

1 **Additional file 5.** RNA-seq data and alignment results of the 8 ileum organoid samples

Group	Sample	Raw reads	Trimmed reads	Uniquely mapped reads	% Uniquely mapped reads
Low	1	47,287,772	46,643,676	45,149,918	96.80
	3	33,617,465	33,203,932	31,881,142	96.02
	5	42,755,196	42,157,941	40,978,048	97.20
	8	33,478,864	33,123,448	27,680,830	83.57
Low <i>E. coli</i>	1	32,457,431	32,065,030	31,187,090	97.26
	3	36,027,309	35,594,324	34,596,780	97.20
	5	31,802,560	31,401,004	30,402,444	96.82
	8	33,169,307	32,772,650	31,929,766	97.43

2