

Supplementary Table 1 Inhibitory NK receptors

Gene	Other Names	Species	Structure	Chromosome	Signaling	Ligand
<i>Klra1</i>	Ly49a	Mouse	C-lectin homodimer	6	1 ITIM	H2-D ^d , -D ^k
<i>Klra3</i>	Ly49c	Mouse	C-lectin homodimer	6	1 ITIM	H2-K ^b , -K ^d , -D ^d , -D ^k
<i>Klra5</i>	Ly49e	Mouse	C-lectin homodimer	6	1 ITIM	?
<i>Klra6</i>	Ly49f	Mouse	C-lectin homodimer	6	1 ITIM	H2 ^d
<i>Klra7</i>	Ly49g	Mouse	C-lectin homodimer	6	1 ITIM	H2-D ^d
<i>Klra9</i>	Ly49i	Mouse	C-lectin homodimer	6	1 ITIM	H2-D ^k
<i>Klrbl1a</i>	NKR-P1A	Mouse	C-lectin homodimer	6	1 ITIM	?
<i>Klrbl1b</i>	NKR-P1B	Mouse	C-lectin homodimer	6	1 ITIM	Ocil (Clrb)
<i>Lilrb4</i>	gp49b1	Mouse	Ig monomer	10	2 ITIM	$\alpha_v\beta_3$
<i>Pilra</i>	PILR α	Mouse	Ig monomer	5	1 ITIM	CD99
<i>CD244</i>	2B4	Mouse, human	Ig monomer	Mouse 1, Human 1q23.1	0 ITIM (4 ITSM)	CD48
<i>KLRG1</i>	Mafa	Mouse, human	C-lectin homodimer	Mouse 6, Human 12p12-p13	1 ITIM	E-cadherin, N-cadherin, R-cadherin
<i>KLRD1-KLRC1</i>	CD94-NKG2A (CD159a)	Mouse, human	C-lectin heterodimer	Mouse 6, Human 12p13	1 ITIM	Mouse Qa1 ^b , Human HLA-E
<i>KLRB1</i>	NKR-P1A, CD161	Human	C-lectin homodimer	12p13	1 ITIM	LLT1 (OCIL, CLEC2D)
<i>LAIR1</i>	LAIR-1, CD305	Mouse, human	Ig monomer	Mouse 7, Human 19q13.4	2 ITIM	Collagen
<i>LILRB1</i>	ILT2, LIR1, CD85j	Human	Ig monomer	19q13.4	4 ITIM	HLA class I
<i>KIR2DL3</i>	CD158b2	Human	Ig monomer	19q13.4	2 ITIM	HLA-C S77/N80
<i>KIR2DL2</i>	CD158b1	Human	Ig monomer	19q13.4	2 ITIM	HLA-C S77/N80
<i>KIR2DL1</i>	CD158b	Human	Ig monomer	19q13.4	2 ITIM	HLA-C N77/K80
<i>KIR3DL1</i>	CD158e1	Human	Ig monomer	19q13.4	2 ITIM	HLA-Bw4
<i>KIR2DL5A</i> <i>KIR2DL5b</i>	CD158f	Human	Ig monomer	19q13.4	2 ITIM	?
<i>KIR3DL2</i>	CD158k	Human	Ig homodimer	19q13.4	2 ITIM	HLA-A3, HLA-A11
<i>CEACAM1</i>	CD66a	Human	Ig monomer	19q13.2	2 ITIM	CD66
<i>SIGLEC7</i>	CDw328, p75	Human	Ig monomer	19q13.3	1 ITIM	α -2,8 disialic acid

For polymorphic mouse genes, such as *Klra* and *Klrbl*, only alleles for C57BL/6 mice are included. Only NK cell receptors for which protein expression has been confirmed are included.

Supplementary Table 2 Activating NK receptors

Gene	Other names	Species	Structure	Chromosome	Signaling	Ligand
<i>Klra4</i>	Ly49D	Mouse	C-lectin homodimer	6	DAP12	H2-D ^d
<i>Klra8</i>	Ly49H	Mouse	C-lectin homodimer	6	DAP12	MCMV m157
<i>Klra16</i>	Ly49P	Mouse	C-lectin homodimer	6	DAP12	MCMV?
<i>Klrblc</i>	NKR-P1C, NK1.1	Mouse	C-lectin homodimer	6	FcεRIγ	?
<i>Klrblf</i>	NKR-P1F	Mouse	C-lectin homodimer	6	FcεRIγ ?	Clrg
<i>Pilrb1</i>	PILRβ	Mouse	Ig monomer	5	DAP12	CD99
<i>CD244</i>	2B4	Mouse, human	Ig monomer	Mouse 1, Human 1q23.1	ITSM, SAP	CD48
<i>KLRD1-KLRC2</i>	CD94-NKG2C (CD159e)	Mouse, human	C-lectin heterodimer	Mouse 6, Human 12p13	DAP12	Mouse Qa1 ^b Human HLA-E
<i>KLRK1</i>	NKG2D, CD314	Mouse, human	C-lectin homodimer	Mouse 6, Human 12p13	Mouse DAP10 or DAP12, human DAP10 only	Mouse Rae-1, H60, MULT1 Human MICA, MICB, ULBP1-4
<i>KLRF1</i>	NKp80, CLEC5C	Human	C-lectin homodimer	12p13.2-p12.3	?	AICL
<i>KIR2DS1</i>	CD158h	Human	Ig monomer	19q13.4	DAP12	HLA-C N77/K80
<i>KIR2DS2</i>	CD158j	Human	Ig monomer	19q13.4	DAP12	?
<i>KIR2DS4</i>	CD158i	Human	Ig monomer	19q13.4	DAP12	HLA-Cw4
<i>KIR3DS1</i>	CD158e2	Human	Ig monomer	19q13.4	DAP12	?
<i>KIR2DL4</i>	CD158d	Human	Ig monomer	19q13.4	FcεRIγ	HLA-G
<i>NCR1</i>	NKp46, CD335	Human, mouse	Ig monomer	Mouse 7, human 19q13.4	FcεRIγ, CD3ζ	?
<i>NCR2</i>	NKp44, CD336	Human	Ig monomer	Human 6p21.1	DAP12	?
<i>NCR3</i>	NKp30, 1C7, CD337	Human	Ig monomer	Human 6p21.3	FcεRIγ, CD3ζ	?
<i>FCGR3</i>	CD16	Mouse, human	Ig monomer	Mouse 1, human 1q23	Mouse FcεRIγ, Human FcεRIγ or CD3ζ	IgG
<i>CD226</i>	DNAM-1, TLisa1	Mouse, human	Ig monomer	Mouse 18, human 18q22.3	Protein kinase C	CD112, CD155
<i>SLAMF7</i>	CRACC, CD319	Human	Ig monomer	Human 1q23.1-q24.1	ITSM, EAT2	CRACC
<i>SLAMF6</i>	NTB-A	Human	Ig monomer	Human 1q23.2	ITSM,	NTB-A

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Only receptors for which protein expression on NK cells has been confirmed are included.