



Suppl. Fig. 1: Organoid growth and survival. **a)** Small intestinal crypts were isolated, embedded into matrigel and cultured with either full ADF medium or the ADF medium lacking human R-Spondin-1 (-Rspo1). Development of the organoids was monitored during the next 7 days by light microscopy. Arrowheads: bud formations. Upper panel: development in complete ADF medium (+Rspo1), lower panel: development in medium without human R-spondin-1 (-Rspo1). **b)** Crypts were cultured for 6 days in full ADF medium. Then the medium was changed to ADF medium without R-spondin-1 for 24h (Rspo1 withdrawal). Scale bars indicate 100 μ m.