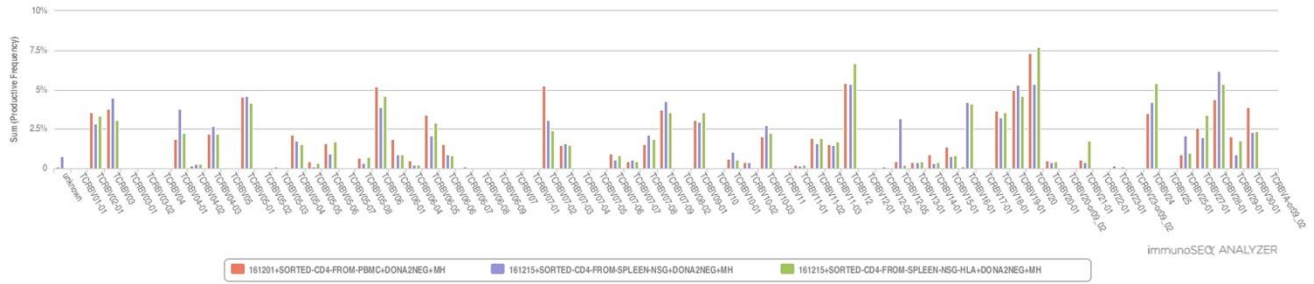
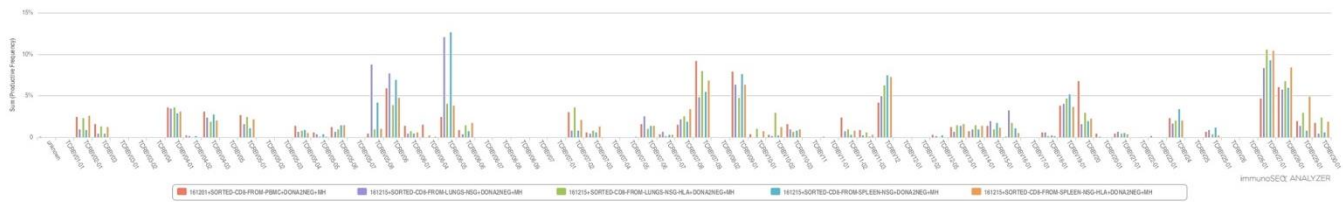


A**B**

Supplemental Figure 1. Ten NSG and NSG-HLA-A2/HHd mice received sublethal total body irradiation (2.5 Gy) and were infused 24h later with 2×10^6 human PBMCs intravenously. PBMCs were isolated from an HLA-A2⁻ healthy donor. Mice were sacrificed at day 14 to collect their spleen and lungs. Spleen and lungs homogenates were respectively pooled (10 NSG and 10 NSG.A2) and 1 million of CD4⁺ and CD8⁺ T cells were sorted by flow cytometry. DNA was extracted immediately after sorting and TCRB sequencing was performed by Adaptive Biotechnologies. (A-B) TCRB V family usage of CD4⁺ T cells in donor PBMCs (orange) and spleen of NSG (purple) and NSG-HLA-A2/HHd mice (green) (A) and of CD8⁺ T cells in donor PBMCs (orange), lungs of NSG (purple) and NSG-HLA-A2/HHd (green) and in spleen of NSG (blue) and NSG-HLA-A2/HHd mice (orange) (B).