



**Fig. S2.** Dot plot representation of flow cytometry experiment. It demonstrates how cells shift due to change in acidic vesicles. When treated with Z100, the cells had increased number and/or acidity of the acidic vesicles (which results in higher red fluorescence), and shift into the gate (AVO). In presence of Baf (500 nM added 4 h before the end of 72 h Zol exposure), which increases the pH of the acidic vesicles (decrease in red fluorescence), the cells shift back. The X-axis represents the red channel (PerCP-Cy5.5), while the Y-axis represents the green channel (FITC).