Supplementary Information

Production of recombinant soluble dimeric C-type lectin-like receptors of rat natural killer cells

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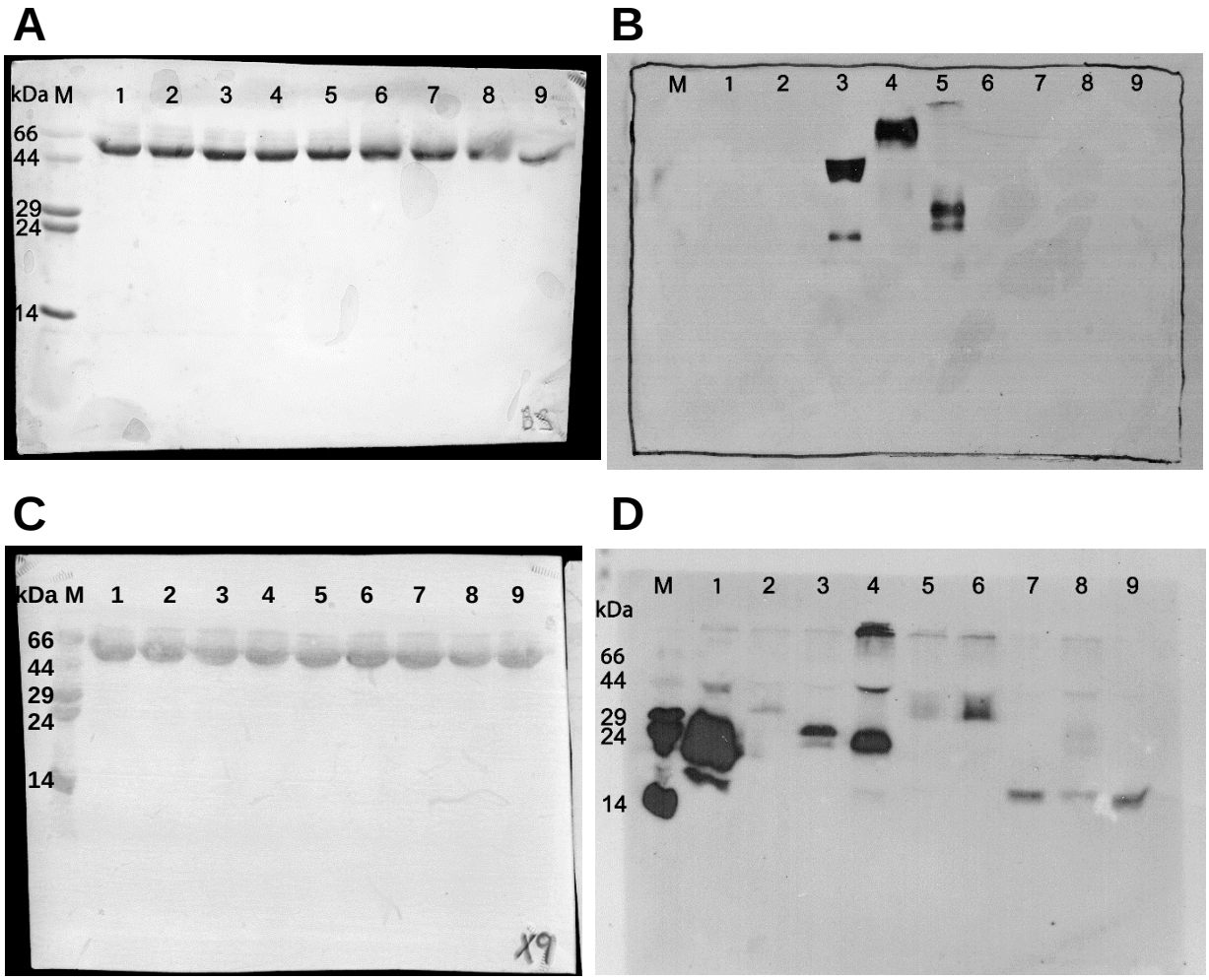

Figure S1. Full-size images of membranes and photographs used to analyse the small-scale expression test of pHLsec constructs in Figure 3A. Samples of transfected cell culture supernatants were resolved by 15% SDS-PAGE under non-reducing conditions, transferred onto nitrocellulose membranes, and transferred proteins were first stained with Ponceau Red (A and C) and then proteins containing histidine tag were detected by primary PentaHis mAb and secondary horseradish peroxidase-conjugated goat anti-mouse IgG polyclonal antibodies, and peroxidase activity was visualized by luminol chemiluminescence captured on photographic films (B and D). Lanes: M, marker; 1, mock transfected; 2, RCTL I38-T180; 3, Clr-11; 4, NKR-P1B^{WAG}; 5, NKR-P1B^{SD} (A and B); M, marker; 5, RCTL H51-T180; 6, RCTL H51-T170 (C and D); other lanes contain unrelated samples of supernatants resulting from expression tests of proteins that are not subject of the present study.

Table S1. Sequences of primers used for PCR amplification of given protein expression constructs and of vector-specific primers used for sequencing. AgeI/KpnI restriction cloning sites are highlighted in bold and underlined.

Target	AA	DNA primer
Clr-11^{WAG}	V65	5'-AAAAAA**ACCGGT**GTAAAAATGACACCACAGATCTCA-3'
	M207	5'-AAAAAA**GGTACC**CATAGGAGAAAAAGGAGTTTTGCA-3'
NKR-P1B^{WAG}	V78	5'-AAAAAA**ACCGGT**GTTCAAGAGAACAGGACAAAAACA-3'
	S223	5'-AAAAAA**GGTACC**GGAGCCATTACACATGCATTCACA-3'
NKR-P1B^{SD}	V78	5'-AAAAAA**ACCGGT**GTTCAAGAGAACAGGACAAAAACA-3'
	S223	5'-AAAAAA**GGTACC**GGAGTCATTGCACGTGCTTTC-3'
pHLsec **pHLsec-FcHis**	FW	5'-GCTGGTTGTTGTGCTGTCTCATC-3'
	REV	5'-CACCAGCCACCACCTTCTGATAG-3'
pYD5	FW	5'-TGATATTCACCTGGCCCGATCTG-3'
	REV	5'-TATGTCCTTCCGAGTGAGAG-3'