

## **Transcriptomic profiling reveals substrate- and shear stress-dependent maturation of human small intestinal epithelial cells**

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*Key words:* epithelial cells, biomimetic, small intestine, organoids, shear stress, hydrogel, millifluidics

**Supplementary Table 1.** Primer Sequences.

<b>Gene</b>		<b>Sequence 5' – 3'</b>
<i>CYP3A4</i>	Forward	CCGAGTGGATTTCCTTCAGCTG
	Reverse	TGCTCGTGGTTTCATAGCCAGC
<i>HPRT1</i>	Forward	AGGGTGTTTATTCCTCATGGAC
	Reverse	CACAGAGGGCTACAATGTGAT
<i>IL17RB</i>	Forward	ATGTCGCTCGTGCTGCTAAG
	Reverse	AGCCACATTGAACGGTCGG
<i>MAPK11</i>	Forward	AAGCACGAGAACGTCATCGG
	Reverse	TCACCAAGTACACTTCGCTGA
<i>MUC2</i>	Forward	CAGAGGGCAGAACCCGAAAC
	Reverse	GAAGTTGTAGTCGCAGGGGC
<i>NFKB1</i>	Forward	AACAGAGAGGATTTCTGTTCCG
	Reverse	TTTGACCTGAGGGTAAGACTTCT
<i>OCN</i>	Forward	ACAAGCGGTTTTATCCAGAGTC
	Reverse	GTCATCCACAGGCGAAGTTAAT
<i>POLR2A</i>	Forward	ACCTGATGGGCAAAAGAGTG
	Reverse	GCGCACTAGTTCTTGAAGTCTG
<i>SPINK4</i>	Forward	CAGTGGGTAATCGCCCTGG
	Reverse	CACAGATGGGCATTCTTGAGAAA
<i>TBP</i>	Forward	ACCCAGGGTGCCATGACT
	Reverse	CTGCTGCCTTTGTTGCTCTT
<i>TGFB1</i>	Forward	CCCAGCATCTGCAAAGCTC
	Reverse	GTCAATGTACAGCTGCCGCA
<i>TNF</i>	Forward	CTCAGCCTCTTCTCCTTC
	Reverse	AGAAGATGATCTGACTGCC
<i>VEGFA</i>	Forward	AGGGCAGAATCATCACGAAGT
	Reverse	AGGGTCTCGATTGGATGGCA
<i>GAPDH</i>	Forward	ACCCACTCCTCCACCTTTGAC
	Reverse	TGTTGCTGTAGCCAAATTCGTT

<i>CDH1</i>	Forward Reverse	ATTTTTCCTCGACACCCGAT TCCCAGGCGTAGACCAAGA
<i>TJP1</i>	Forward Reverse	CAACATACAGTGACGCTTCACA CACTATTGACGTTTCCCCACTC
<i>MKI67</i>	Forward Reverse	AAGAGAGTGTCTATCAGCCGAAGT GTGGCCTGTACTAAATTGACTGTG
<i>OLFM4</i>	Forward Reverse	AAATGCTCGAGAGTTGCGGA CACAGCAATCGTGTTGGTGG
<i>SI</i>	Forward Reverse	TTTGGCAGCCTTATCCAAGTC ACAGCAGGTGTCTTAGTTGCT
<i>ALPI</i>	Forward Reverse	CATCCAGAAGGTCGCCAAGA TGCCATTCTTCTGCCCCTTT
<i>CHGA</i>	Forward Reverse	CTACGCGCCTTGTCTCCTAC GCTGCCTGTGTTCAGAGAAG
<i>LYZ</i>	Forward Reverse	GCCAAATGGGAGAGTGGTTA TAACTGCTCCTGGGGTTTTG