Fig. S5 | 3D printed syringe pump. A bespoke syringe pump and user interface was designed and fabricated for this experiment. The syringe pump was used to pull the two inputs through the device at 1 and 5 uL/sec. The syringe pump is composed of several parts (Fig. S7), including 3D printed mechanical pieces, a custom designed and fabricated circuit board (Fig. S9), and a software user interface (Fig. S10). The CAD designs and software for the syringe pump have been made openly available. The total cost of the pump was $56.33 (Table S2) and the 3D printed components can each be printed in less than 3 hours. Photo credit: Taylor Levy and Che-Wei Wang.