

Supplementary Table S1. Tertile definitions for the analyses shown in Tables 1 and 2

Section 1			
Biomarker*	Tertile 1	Tertile 2	Tertile 3
B cells (CD19+)	4–60	60–138	138–2516
B cells (CD20+)	1–57	57–137	137–2491
Naïve B cells (CD19+/CD20+/CD27-)	0–44	44–109	109–2038
Memory B cells (CD19+/CD20+/CD27+)	0–9	9–21	21–503
Activated B cells (CD20+/CD69+)	1–1214	1214–3226	3226–160,547
Plasmacytoid B cells (CD19+/CD20+/CD138+)	0–434	434–1367	1367–75,959
SLE subset plasma cells (CD19+/CD27 ^{BRIGHT+} /CD38 ^{BRIGHT+})	0–166	166–508	508–10,696
Short-lived plasma B cells (CD19+/CD20-/CD27 ^{BRIGHT+})	0–162	162–512	512–10,143
Plasma B cells (CD19+/CD20-/CD138+)	0–279	279–777	777–11,765
IgG	2.6–12.5	12.5–16.9	16.9–61.9
Section 2			
Biomarker, % change from baseline	Tertile 1	Tertile 2	Tertile 3
B cells (CD19+)	-91.54 to -39.47	-39.47 to 1.43	1.43 to 560.00
B cells (CD20+)	-100.00 to -38.64	-38.64 to 6.76	6.76 to 725.00
Naïve B cells (CD19+/CD20+/CD27-)	-100.00 to -57.58	-57.58 to -14.29	-14.29 to 650.00
Memory B cells (CD19+/CD20+/CD27+)	-100.00 to 5.88	5.88 to 100.00	100.00 to 2566.67
Activated B cells (CD20+/CD69+)	-99.26 to -62.67	-62.67 to 19.08	19.08 to 14,973.03
Plasmacytoid B cells (CD19+/CD20+/CD138+)	-98.45 to -63.71	-63.71 to 9.77	9.77 to 17,800.00
SLE subset plasma cells (CD19+/CD27 ^{BRIGHT+} /CD38 ^{BRIGHT+})	-100.00 to -51.55	-51.55 to 36.67	36.67 to 10,112.50
Short-lived plasma B cells (CD19+/CD20-/CD27 ^{BRIGHT+})	-100.00 to -56.53	-56.53 to 13.53	13.53 to 22,433.33
Plasma B cells (CD19+/CD20-/CD138+)	-100.00 to -52.17	-52.17 to 17.31	17.31 to 2376.32
IgG	-64.78 to -13.81	-13.81 to -3.08	-3.08 to 94.40

*All data are cells per μL , except for IgG (g/L)

CD, cluster of differentiation; Ig, immunoglobulin; SLE, systemic lupus erythematosus