



Figure S2. Flow cytometry cell sorting (FACS) gating strategy and analysis of PBMC samples from ten subjects, related to Figure 1. (A) Memory B cells were sorted by CD14⁻, CD3⁻, CD19⁺, IgD⁻, IgM⁻, CD27⁺, IgG⁺ reactivity prior to sorting based on HA reactivity. After gating for single lymphocytes and the exclusion of CD14⁺ monocytes, CD3⁺ T cells and dead cells, CD27⁺ IgG⁺ IgD⁻ IgM⁺ CD19⁺ B cells were stained with recombinant HA probes to resolve H5(A/Indonesia/05/2005) / H1(A/New Caledonia/20/1999) or H5/ H3 (A/Perth/16/2009) cross-reactive B cell populations. **(B)** Pre-vaccination samples was available for six donors to allow group 1-2 B cell sorting. **(C)** Group 1 cross-reactive (H1+H5⁺) and group 1-2 cross-reactive (H3+H5⁺) FACS plots for ten subjects are shown.