

Figure S5. Parasite growth measured at pH 7.0

A. Growth measurement using ^3H Uracil. Growth of WT (blue) or Δcst1 parasites (red) in HFF cells (10,000 parasites per well at time zero) at pH 7 was measured as ^3H -uracil incorporation into parasite DNA. Mean and standard deviation are shown. $n = 3$. This experiment was repeated 3 times and had similar results for wells harvested in triplicate.

B. Growth measurement by counting parasites. Growth of WT (blue), Δcst1 (red), $\Delta\text{cst1}::\text{cst1}$ (green), $\Delta\text{cst1}::\text{cst1}^{\Delta\text{muc}}$ (yellow) parasites at pH7 culture condition was measured by lysing the host HFF cells with 0.5% saponin and counting the free parasites in a hemocytometer.

