



**Supporting Figure S1. Signal curves to determine the data cut-off for TIV and LAIV analysis.** (A) Cut-off signal curve for TIV cut-off signal curve. (B) Cut-off signal curve for LAIV cut-off signal curve. Rendering and visualization of this plot was based on the adjusted display in MS Excel 2011 version 14.1.4. Some AE labels, though existed in dataset, were omitted on the plot.