

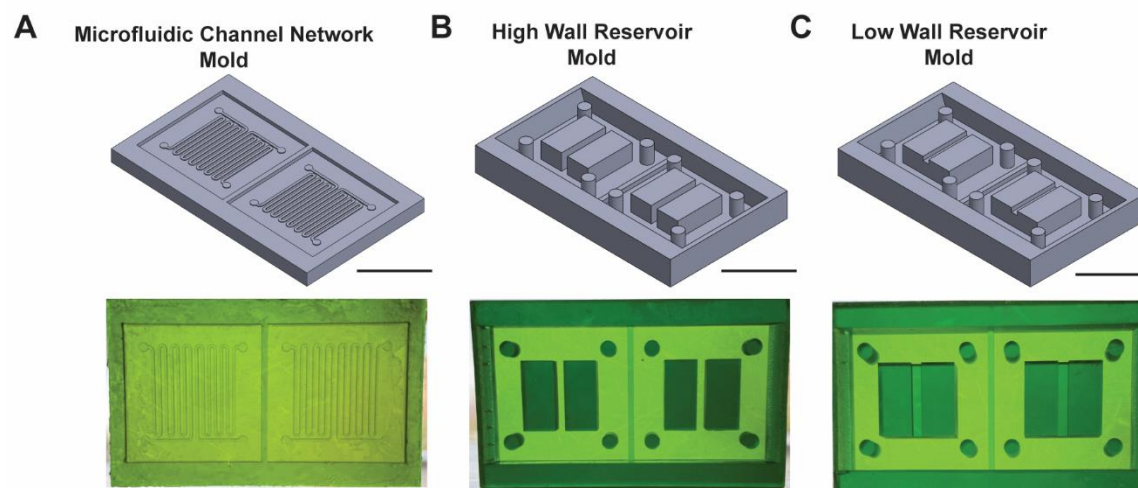


Figure S1. 3D-printed molds for fabrication of PDMS layers. A) Microfluidic networks, B) high wall reservoirs, and C) low wall reservoirs were printed in Master Mold Photopolymer Resin using a CADworks3D μ Microfluidics Edition M-50 DLP 3D printer. Scale bar: 15 mm.

Gene name	Forward primer sequence (5'-3')	Reversed primer sequence (5'-3')
B2m	TTCTGGTGCTTGTCTCACTGA	CAGTATGTTCTGGCTTCCCATTCT
Adm	CACCCTGATGTTATTGGGTTCA	CCACTTATTCCACTTCTTTTCGGA
Areg	GGTCTTAGGCTCAGGCCATTA	CGCTTATGGTGGAACCTCTC

Table S1. PCR primer sequences.