



**Supplementary Figure S1:** Gating strategy to exclude cellular debris and doublets. Gating is done on a dot-plot based on Propidium iodide (FL2) fluorescence pulse area (Y-axis) and width (X-axis). Gate R2 corresponds on proliferating cells, excluding debris (lower left part of dot-plot) and doublets (right part of the histogram). Two representative dot-plots from PBMCs and imprint are presented.