



Figure S3. Polyfunctional analysis of MART-1 Tet⁺ CD8⁺ T-cells expanded by nano-aAPC or DCs.

(A and B) All combinations of responses corresponding to 4 melanoma patients were assessed. Responses of four (A) and three functions (B) of MART-1 Tet⁺ CD8⁺ T-cells were shown. (C) Summary of expression of CD107a, TNF α , IFN γ and IL-2 from the same melanoma patients (n=4). (D) Representative staining patterns of MART-1 Tet⁺ CD8⁺ T-cells expanded by nano-aAPC or DCs from the same melanoma patients. Specific lysis of MART-1 Tet⁺ CD8⁺ T-cells expanded by nano-aAPC (red) or DCs (blue) from the same melanoma patients at ET=1. Specific lysis of MART-1 Tet⁺ CD8⁺ T-cells expanded by DCs from the same melanoma patients at ET=10. Error bars indicate mean \pm SD. Significance was assessed by Student's two-tailed *t* test.