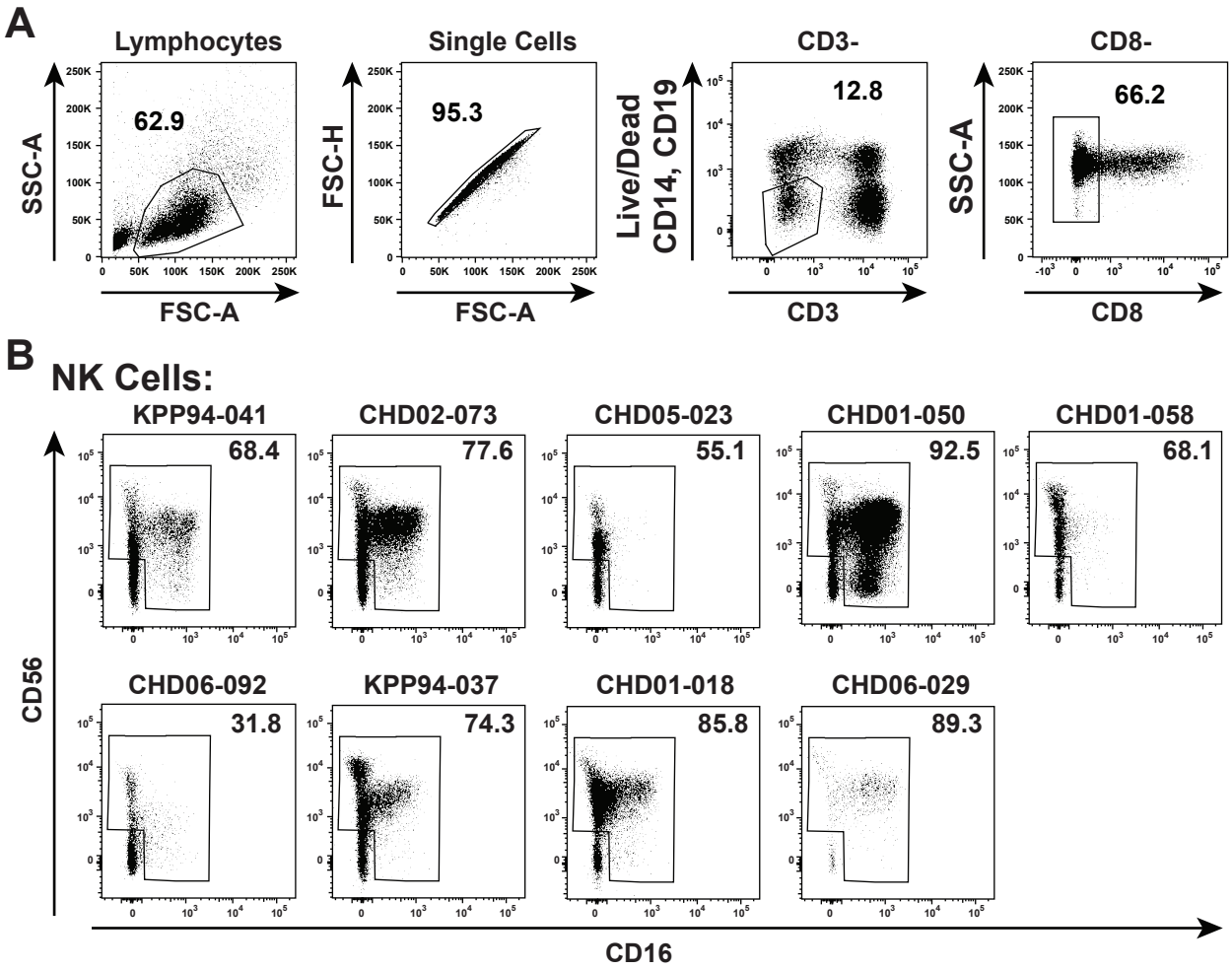
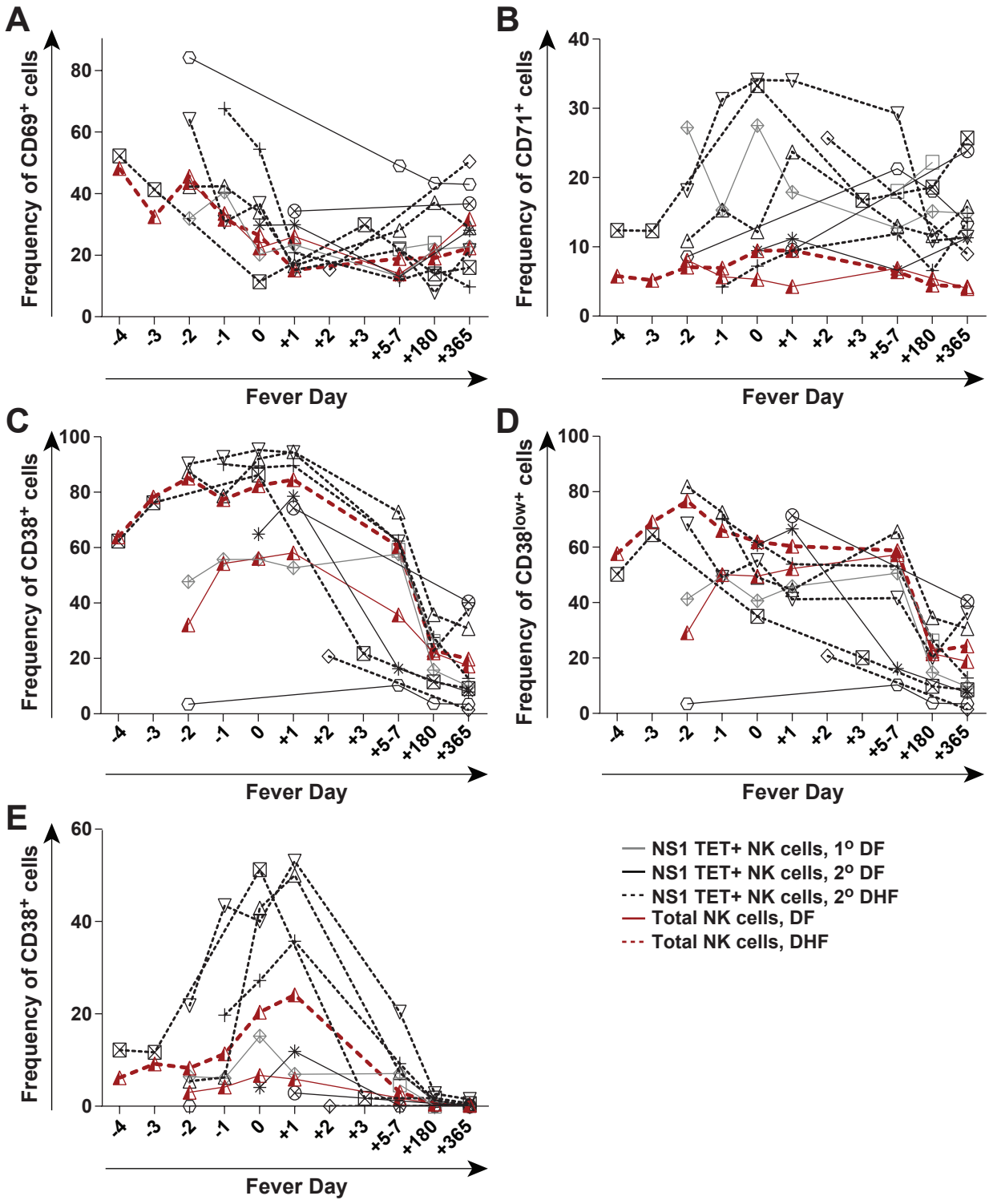
Supplemental Figure 1



