

Table S1: Pathological characteristics and available data of NK-cell lymphoma cases (A) and NK cell lines (B).

A)

Samples	Age	Sex	Biopsy site	Clinical subtype	CD3 ϵ (cyto-plasmic)	CD2	CD5	CD7	CD4	CD8	CD56	TiA1	EBV	GEP data	Abnor-mal methyl-ation
NKCL-1	57	M	Nasal cavity	Extra-nasal	+	+	-		-	-	+	+	+	+	+
NKCL-2	40	F	Bone Marrow	Extra-nasal	+	NA	-	NA	-	+	+	+	+	+	+
NKCL-3	68	F	Nasal cavity	Nasal	+	NA	-	NA	NA	NA	+	+	+	-	+/-
NKCL-4	46	F	Nasal cavity	Nasal	+	+	-	+	-	-	+	+	+	+	+
NKCL-5	48	M	Nasal cavity	Nasal	+	NA	NA	NA	NA	NA	+	+	+	-	+
NKCL-6	79	M	Nasal cavity	Nasal	+	+	-	+	-	-	+	+	+	+	+
NKCL-7	66	M	Testis (secondary)	Nasal	+	+	-	-	-	-	+	+	+	+	+
NKCL-8	48	F	Bone Marrow	Extra-nasal	+	NA	-	NA	NA	NA	+	NA	+	-	+
NKCL-9	67	M	Nasopharyngeal region	Extra-nasal	+	+	-	+	-	+	+	+	+	-	+/-
NKCL-10	48	F	Small bowel	Extra-nasal	+	+	-	+	-	-	+	+	-	+	+
NKCL-11	42	M	Testis (secondary)	Nasal	+	+	-	NA	NA	NA	+	+	+	+	+
NKCL-12	47	F	Small intestine	Extra-nasal	NA	+	-	+	-	-	+	NA	-	-	+/-

B)

Cell line	Sex	Ethnicity	CD56	EBV	Cytokine dependency	GEP data used	MSCC data
KHYG1	F	Japanese	+	-	IL-2	+	+
NK-92	M	unknown	+	+	IL-2	+	+
YT	M	Japanese	+	+	No	-	-
SNK-1	M	Japanese	+	+	IL-2	-	-
SNK-6	M	Japanese	+	+	IL-2	-	-
NK-YS	F	Japanese	+	+	IL-2	+	-
KAI3	M	Japanese	+	+	IL-2	-	-

NA: Not available.