Supplementary Figure 4
Pre- and post-treatment PET scans showing evidence of major tumor response and MART-1-specific TCR transgenic cell levels in patient F5-10

a) Baseline 9/15/10  Post + 35 11/9/10  Post + 56 11/30/10  Post + 171 03/25/11

Bone marrow infiltration by progressive metastatic melanoma

Transient tumor response

Pancytopenia

b) MART-1 tetramer

Baseline

Infused TCR transduced cells

Day +7

Day +15

Day +39

CD3

Solumedrol, ATG, cyclosporin