Supplementary Figure 12 Recognition of HLA-A*11:01 and GTS1 mutants by NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clones. (a) Avidity of the NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clones 44-173 13 (D13) and 44-173 30 (D30) for the indicated HLA-A*11:01-GTS1 mutant tetramers. The TRBV7-6\textsuperscript{+} NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clone E5 was included as a control. Data represent three independent experiments. Error bars indicate SD. gMFI, geometric mean fluorescence intensity. (b) Functional sensitivity of the NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clones 44-173 13 (D13) and 44-173 30 (D30) for the indicated GTS1 mutant peptides in IFN-\(\gamma\) ELISpot assays. The TRBV7-6\textsuperscript{+} NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clone E5 was included as a control. Data represent three independent experiments. Error bars indicate SD. (c) Effector function profiles for the NS3\textsubscript{133} DENV-specific CD8\textsuperscript{+} T cell clones 44-173 13 (D13) and 44-173 30 (D30) stimulated with the indicated GTS1 mutant peptides. The TRBV7-6\textsuperscript{+} clone E5 was included as a control. Five readouts were measured by flow cytometry (CD107a, MIP-1\(\beta\), TNF-\(\alpha\), IFN-\(\gamma\), and IL-2). Data represent two independent experiments. Pie chart segments depict the fraction of cells expressing the number of functions indicated in the key.