

Table S1

NK cell receptor repertoire in NK cells from *Dicer*^{Δ/+}, *Dicer*^{Δ/Δ}, *Dgcr8*^{Δ/+}, and *Dgcr8*^{Δ/Δ} mice.

	<i>Dicer</i>^{Δ/+}	<i>Dicer</i>^{Δ/Δ}	<i>Dgcr8</i>^{Δ/+}	<i>Dgcr8</i>^{Δ/Δ}
Ly49H	43.9±4.9	44.2±2.1	50.6±3.1	42.4±3.3
Ly49D	43.0±6.2	43.4±5.1	47.9±3.9	42.1±1.6
CD94	50.3±2.8	55.1±4	48.9±1.2	48.8±3.0
Ly49G2	40.9±2.8	36.4±2.6	44.8±1.8	38.8±2.6
Ly49C/I	44.6±1.9	47.2±3.1	47.6±3.5	45.5±6.1
Ly49A	6.8±1.7	7.5±1.4	8.0±1.0	9.5±1.5

Table S2

List of miRNAs expressed in mouse (NK1.1⁺TCRβ⁻) and human (CD56⁺CD3⁻) NK cells, arranged from the highest to lowest expression level.

Mouse	Human
mmu-miR-690	hsa-mir-487
mmu-miR-709	dre-miR-739
hsa/mmu-mir-150	hsa/mmu-mir-150
dre-miR-739	hsa-miR-768-3p
hsa/mmu/dre-mir-23b	hsa/mmu/dre-let-7f
hsa/mmu-mir-142-5p;dre-mir-142a-5p	dre-mir-16b
hsa/mmu-mir-29a	hsa/mmu/dre-mir-23b
hsa/mmu/dre-mir-23a	hsa/mmu/dre-mir-23a
hsa/mmu-mir-16	hsa/mmulet-7g
hsa/mmu-mir-21	hsa/mmu/dre-mir-103
dre-mir-16b	hsa/mmu/dre-let-7a
hsa/mmu/dre-let-7a	dre-mir-16a
dre-mir-16a	hsa/mmu/dre-mir-26a
hsa/mmu/dre-let-7f	hsa/mmu/dre-mir-24
hsa/mmu/dre-mir-24	dre-mir-26b
hsa/mmu-mir-15b	hsa/mmu-mir-29a
dre-mir-26b	hsa/mmu-mir-16
mmu-miR-720	hsa-miR-768-5p
hsa/mmu-let-7g	hsa/mmu-mir-26b
dre-mir-29a	hsa/mmu-mir-15b
dre-mir-150	hsa/mmu/dre-let-7c
mmu-mir-140	hsa/mmu/dre-mir-107
hsa/mmu/dre-mir-103	hsa/mmu-mir-21
dre-mir-15b	mmu-miR-720
hsa/mmu/dre-mir-30d	hsa/mmu/dre-mir-223
hsa/mmu/dre-mir-26a	hsa/mmu-mir-142-5p;dre-mir-142a-5p
hsa/mmu-mir-29c;dre-mir-29a3	hsa-miR-638
hsa/mmu/dre-mir-30b	dre-mir-29a
hsa/mmu/dre-mir-29b	dre-mir-150
hsa/mmu-mir-191	hsa/mmu/dre-mir-181a
hsa/mmu/dre-mir-107	hsa/mmulet-7d
hsa/mmulet-7d	hsa/mmu-mir-29c;dre-mir-29a3
hsa/mmu/dre-let-7i	hsa/mmu-mir-146b
mmu-miR-805	hsa/mmu-mir-142-3p;dre-mir-142a-3p
hsa/mmu/dre-mir-10a	hsa/mmu/dre-mir-27a
hsa/mmu/dre-let-7c	hsa/mmu/dre-mir-221
hsa/mmu/dre-let-7b	hsa/mmu/dre-mir-30b
hsa/mmu/dre-mir-25	hsa/mmu/dre-mir-29b
hsa/mmu-mir-106b	hsa/mmu-mir-28
hsa/mmu-mir-15a	hsa/mmu-mir-494

