



Figure S7. Functional analysis of nano-aAPC expanded MART-1 Tet⁺ CD8⁺ T-cells post-PD-1 treatment.

(A) Representative staining of MART-1 Tet⁺ CD8⁺ T-cells for CD107a, TNF α , IFN γ and IL-2 cytokines from 2 patients who were treated with nivolumab. The expanded CD8⁺ T-cells were co-cultured with T2 cells which were pulsed with the MART-1₂₆₋₃₅ A27L peptide. (B) Polyfunctional analysis of MART-1 Tet⁺ CD8⁺ T-cells. All combinations of responses were shown. (C) The data were summarized in a pie chart. Error bars indicate mean \pm SD.