Supplemental Materials

	Gene	Forward (5' – 3')	Reverse (5' – 3')
Genomic PCR	Vγ2-Jγ1	TGGACATGGGAAGTTGGAG	CAGAGGGAATTACTATGAGC
	Vγ3-Jγ1	GATCAGCTCTCCTTTACCC	
	Vγ4-Jγ1	CTGGGGTCATATGTCATCAA	
	Vγ5-Jγ1	GCTAACCTACCATTCTCTGT	
	Vγ1.1-Jγ4	CTTCCATATTTCTCCAACACAGC	ACTACGAGCTTTGTCCCTTTGG
	Vγ1.2-Jγ2		ACTATGAGCTTTGTTCCTTCTGCAA
	Vδ4	CCGCTTCTCTGTGAACTTCC	CAGTCACTTGGGTTCCTTGTCC
	Vδ5	CAGATCCTTCCAGTTCATCC	
	Gapdh	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA
	Cδ	TTGAGAGAGAGAACCCGTAT	CTCTCCTGTGTGACTATTGG
Copy number assay	Cδ (primer)	CTGGAATGGTACCGCACAGTAG	AAGAGGGAGCGGTGGTATCA
	Cδ (probe)	CACCAGCCTTCCCA	
RT-PCR	Vγ2-Cγ	GGAGTACAAGAAAATGGAGG	CTTATGGAGATTTGTTTCAGC
	Vγ3-Cγ	CATCGGATGAAGCCACGTA	
	Vγ4-Cγ	AGTGACAGAAGAGGACACG	
	Vγ5-Cγ	CGATTCTGCTCTGTACTACT	
	Vγ1.1-Cγ	AACTTCTACCTCAACCTTGA	
	Vγ1.2-Cγ	AAGTTCTACCTCAACCTTGG	
	Gapdh	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA

