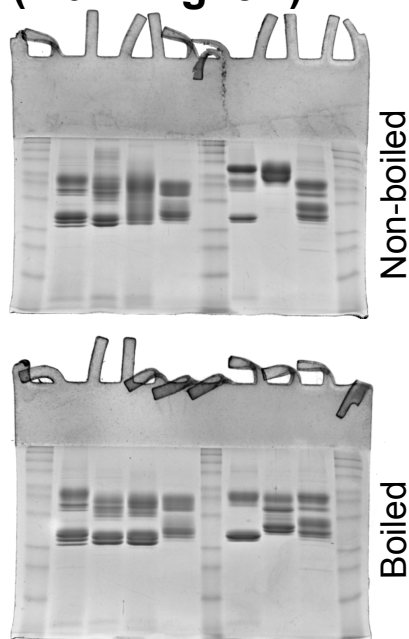


SUPPLEMENTARY INFORMATION

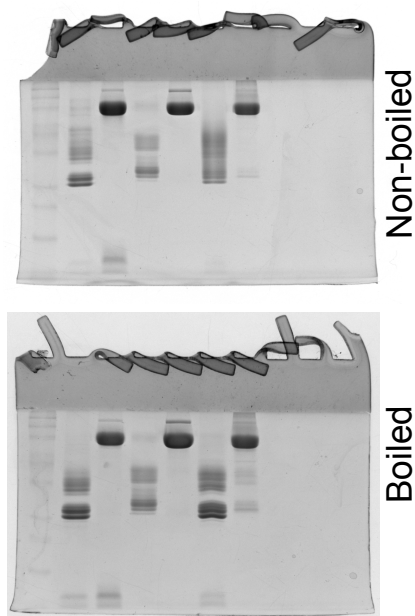
**INCREASED STABILITY, YIELDS AND BIOLOGICAL POTENCY OF KNOB-INTO-HOLE-BASED
SOLUBLE MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II MOLECULES**

Serra et al.

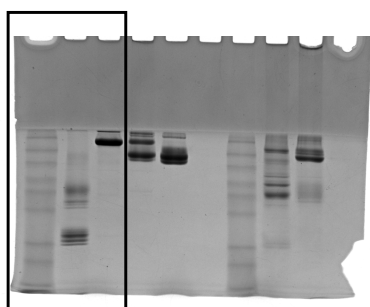
A (main Fig. 5A)



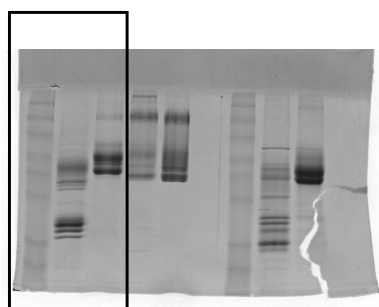
B (main Fig. 5B)



C (main Fig. 6D)

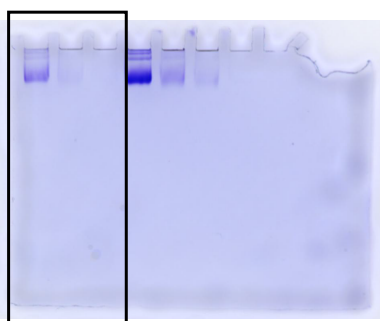


Without β ME

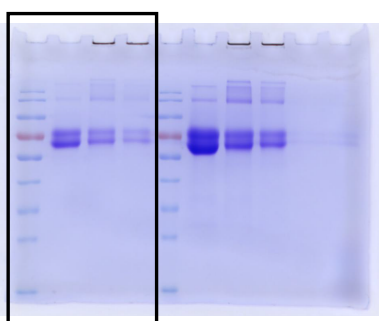


With β ME

D (main Fig. 7A)

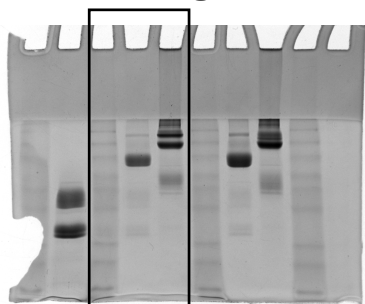


Native

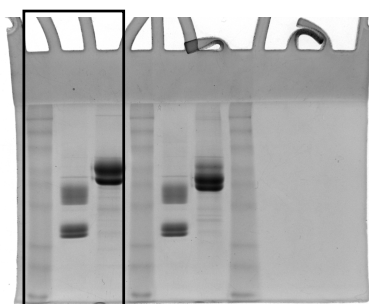


Denaturing

E (main Fig. 9F)



