

Supplemental Figure 2: Expression of murine TCR by T cells electroporated with CEA:691-699 reactive murine TCR  $\alpha$  and  $\beta$  chain RNAs. RNAs encoding wild type and codon optimized TCR  $\alpha$  and  $\beta$  chains were used to electroporate human CD8+ and CD4+ T cells previously stimulated to proliferate with anti-CD3 and IL-2. TCR expression was evaluated approximately 24 hours later by FACS using a monoclonal antibody against the constant region of the murine  $\beta$  chain.