



FIGURE S6. DNA content analysis. In **A**, and **B**, are the DNA content histograms from the same cultures of the strains shown in Figures 5, and 6, respectively. On the x-axis of each panel is fluorescence per cell, and on the y-axis the numbers of cells. The difference in the percentage of cell in the G1 phase of the cell cycle ($\Delta\%G1$) compared to experiment-matched wild type cells is shown for each mutant strain, and it is the average of at least two independent measurements.