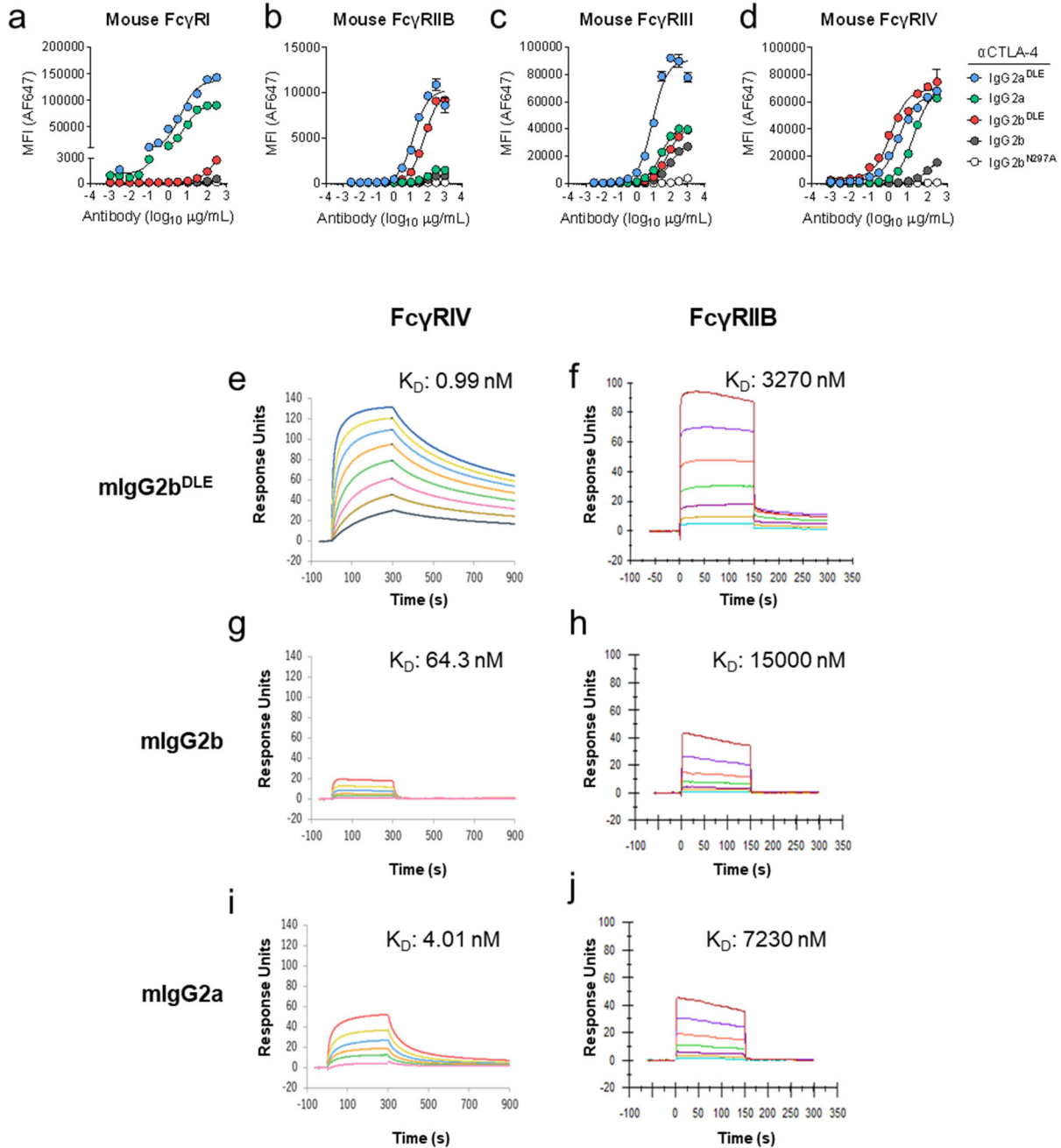


1 **Supplementary Figure S1**



2

3 **Supplementary Figure S1. Binding of mouse α CTLA-4 antibodies to mouse Fc γ receptors.**

4 **(a-d)** Mouse α CTLA-4 antibodies (clone 9D9) binding to Chinese hamster ovarian cells genetically
 5 engineered to express mouse **(a)** Fc γ receptor (Fc γ R) I, **(b)** Fc γ RIIB, **(c)** Fc γ RIII or **(d)** Fc γ RIV.
 6 Cells were incubated with IgG2a^{DLE}, IgG2a, IgG2b^{DLE}, IgG2b or IgG2b^{N297A} mouse α CTLA-4

7 antibodies. Binding was analyzed by flow cytometry using an Alexa Fluor 647 fluorochrome
8 conjugated anti-mouse F(ab')₂ secondary antibody. **(e-j)** Binding kinetics of mouse IgG2b^{DLE}, **(e**
9 **and f)** IgG2b **(g and h)** and IgG2a **(i and j)** αCTLA-4 antibodies to mouse FcγRIV **(e, g and i)** and
10 FcγRIIB **(f, h and j)** proteins as determined by surface plasmon resonance. FcγR proteins were
11 captured on a sensor chip and a range of antibody concentrations injected. Representative
12 sensorgrams are shown and the binding affinity (K_D) for each interaction indicated in the
13 respective panels.