



Supplemental Data Fig. S1. Proportions of blood group A-specific B cell subsets. (A, B) The proportion of blood group A-specific B cells among each B cell subset before (A) and one year after (B) kidney transplantation. B cell subsets were classified into memory B2 cells (CD20⁺CD27⁺CD43⁻CD1c⁻), MZB cells (CD20⁺CD27⁺CD43⁻CD1c⁻), B1 cells (CD20⁺CD27⁺CD43⁺CD1c⁻), and MZ-B1 cells (CD20⁺CD27⁺CD43⁺CD1c⁺). (C, D) The proportion of blood group A-specific B cells among each B cell subset before (C) and one year after (D) kidney transplantation. B cell subsets were classified into CD27⁻CD43⁻ naïve B2 cells, CD27⁺CD43⁻ memory B2 cells, CD27⁺CD43⁺ B1 cells, CD5⁺ B1 cells, CD11b⁺ B1 cells, and CD5⁺CD11b⁺ B cells. The results are expressed as the mean ± SEM; N=8 in the pre-transplant groups and N=10 in the post-transplant groups.

**P* < 0.05 compared with the naïve B2 cell group.

Abbreviations: MZB, marginal zone B cells; MZ-B1, marginal zone-B1 cells; SEM, standard error of the mean.