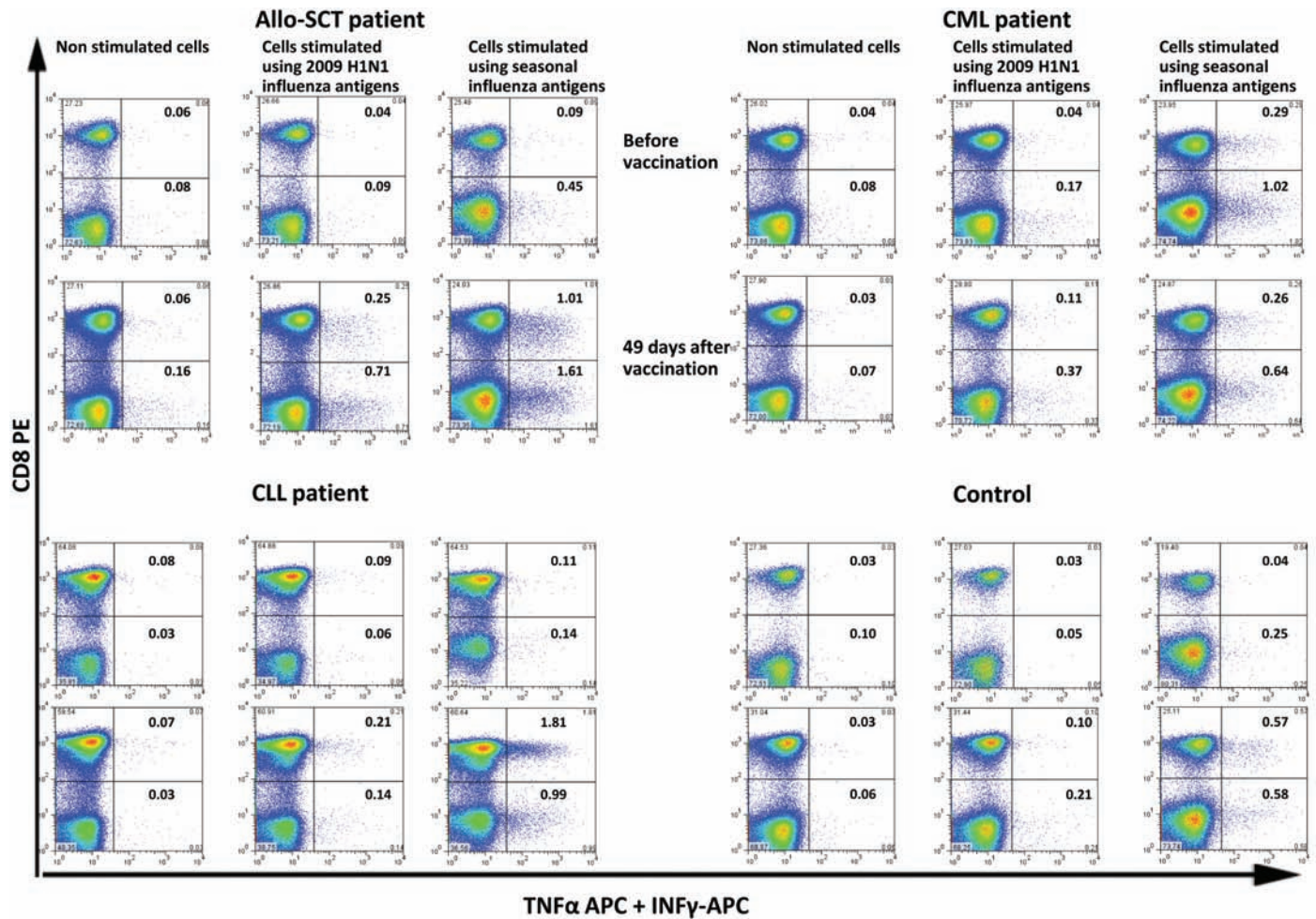


Repeated vaccination is required to optimize seroprotection against H1N1 in the immunocompromised host

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Online Supplementary Figure S1. Fluorescent activated cell sorting (FACS) plots from three patients: one from each group- an allogeneic stem cell transplant recipient (Allo-SCT) a patient with a B-cell malignancy (CLL) and a patient with chronic myeloid leukemia (CML) - and a control with robust T-cell responses to H1N1 vaccine. Cells were gated on CD3⁺ lymphocytes. The Y axis represents CD8 expression and the X axis represents TNF α + INF γ production. The allo-SCT patient (upper left panel), CLL patient (lower left panel) and the healthy control (lower right panel) received both the 2009 H1N1 vaccine and the 2009/2010 seasonal influenza vaccine, while the CML patient (upper right panel) was only vaccinated with the 2009 H1N1 vaccine.