**Table S1. Antibody panel for 4-colour B-cell phenotyping**

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| Panel FITC PE percp-eflour710 APC |
| B1 CD27 Anti-IgD Anti-IgM CD19 |
| B2 CD38 CD21 Anti-IgM CD19 |

 **Abbreviations:** APC: Allophycocyanin, FITC: Fluorescein isothiocyanate, PE: Phycoerythrin, PerCp: peridinin chlorophyll protein -eFluor710