FIG. S1.

Dose-dependent co-cultures

Percent of MOLM13 cells lysed

CD4CAR T-cell
GFP Control T cells

Dose

0.25:1  0.5:1  1:1  2:1  5:1
FIG. S2.

CAMPATH experiment design

A

IV injection of CD4CAR T cells

~ 24 h later IP injection of CAMPATH

Collect peripheral blood at each time point

Euthanized mouse, and then collect Whole blood Spleen Liver Bone marrow

6 h 48 h 5 days

B

Peripheral blood at 6 hours

Negative Control w/o Alemtuzumab with Alemtuzumab

CD3

CD45

C

Peripheral blood at 48 hours

Negative Control w/o Alemtuzumab with Alemtuzumab

CD3

CD45

D

CAMPATH treatment eliminates CAR T cells in whole blood

% CAR T cell depletion

6 h 48 h

Whole Blood

E

CAMPATH treatment eliminates CAR T cells in tissues

% CAR T cell depletion

Whole Blood Spleen Liver Bone Marrow