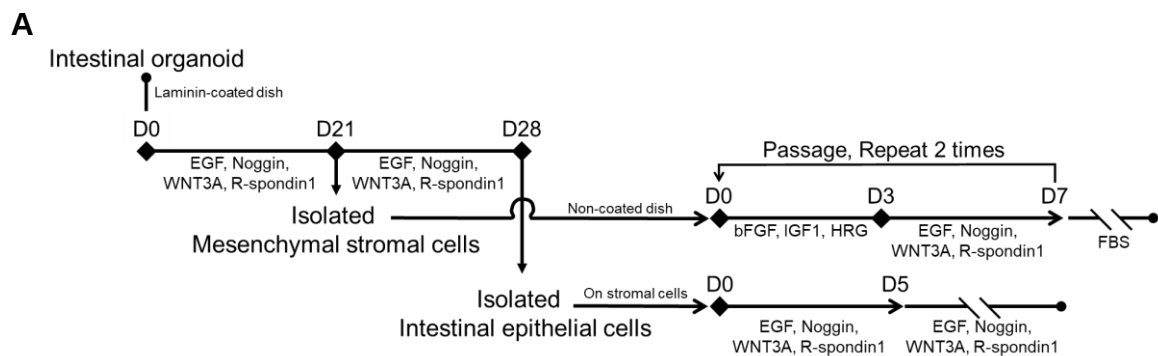




B

Organoid Number	Origin	RYU Number	Established	LONG Number	Established	Condition
Intestinal organoid #1	Human iPSCs	RYU01	Success	LONG01	Success	RYU : Normal , LONG : Normal
Intestinal organoid #2	Human ESCs	RYU02	Success	LONG02	Success	RYU : Normal , LONG : Normal
		RYU03	Success	LONG03	Success	RYU : Normal , LONG : Normal
Intestinal organoid #3	Human ESCs	RYU04	Success	LONG04	Success	RYU : Normal , LONG : Normal
Intestinal organoid #4	Human ESCs	RYU05	Success	LONG05	Success	RYU : Normal , LONG : Normal
Intestinal organoid #5	Human iPSCs	RYU06	Failure	LONG06	Success	RYU : Proliferation of non-intestinal cells , LONG : Normal
Intestinal organoid #6	Human iPSCs	RYU07	Success	LONG07	Success	RYU : Normal , LONG : Normal
Intestinal organoid #7	Human iPSCs	RYU08	Failure	LONG08	Success	RYU : Non-proliferative , LONG : Normal

Figure S1. Generation of intestinal epithelial and mesenchymal stromal cells from intestinal organoids