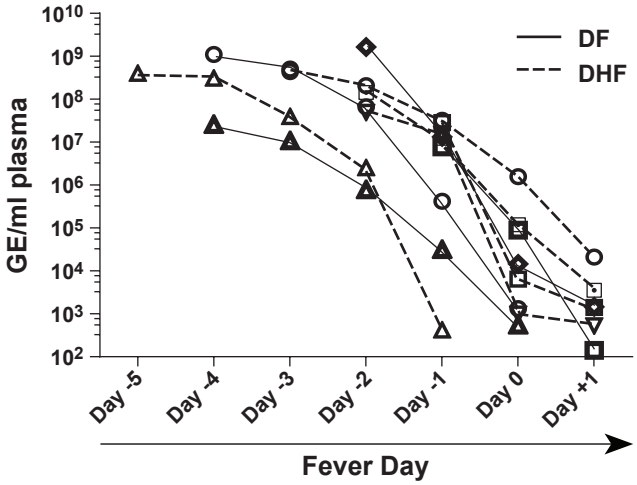
Supplemental Figure S1. Frequencies of NK cells in the CD3$^-$CD8$^-$CD14$^-$CD19$^-$ gate. (A) Gating strategy to identify CD3$^-$CD8$^-$CD14$^-$CD19$^-$ cells. Cells were first selected within the lymphocyte gate as defined by forward and side scatter profiles. Singlets were then identified and live CD3$^-$CD14$^-$CD19$^-$ cells were selected in a dump (LIVE/DEAD® Green with αCD14 and αCD19) versus CD3 bivariate plot. CD8$^-$ cells were gated within this population. (B) Frequencies of CD56$^+$ and/or CD16$^+$ NK cells in PBMCs collected from Thai cohort subjects 2 years after acute DENV infection. Plots are gated on live CD3$^-$CD8$^-$CD14$^-$CD19$^-$ cells.

