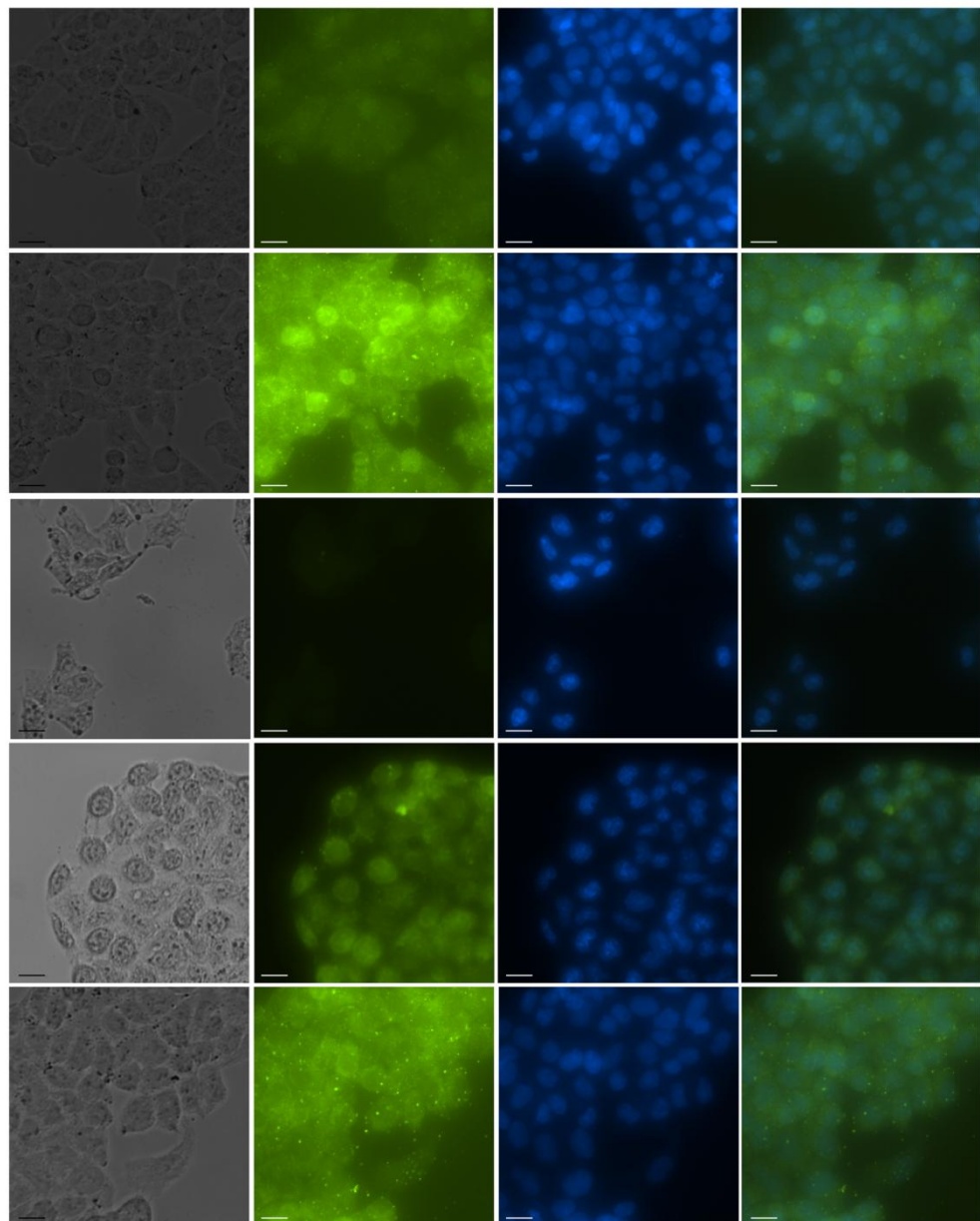


Figure S2C

CT26

N

R

P

PR

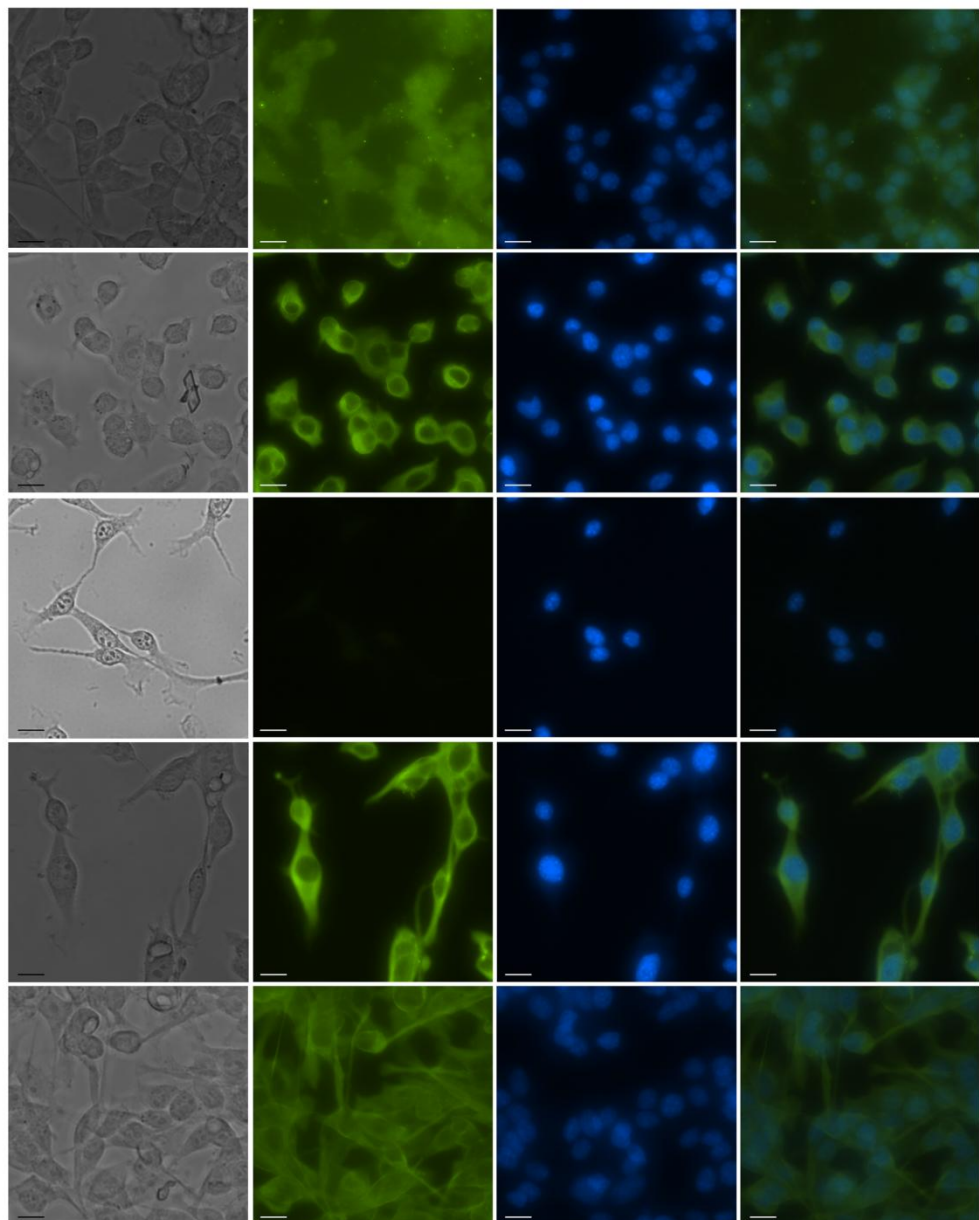
C

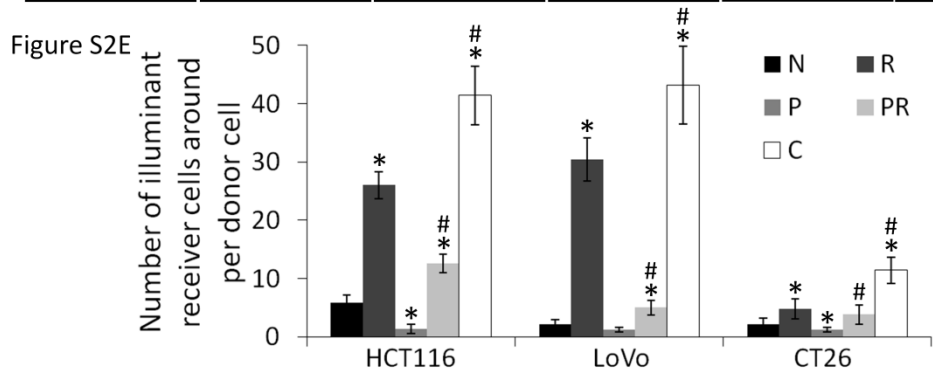
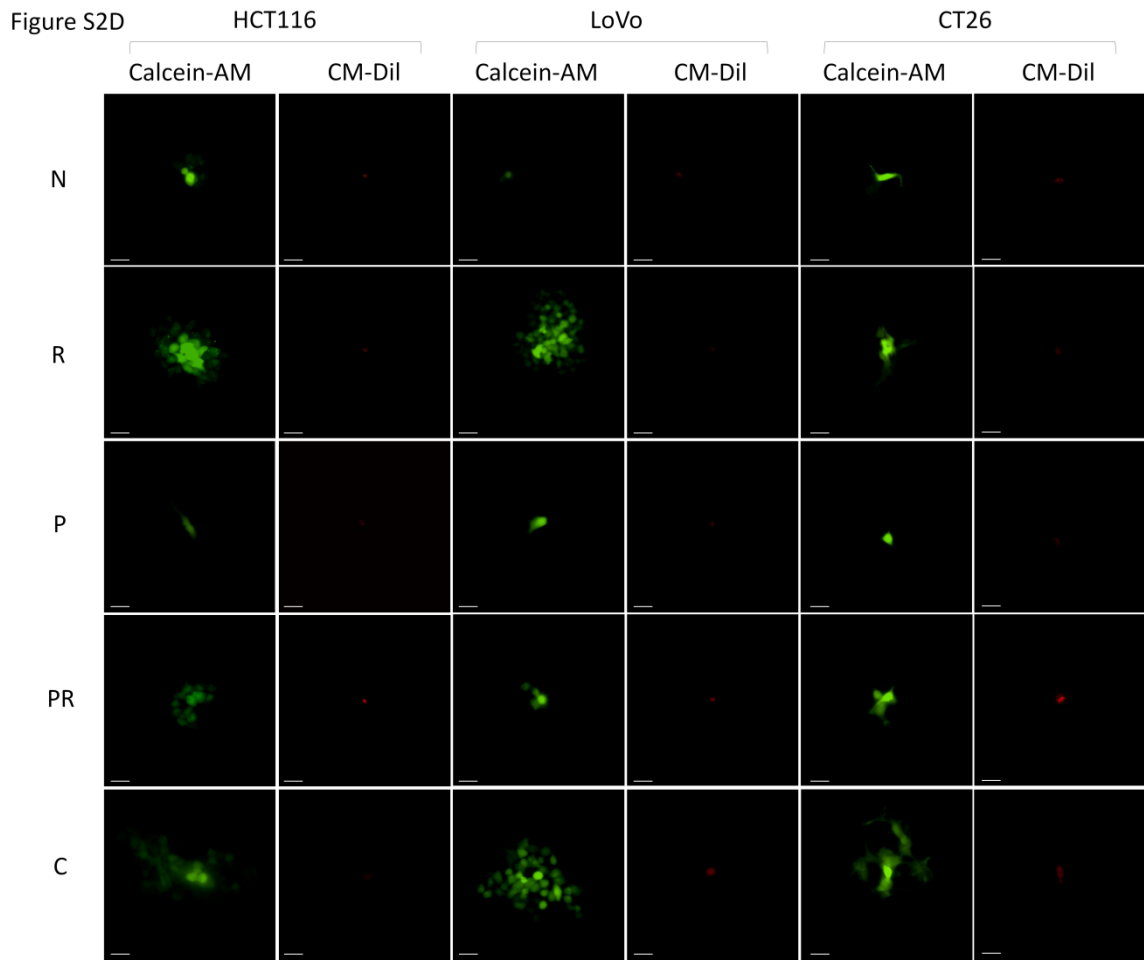
white

FITC

DAPI

merge





**Figure S2: The location of Cx43 expression in cells and GJ function analysis.** “N”, “R”, “P”, “PR” and “C” were defined in caption of Fig.1. The scale bars represent 20  $\mu\text{m}$ . (A-C) **Immunocytochemistry analysis of Cx43.** Cells were immunostained with Cx43 antibody followed by FITC-conjugated antibody. (D) “Parachute” dye-coupling assay of GJ function. (E) Columns show the mean from five independent experiments and standard deviations are shown as error bars. \* $P < 0.05$  represents a significant difference to “N”, and # $P < 0.05$  represents “PR” and “P” has a significant difference.