Supplementary Materials: CPT-11-Induced Delayed Diarrhea Develops via Reduced Aquaporin-3 Expression in the Colon

Figure S1. Effect of CPT-11 or SN-38 on human colon cancer HT-29 cells. HT-29 cells were treated with CPT-11 (A) or SN-38 (B). After a 48-hour incubation, cell viability was analyzed by WST-1 assay. Data are shown with the mean value of the control set at 100% (mean ± SD, n = 8, Dunnett’s test: *** p < 0.001 vs. Cont.). Cells were collected after a 48-hour incubation, and the AQP3 mRNA expression was measured by real-time PCR. After normalization with β-actin, data are shown with the mean value for the control set at 100% (mean ± SD, n = 4, Dunnett’s test: * p < 0.01 vs. Cont.).
Figure S2. The distribution of AQP3 in the rat colon after treatment. CPT-11 (100 mg/kg/day) was administered to rats either alone or in combination with celecoxib. The AQP3 (green) in rat colon were immunostained. The nuclei were counterstained with DAPI (blue).