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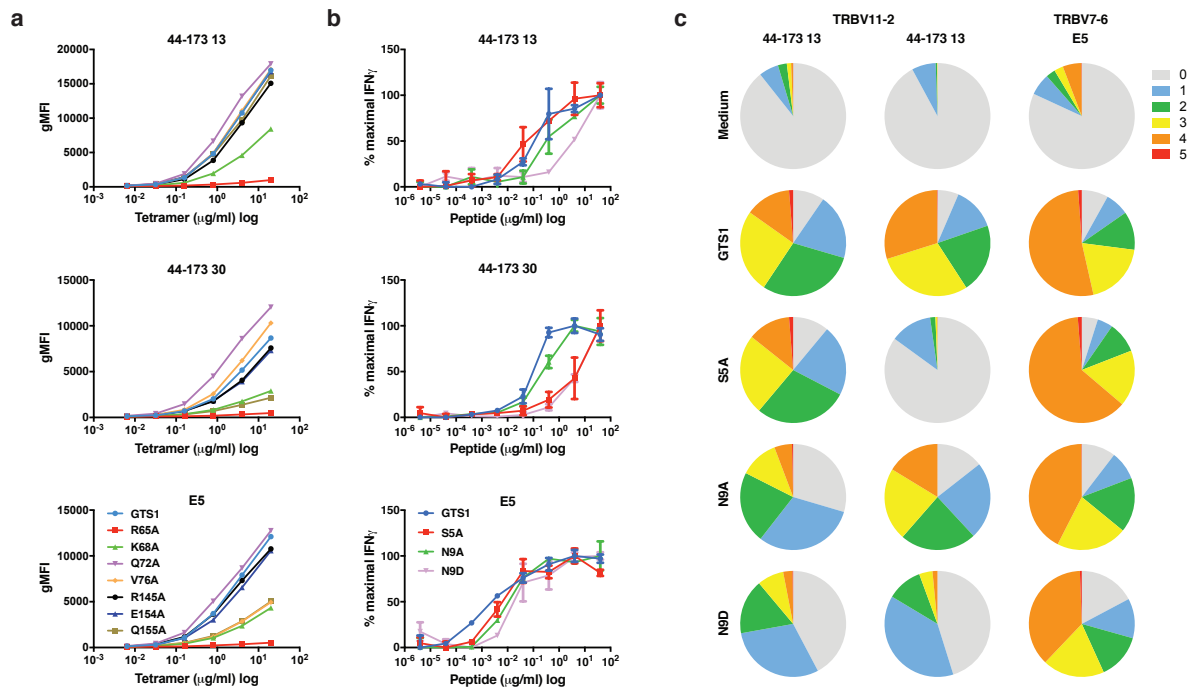
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Supplementary Figure 12 Recognition of HLA-A*11:01 and GTS1 mutants by NS3₁₃₃ DENV-specific CD8⁺ T cell clones. **(a)** Avidity of the NS3₁₃₃ DENV-specific CD8⁺ T cell clones 44-173 13 (D13) and 44-173 30 (D30) for the indicated HLA-A*11:01-GTS1 mutant tetramers. The TRBV7-6⁺ NS3₁₃₃ DENV-specific CD8⁺ 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 NS3₁₃₃ DENV-specific CD8⁺ T cell clones 44-173 13 (D13) and 44-173 30 (D30) for the indicated GTS1 mutant peptides in IFN- γ ELISpot assays. The TRBV7-6⁺ NS3₁₃₃ DENV-specific CD8⁺ T cell clone E5 was included as a control. Data represent three independent experiments. Error bars indicate SD. **(c)** Effector function profiles for the NS3₁₃₃ DENV-specific CD8⁺ T cell clones 44-173 13 (D13) and 44-173 30 (D30) stimulated with the indicated GTS1 mutant peptides. The TRBV7-6⁺ clone E5 was included as a control. Five readouts were measured by flow cytometry (CD107a, MIP-1 β , TNF- α , IFN- γ , 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.