Table S1. List of primer/probe sequences

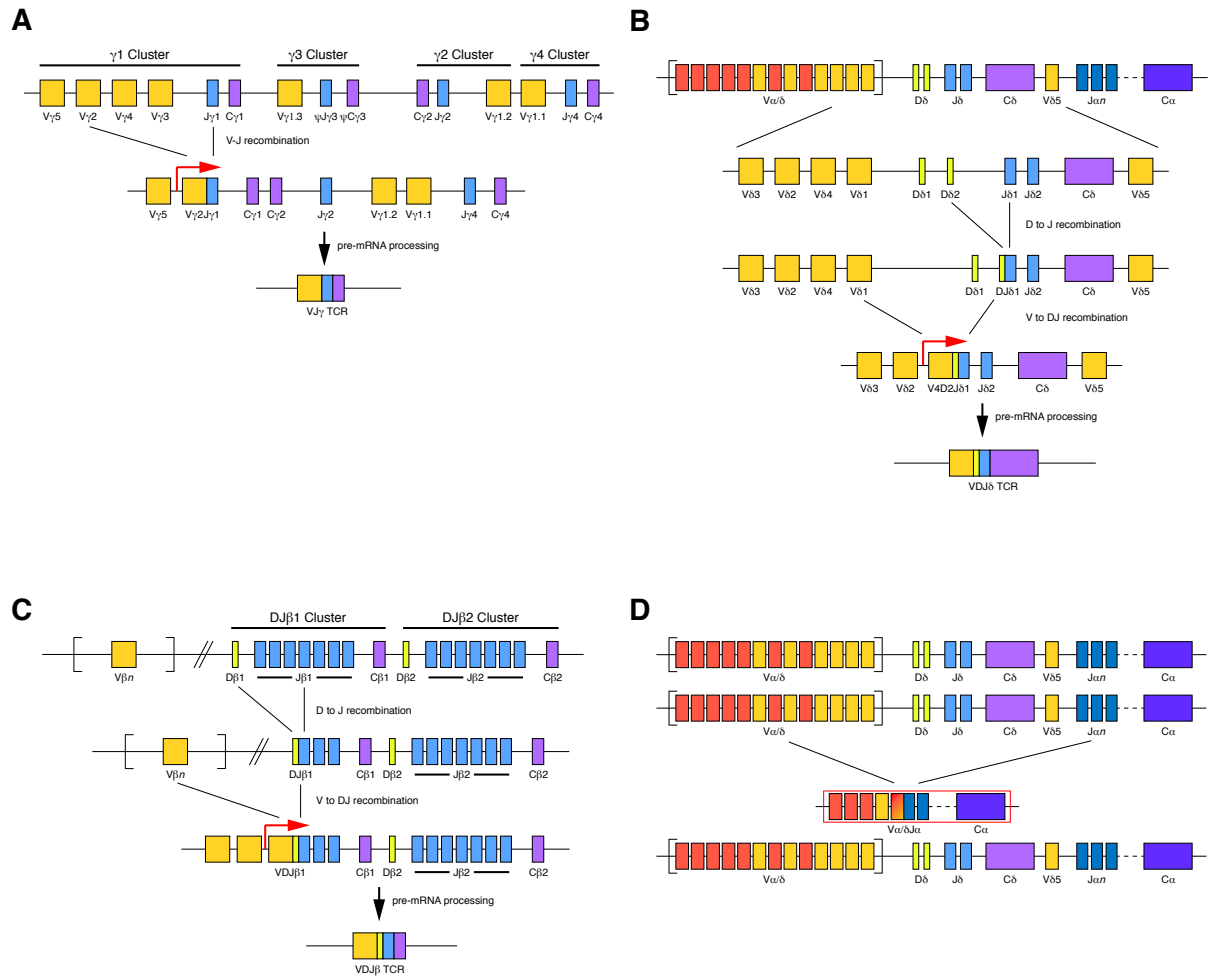

Figure S1. Comprehensive schematic of TCRγ (A), TCRδ (B), TCRβ (C) and TCRα (D), and their rearrangement mechanism. Transcription is marked by a red arrow.

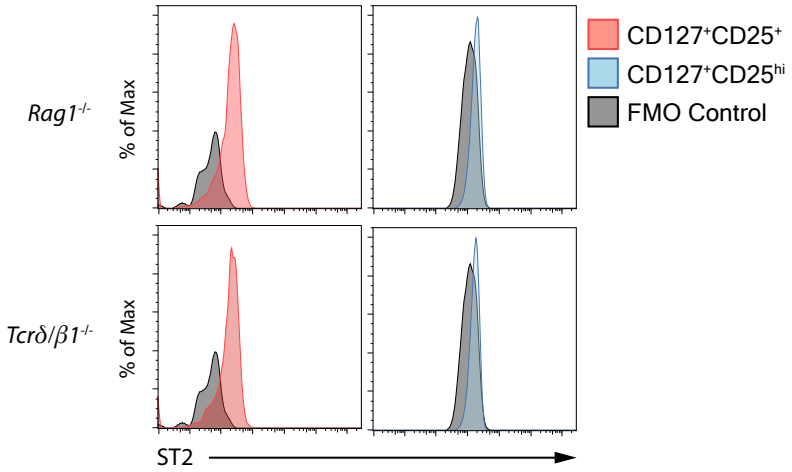

Figure S2. Expression of ST2 in *Rag1*$^{-/-}$ and *Tcrδ/β*$^{-/-}$ thymic ILC2s. Thymic CD45.2^{+}Lin^{-} Thy1.2^{+} cells in both *Rag1*$^{-/-}$ and *Tcrδ/β*$^{-/-}$ mice were further characterized into CD127^{+}CD25^{+}

and $CD127^{+}CD25^{hi}$ populations and the expressions of ST2 were analyzed. $CD127^{+}CD25^{+}$ (red) and $CD127^{+}CD25^{hi}$ (green) subsets were compared against ST2 null (grey).