

Figure S2

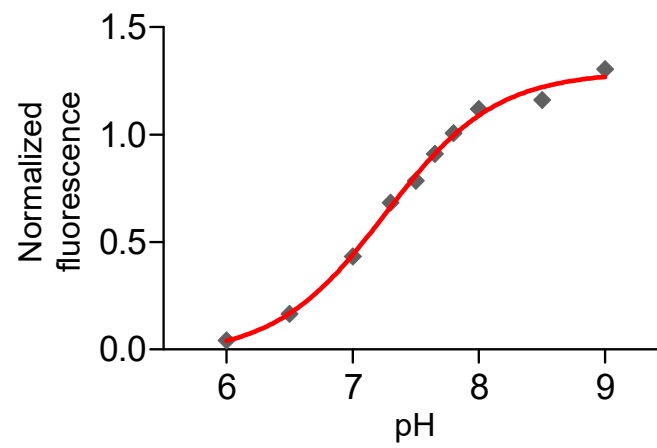


Figure S2. Calibration of the pH indicator pHLuorin in *E. coli* cells. *E. coli* cells expressing pHLuorin imaged in M9 minimal medium with its pH adjusted from 6.0 to 9.0 using HCl or NaOH. CCCP at 200 μ M was used to collapse the transmembrane pH gradient. Normalized pHLuorin fluorescence intensity at different pH fitted to a Hill equation, yielding a pK_a of 7.26 and a Hill coefficient of 1.0. Data are mean \pm sem. n = 11 - 12 image stacks in 2 independent experiments for each data point.