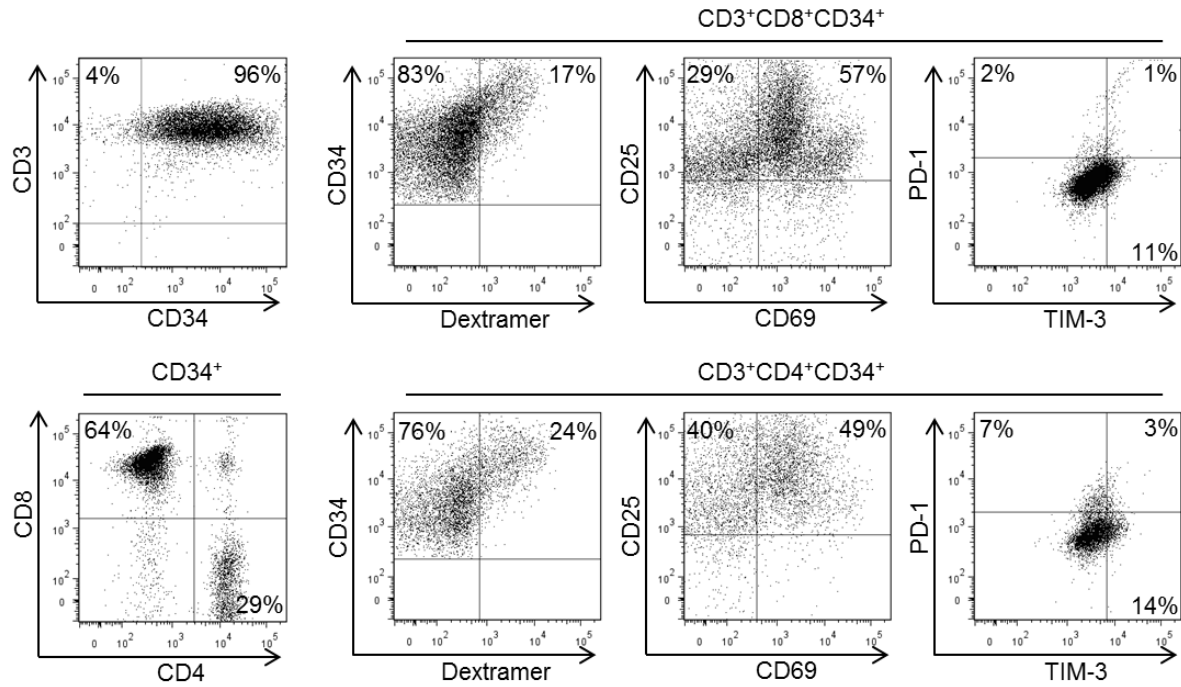**Supplementary figure S1** Dual-antigen recognition by HCV TCR 1406-transduced CMVpp65:495-503 peptide stimulated T cells. CMVpp65:495-503 peptide-stimulated T cells transduced with the HCV TCR (lower panels) or untransduced (upper panels) were cocultured with 624 MEL cells (left panels), 624 MEL cells expressing HCV NS3:1406-1415 mini-gene (middle panels), or 624 MEL cells expressing CMVpp65:495-503 mini-gene (right panels). The percentage of tetramer/IFNγ double-positive cells is shown in the upper right quadrant of each histogram

Supplementary figure S2 Immunofluorescence analysis of HCV1406 TCR-transduced T cells.

PBL, shown from a representative normal donor, were transduced with the HCV1406 TCR

retroviral vector and immunomagnetically enriched for CD34t expressing cells. Transduction

efficiency post-selection was measured by CD34t expression. Subpopulations of

$CD3^+CD4^+CD34^+$ and $CD3^+CD8^+CD34^+$ were analyzed for HCV NS3:1406-1415 dextramer binding

and markers of activation (CD25, CD69) or exhaustion (PD-1, TIM-3)