Figure ESM1. KGYY<sub>15</sub> does not elicit an apparent immune response to itself or CD154. NOD mice were injected weekly for 7 weeks with 1 mg/kg of KGYY<sub>15</sub>. (a) Serum was collected from injected or control mice and used, followed by anti-mouse-IgG secondary antibody, in western blots for detection of KGYY<sub>15</sub> peptide or soluble CD154 (sCD154; KGYY15 and sCD154 sizes are indicated with arrows). An even longer exposure also revealed no bands. As a standard, KGYY<sub>15</sub>-biotin was run and detected with streptavidin-HRP. Experiment was done twice, pooling serum from 2 and 3 mice in each experiment, respectively. (b) Sorted splenic APC were loaded with KGYY<sub>15</sub> or not. T cells were CFSE labelled then exposed to APC (+/- KGYY<sub>15</sub>) and incubated for 5 days. Proliferation was assessed by CFSE dilution. Representative histogram of CFSE dilution: Black line – T cells alone; Grey tinted – T cells + APC alone; Dotted line – T cells + APC loaded with KGYY<sub>15</sub>. Graph depicts cumulative data (n=5 in each group).