

**Supplementary Table S1.** List of antibodies used for mass cytometry characterization of conventional NK cells.

Tag	Antibody	Clone	Source
89Y	CD45 <sup>#</sup>	HI30	Fluidigm
141Pr	CD14	M5E2	Biologend
142Nd	CD19	HIB19	Biologend
143Nd	KIR3DL1 <sup>#</sup>	DX9	R&D
145Nd	KR2DS4 <sup>#</sup>	FES172	Beckman
146Nd	KIR2DL1-2DS1 <sup>#</sup>	HP-3E4	BD Biosciences
147Sm	NKG2D <sup>#</sup>	1D11	R&D
148Nd	KIR2DL2-2DL3 <sup>#</sup>	CH-L	BD Biosciences
149Sm	CD127	A019D5	Fluidigm
150Nd	Mip1a	93342	R&D
151Eu	CD107a	H4A3	Fluidigm
152Sm	CD8 <sup>#</sup>	SK1	Biologend
153Eu	CD62L	DREG-56	Fluidigm
154Sm	KIR2DL5	UP-R1	Milteni
155Gd	CD27 <sup>#</sup>	L128	Fluidigm
156Gd	PDL1-PDL2	29E.2A3	eBioscience
158Gd	CD137	4B4-1	Fluidigm
159Tb	NKG2C <sup>#</sup>	134591	R&D
160Gd	CD69	FN50	Biologend
161Dy	NKp30 <sup>#</sup>	P30-15	Biologend
162Dy	LAG3	11C3C65	Biologend
163Dy	CD94 <sup>#</sup>	DX22	Biologend
164Dy	Tim-3	F38-2E2	Biologend
165Ho	CD16	3G8	Fluidigm
166Er	NKG2A <sup>#</sup>	Z199	Fisher
167Er	NKp44 <sup>#</sup>	P44-8	Biologend
168Er	IFN-g	B27	Fluidigm
169Tm	CD25	2A3	Fluidigm
170Er	NKp80 <sup>#</sup>	239127	R&D
171Yb	PD-1	ebioJ105	eBioscience
172Yb	CD57 <sup>#</sup>	HCD57	Fluidigm
173Yb	CD3	UCHT1	BD Biosciences
174Yb	NKp46	9E2	BD Biosciences
175Lu	TNF	Mab11	Fluidigm
176Yb	CD56 <sup>#</sup>	NCAM16.2	Fluidigm
195Pt	Cisplatin		
209Bi	CD11b <sup>#</sup>	ICR44	Fluidigm

#Clustering channels used to run viSNE and perform SPADE analysis.