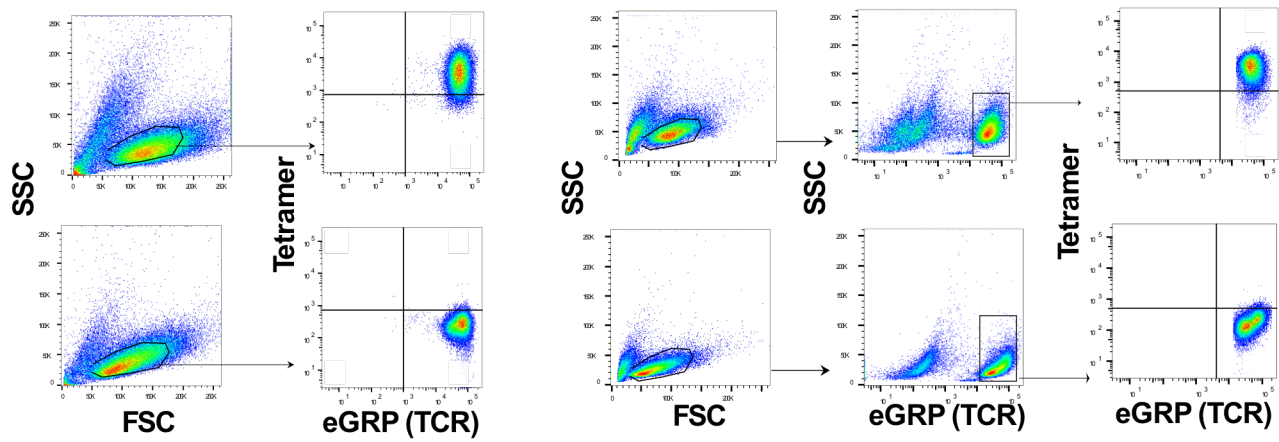
Boiled without β ME



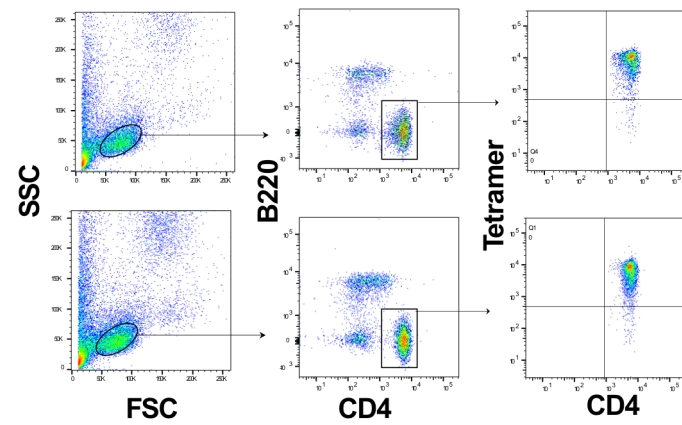
Boiled with β ME

Supplementary Figure 1. Uncropped SDS-PAGE gels corresponding to the stated Figure panels.

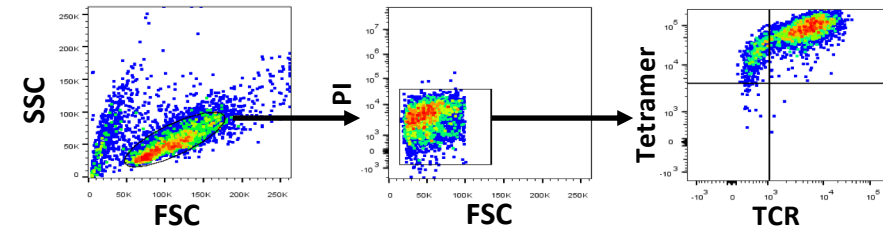
A (Fig. 5C/9B and 9A)



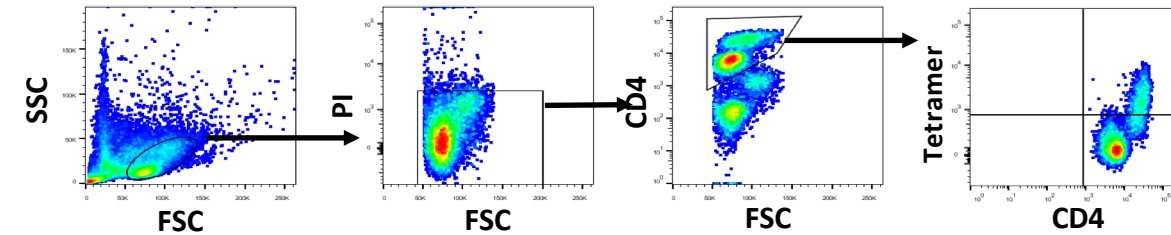
B (Fig 6E)



C (Fig. 9G-9H)



D (Fig. 9i)



Supplementary Figure 2. Gating strategies for FACS analysis. A. Gating strategy to analyze the TCR-transduced Jurkat cell lines shown on Figs. 5C and 9B (left), and 9A (right). **B.** Gating strategy to analyze the CD4+ T-cells of BDC2.5 TCR-transgenic NOD mice. **C.** Gating strategy to analyze the TCR-transduced Jurkat cell lines shown on Figs. 9G and 9H. **D.** Gating strategy to analyze human peripheral blood mononuclear cells (PBMCs) spiked with clonal CD4+ T-cells shown on Fig. 9i.