

Establishment of gut-on-a-chip with controllable oxygen gradients to study the
contribution of *Bifidobacterium bifidum* to inflammatory bowel disease

Supplementary Table 1. Different channel heights (μm) and volumetric flow rates ($\mu\text{L/h}$) correspond to different linear flow rates ($\mu\text{m/s}$) in the upper channels.

Channel height (μm)		Linear flow rates ($\mu\text{m/s}$) at different volumetric flow rates ($\mu\text{L/h}$)				
Upper	Lower	30 $\mu\text{L/h}$	35 $\mu\text{L/h}$	40 $\mu\text{L/h}$	45 $\mu\text{L/h}$	50 $\mu\text{L/h}$
150	150	56	65	74	83	96
200	150	42	49	56	63	69
300	150	28	32	37	42	46
400	200	21	24	28	31	35
450	200	19	22	25	28	31
500	200	17	19	22	25	28