

Supplemental Figure 2. **SLE patients have increased percent DN B cells compared to healthy donors.** PBMCs isolated from SLE patients and healthy donors were stained for CD19, CD20, IgD, and CD27. Lymphocytes were gated on based on FSC and SSC (A), and single cells based on FSC-A and FSC-H (B). Within the lymphocyte gate, B cells were gated on CD19+ CD20+ cells (C). B cells were further sub-gated based on IgD and CD27 expression (D). SLE patients had higher percent DN B cells (IgD-CD27-) ($p < 0.005$) (F), lower percent switched memory (IgD-CD27+) ($p < 0.05$) (H), and lower unswitched memory B cells (IgD+CD27+) ($p < 0.0001$) (I) compared to healthy donors and unchanged naïve (G) and total (E) B cells. Representative plots from a SLE patient. Error bars depict standard error of the mean.

