



S2 Fig. Effects of arabinose on biofilm formation. Each well of 96-well microtiter plates (Nunc, Roskilde, Denmark), containing VFMG-CF supplemented with 10 mM of CaCl_2 and various levels of arabinose as indicated, was inoculated with 200 μl of the JN111 culture diluted to an A_{600} 0.05. The microtiter plates were incubated for 24 h at 30°C without shaking. Once planktonic cells were removed, the biofilm cells on the wall were washed with PBS, and then stained with 220 μl of 1% crystal violet (CV) solution for 15 min at room temperature. Biofilms were quantified by elution of CV with 220 μl 100% ethanol and measurement of absorbance at 570 nm (A_{570}). Error bars represent the SD.