mmu-mir-433-5p hsa-mir-146a;mmu-mir-146 hsa/mmu-mir-93 hsa/mmu/dre-mir-30c hsa/mmu/dre-mir-221 hsa/mmu/dre-mir-27a hsa/mmu-mir-142-3p;dre-mir-142a-3p hsa/mmu-mir-26b hsa/mmu-mir-130b hsa/mmu/dre-mir-20a mmu-mir-106a hsa/mmu/dre-mir-181a dre-let-7g hsa/mmu/dre-mir-19b hsa/mmu-mir-195 dre-mir-93 hsa/mmu-mir-17-5p;dre-mir-17a dre-mir-19c dre-mir-457a hsa/mmu-mir-106a;hsa/mmu-mir-17-5p dre-mir-20b mmu-miR-467b mmu-miR-691 dre-let-7d dre-mir-130b dre-mir-19d hsa/mmu-let-7e hsa/mmu-mir-139 dre-let-7e dre-let-7j mmu-miR-762 hsa/mmu-miR-181c hsa/mmu-mir-494 mmu-miR-689 hsa-miR-765 hsa/mmu-mir-20b mmu-mir-467 hsa/mmu-mir-342 hsa-miR-425-5p dre-mir-22b dre-mir-30a hsa/dre-mir-92b hsa-miR-638 hsa/mmu-mir-185 hsa/mmu-mir-652 hsa/mmu-mir-361	hsa/mmu/dre-mir-19b hsa-miR-675 hsa/mmu/dre-mir-363 dre-let-7g hsa/mmu/dre-mir-222 hsa/mmu-mir-17-5p;dre-mir-17a dre-let-7j mmu-mir-140 hsa/mmu/dre-mir-20a hsa-mir-146a;mmu-mir-146 dre-let-7e dre-mir-19c hsa/mmu-mir-342 dre-mir-15b hsa/mmu/dre-let-7b dre-mir-22b mmu-mir-106a hsa/mmu-mir-191 hsa/mmu-mir-20b hsa/mmulet-7e hsa/mmu-mir-106b hsa-mir-518f hsa-mir-101;mmu/dre-mir-101a hsa/mmu/dre-mir-25 hsa/mmu-mir-195 hsa/mmu-mir-15a hsa/mmu-mir-93 mmu-miR-709 dre-mir-457a mmu-miR-714 hsa/mmu-mir-22 dre-miR-27e dre-mir-20b hsa/mmu-mir-106a;hsa/mmu-mir-17-5p hsa/mmu/dre-mir-27b hsa-miR-565 hsa/mmu/dre-mir-30d dre-mir-27d hsa/mmu/dre-let-7i hsa/mmu/dre-mir-181a hsa-miR-663 hsa/mmu-mir-185 hsa/mmu-mir-320 mmu-miR-762 mmu-miR-711 dre-mir-181c
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<p> hsa/dre-miR-92b mmu-mir-17-3p hsa/mmu/dre-mir-30e-5p hsa/dre-mir-92b dre-mir-27d mmu-miR-674 mmu-miR-669c hsa-miR-766 dre-mir-21 hsa/mmu/dre-mir-222 dre-miR-27e hsa/mmu-mir-423 hsa/mmu/dre-mir-27b hsa-miR-768-5p hsa/mmu/dre-mir-130a mmu-mir-350 hsa/dre-mir-10b mmu-miR-711 hsa/mmu-mir-28 mmu-miR-374-5p hsa-mir-508 hsa/mmu-mir-98 hsa/mmu-mir-484 dre-mir-10c hsa/mmu-mir-30a-5p hsa-mir-181c hsa-mir-382 hsa/mmu-mir-22 mmu-miR-685 hsa-mir-422a mmu-miR-702 mmu-mir-424 mmu-mir-500 hsa/mmu-mir-149 hsa-miR-572 hsa-mir-101;mmu/dre-mir-101a hsa-mir-18b mmu-mir-466 hsa/mmu/dre-mir-194 hsa/mmu/dre-mir-140 hsa/mmu/dre-mir-92 hsa-miR-640 hsa/mmu-mir-320 dre-mir-22a mmu-miR-761 </p>	<p> hsa/mmu-mir-361 dre-mir-19d hsa-miR-425-5p hsa/mmu/dre-mir-30c hsa/mmu/dre-mir-130a hsa/mmu/dre-mir-30e-5p hsa/mmu/dre-mir-181b hsa/mmu-miR-181c hsa/mmu/dre-mir-92 dre-mir-93 hsa/mmu-mir-130b dre-mir-130c hsa/mmu-mir-181d mmu-miR-675-5p hsa/dre-mir-155 hsa/mmu/dre-mir-194 mmu-mir-465-5 hsa/dre-mir-92b hsa-mir-373 hsa/mmu-mir-423 dre-mir-457b mmu-mir-467 mmu-miR-374-5p hsa/mmu-128a;dre-mir-128 hsa-mir-372 hsa/mmu-mir-484 hsa-miR-557 dre-mir-30a hsa-mir-181c hsa/mmu-mir-203 mmu-miR-702 hsa/mmu-mir-135b hsa/mmu/dre-mir-7a hsa/dre-miR-92b hsa/mmu-mir-324-3p dre-mir-130b hsa/dre-mir-92b hsa-miR-765 mmu-miR-467b dre-mir-21 hsa-mir-17-3p mmu-mir-17-3p dre-miR-735 hsa-miR-625 hsa/mmu/dre-mir-19a hsa-mir-421 </p>
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<p> hsa-miR-663 hsa/mmu-mir-181d mmu-mir-465-5p hsa-miR-636 mmu-miR-703 hsa/dre-mir-18a;mmu-mir-18 hsa/mmu-mir-422b dre-mir-457b hsa/mmu/dre-mir-365 hsa-mir-17-3p hsa/mmu-miR-532 hsa/mmu/dre-mir-7a hsa/mmu/dre-mir-19a hsa-miR-589 hsa/mmu-miR-296 hsa/mmu/dre-mir-200b mmu-mir-101b mmu-mir-345 dre-mir-142b-5p hsa-mir-421 hsa/mmu-mir-30e-3p hsa-miR-634 mmu-mir-501 mmu-mir-155 dre-miR-737 hsa-miR-606 hsa/mmu-mir-146b mmu-mir-674 mmu-miR-712 hsa/dre-mir-155 dre-miR-735 mmu-miR-301b hsa-miR-620 hsa/mmu/dre-mir-363 hsa-miR-559 hsa/mmu-mir-301&dre-mir-301a hsa/mmu/dre-mir-182 mmu-mir-667 hsa-miR-627 hsa/mmu-mir-335 hsa/mmu-mir-802 hsa/mmu-mir-148a hsa/mmu/dre-mir-1 hsa/mmu/dre-mir-183 hsa/mmu-mir-210 dre-mir-210 </p>	<p> hsa/dre-mir-18a;mmu-mir-18 hsa-mir-18b hsa-miR-620 dre-mir-210 hsa/mmu-mir-210 </p>
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hsa/dre-mir-193;mmu-mir-193	
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