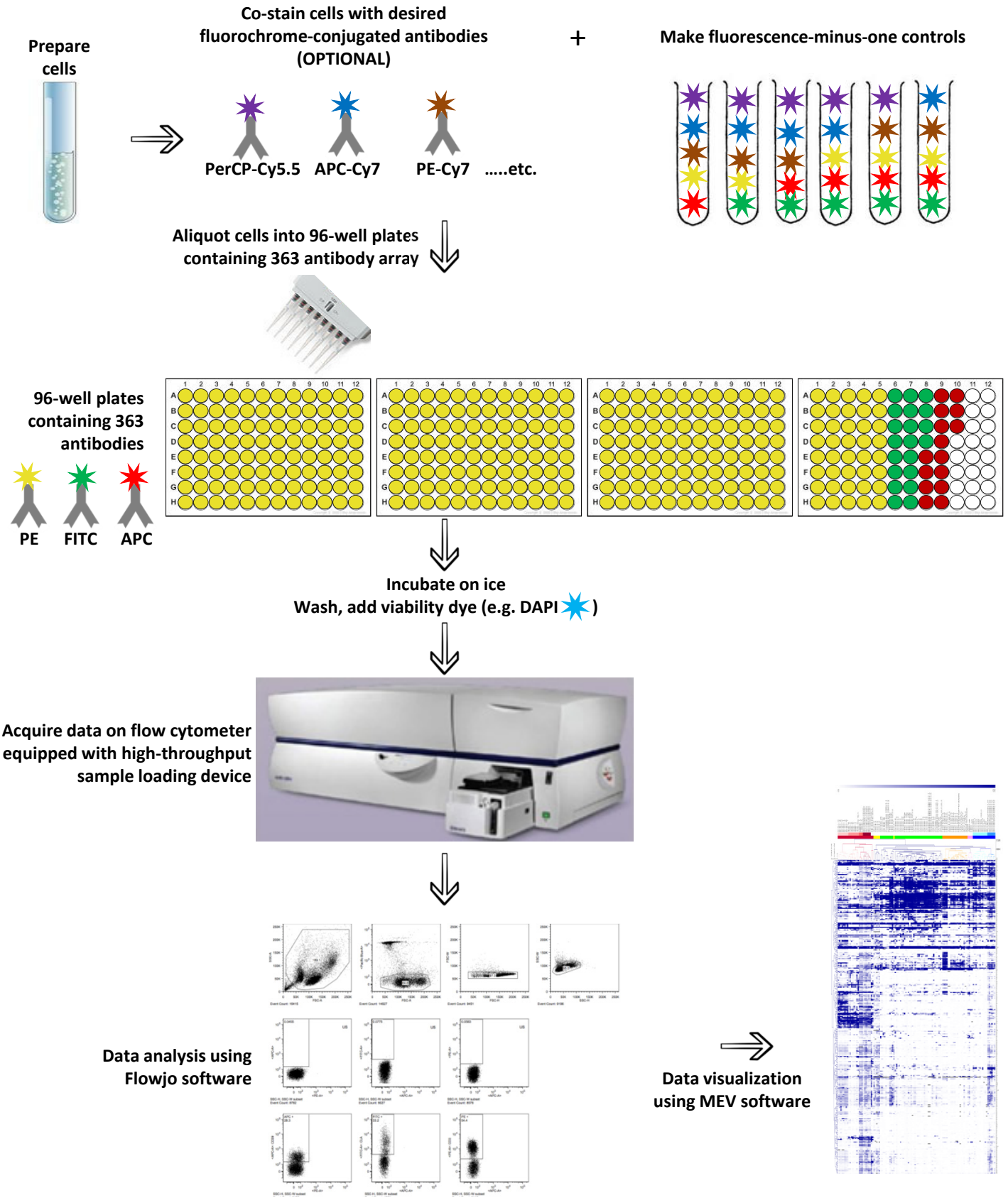

Figure S1: Schematic of HT-FC workflow. Prepared cells are initially co-stained, if desired, with antibodies conjugated to fluorochromes that do not overlap with those in the HT-FC panel (optional). Fluorescence-minus-one controls are made for each fluorochrome-conjugated antibody. If no co-staining antibodies are used, fluorescence-minus-one controls for the antibodies in the HT-FC panel can be made in the plates by adding cells to wells with no antibodies in them. After data acquisition, data is analyzed as illustrated in Figures S2 (no co-staining) and S4 (with co-staining), and as described in the manuscript.