



S6 Fig. Recognition of endogenously processed S172 peptide by T cells grafted with S172-specific TCRs.

Specific lysis or IFN- γ secretion of HBV-replicating HepG2.2.15 (A) or HBV⁻ HepG2 (B) hepatoma cells by CD8⁺ or CD4⁺ T cells grafted with S172-specific TCR WL12 (blue) or WL31 (red). After retroviral transduction CD8⁺ and CD4⁺ T cells were separated by MACS. The x-axis indicates the ratio of TCR⁺ effector cells co-cultured with target cells for 72 hours. (C) HeLa cells transduced to stably express HLA-A*02 and transiently transfected with an S-plasmid were co-cultured with two different numbers of T cells. Data are presented as mean values \pm SEM from triplicate co-cultures.