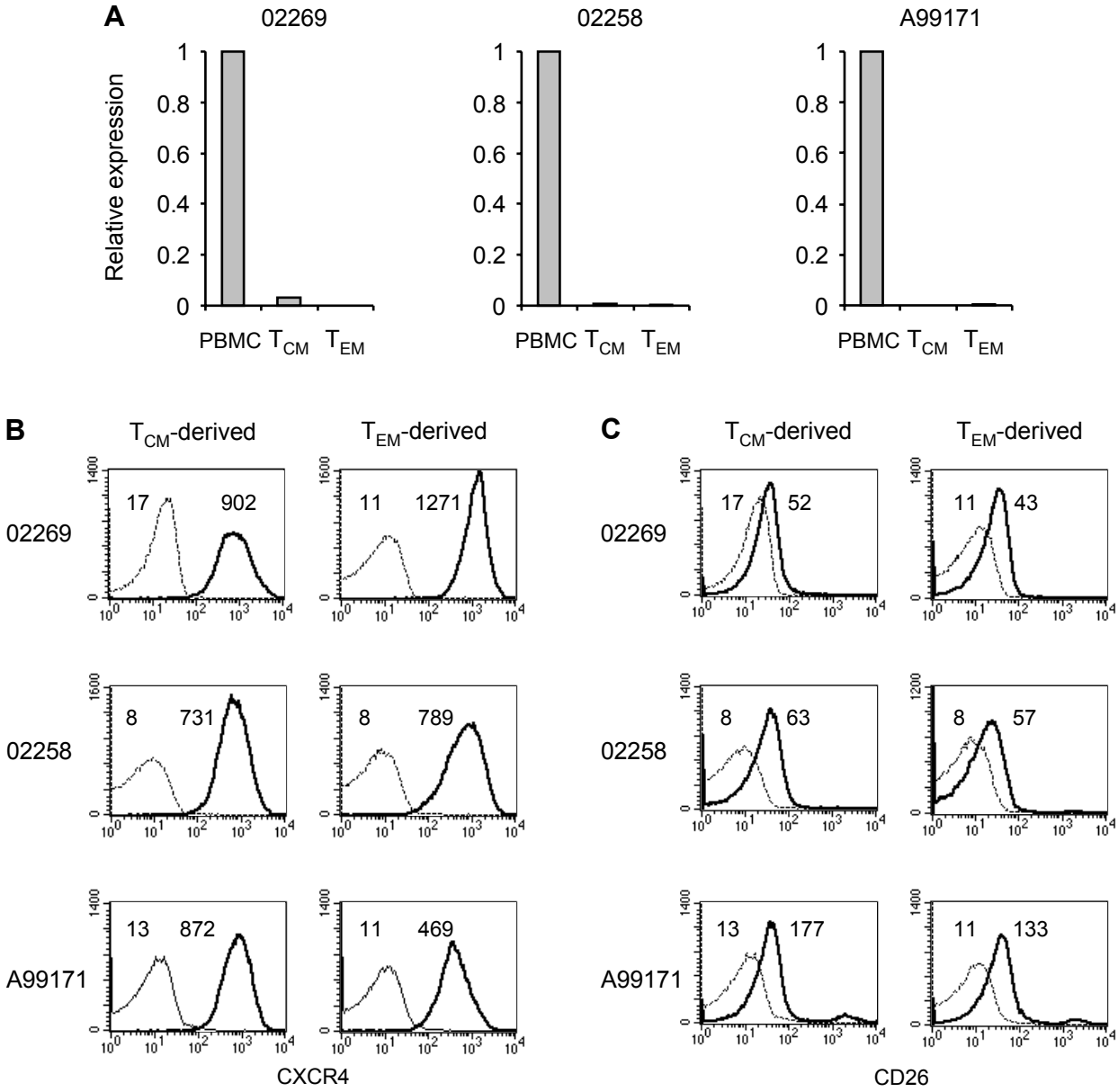
A
02269
02258
A99171
Relative expression
1
0.8
0.6
0.4
0.2
0
PBMC
T_{CM}
T_{EM}
B
C
T_{CM}-derived
T_{EM}-derived
02269
02258
A99171
17
902
11
1271
8
731
8
789
13
872
11
469
17
52
11
43
8
63
8
57
13
177
11
133
CXCR4
CD26

Supplementary Figure 1 Berger, C. et al.

Characterization of CMV-specific $CD8^+$ T cell clones derived from T_{CM} and T_{EM} subsets. (A) Expression of CD62L was determined in samples of PBMC and individual T_{CM} and T_{EM}-derived CMV-specific $CD8^+$ T cell clones by quantitative RT-PCR as described in "Methods". The GAPDH gene was used as a standard to correct for RNA quantity and quality. The expression level of CD62L was normalized to that of GAPDH and compared between PBMC and T_{CM} and T_{EM}-derived CMV-specific $CD8^+$ T cell clones used for the adoptive transfer in macaque 02269, 02258, and A99171, respectively.
(B, C) Phenotypic analysis of CMV-specific $CD8^+$ T cell clones derived from T_{CM} and T_{EM} subsets. Expression of CXCR4 (B) and CD26 (C) on individual T_{CM} and T_{EM}-derived CMV-specific $CD8^+$ T cell clones from three macaques was examined after staining with phycoerythrin-conjugated CXCR4 or CD26 antibodies (bold line) or with an isotype control antibody (dotted line), respectively. Inset values represent the mean fluorescence intensity. The data is shown for pairs of T_E clones used for adoptive transfer in macaque 02269, 02258, and A99171.