Supplementary Information

Thymic resident NKT cell subsets show differential requirements for CD28 co-stimulation during antigenic activation

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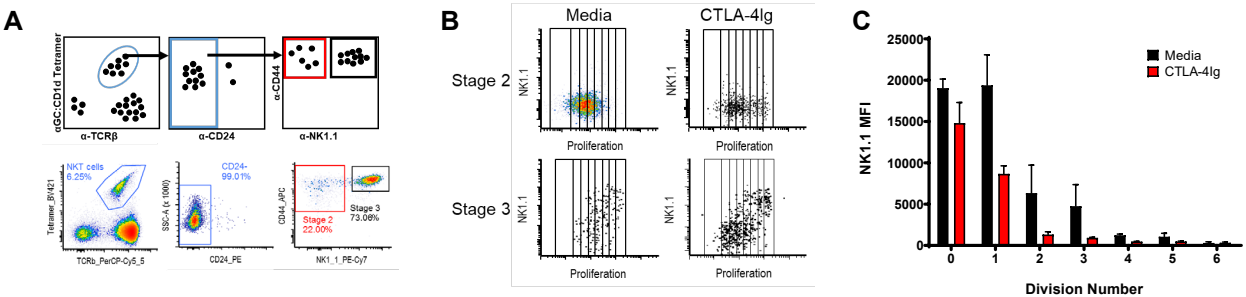

Supplementary Figure 1. Stage 3 NKT cells downregulate NK1.1 after activation.(A) NKT cells were sorted as α-GalCer:CD1d tetramer+ TCRβInt/+ CD24- CD44+ and NK1.1-(Stage 2) or NK1.1+ (Stage 3). Sorted NKT cells were co-cultured with splenocytes pre-loaded with vehicle or α-GalCer in the presence of media or CTLA-4Ig for 72 hours. (B) Representative plots of NKT cell division and expression of NK1.1 after co-culture with splenocytes loaded with 1ng/mL α-GalCer. (C) Mean fluorescence intensity (MFI) of NK1.1 on stage 3 NKT cells during successive rounds of division after co-culture with splenocytes loaded with 1ng/mL α-GalCer.