Supplemental Figure 2



Supplemental Figure S2. Activation of NS1 TET$^+$ and total NK cells over the course of acute dengue illness. Kinetics of CD69 (A), CD71 (B), total CD38 (C), CD38^{low} (D), and CD38^{hi} (E) expression on NS1 TET$^+$ and total NK cells during acute dengue illness and convalescence. The average frequencies of CD69$^+$, CD71$^+$, total CD38$^+$, CD38^{low}, and CD38^{hi} total NK-enriched cells are shown using a solid red line for subjects with DF and a dashed red line for subjects with DHF. Symbols distinguish subjects with primary (*n=2*, grey symbols) versus secondary (*n=8*, black symbols) DENV infections and lines distinguish those with DF (*n=5*, black line) versus DHF (*n=5*, dashed line).

Supplemental Figure 3



Supplemental Figure S3. Magnitude of DENV viremia by day of illness. Levels of DENV genome equivalent (GE) cDNA (copies/mL) were determined in serial plasma samples from HLA-B57^{+} patients. Symbols denote individual subjects and lines distinguish those with DF (*n=4*, black line) versus DHF (*n=5*, dashed line).

SUPPLEMENTAL TABLE 1: Antibodies used for flow cytometry studies

Marker	Clone	Manufacturer	Fluorochrome
CD3	UCHT1	BD Biosciences	V500
		BioLegend	BV510
	OKT3	BioLegend	BV510
CD8	SK1	Invitrogen	PE-AlexaFluor610
CD45RA	HI100	BD Pharmingen	APC-H7
CCR7	150503	BD Horizon	V450
CD69	CH/4	Invitrogen	PE-Cy5.5
	FN50	BioLegend	BV650
CD38	HB7	eBioscience	eFluor®650NC
CD57	HCD57	BioLegend	PerCP/Cy5.5 (Lightening Link)
CD71	OKT9	eBioscience	PE-Cy7 (Lightening Link)
	CY1G4	BioLegend	APC
CD28	CD28.2	BioLegend	AlexaFluor700
CD56	B159	BD Biosciences	AlexaFluor700
CD19	HIB19	BD Biosciences	FITC
CD14	HCD14	BioLegend	FITC
CD56	HCD56	BioLegend	BV711
CD16	3G8	BD Horizon	APC-H7
NKp30	P30-15	BioLegend	APC
NKp46	9E2	BioLegend	BV421
CD161	HP-3G10	BioLegend	BV605
NKG2D	1D11	BD Biosciences	PE-CF594
KIR3DL1	DX9	Beckman Coulter	PE
		BioLegend	PE
KIR3DL1/S1	Z27	Beckman Coulter	APC
HLA-A,B,C	W6/32	BD Biosciences	APC, PE, FITC
		BioLegend	PE
HLA-B57	BIH0243	One Lambda	PE-NeutrAvidin