

SUPPLEMENTARY DATA

**Supplementary Table 1.** Forward (F) and reverse (R) primers used for PCR quantification of mRNA transcripts encoding Gapdh, both isoforms of the beta chain constant region, V $\beta$ 9, V $\beta$ 13, V $\beta$ 15, and V $\beta$ 16. Gapdh was used as housekeeping control. Additional details are given in Methods.

Genetic Element	Sequence
Real-time Primers	
Gapdh (F)	5'-GCACCACCAACTGCTTAGCC-3'
Gapdh (R)	5'-CTGAGTGGCAGTGATGGCAT-3'
C $\beta$ (F)	5'-TGCCAAGTGCAGTTCTATGG-3'
C $\beta$ (R)	5'-TTGTTGATAGGATGCTGAGGT-3'
V $\beta$ 4 (F)	5'-GTTGCCTGGTCCTCTGTCTC-3'
V $\beta$ 4 (R)	5'-TTGTGTCCTAGATGCTGTTTCG-3'
V $\beta$ 9 (F)	5'-TGTGATCTTCTGTCTTCTTGCAG-3'
V $\beta$ 9 (R)	5'-CACTGGTTTTCCAACCTCTTGC-3'
V $\beta$ 13 (F)	5'-GGGCAGTGCTCTGTCTCCT-3'
V $\beta$ 13 (R)	5'-TGGGTGACTCCAGTTTCAGA-3'
V $\beta$ 15 (F)	5'-TGCTGCTTCTGCTACTTCTGG-3'
V $\beta$ 15 (R)	5'-CCTGAACACCCTCAGTGTGAC-3'
V $\beta$ 16 (F)	5'-GGCATCCAGACCCTCTGTT-3'
V $\beta$ 16 (R)	5'-TGACTCCAGCATCTGCGTTA-3'
V $\beta$ 13 for J $\beta$ (F)	5'-TTGCTGTGAGGACTGAAGGA-3'
V $\beta$ 16 for J $\beta$ (F)	5'-CGATGGTAAAATTGGGGAGA-3'
J $\beta$ 1.1 (R)	5'-AACTGTCAGTCTCGTTCCTTTACC-3'
J $\beta$ 1.2 (R)	5'-GGGCCGAAGGTGTAGTCATA-3'
J $\beta$ 1.3 (R)	5'-CTTCCTTCACCAAAATAGAGCAC-3'
J $\beta$ 1.4 (R)	5'-CATGGCCGAAAAACAATCTT-3'
J $\beta$ 1.5 (R)	5'-CCGAGTCCCTTCTCCAAAAT-3'
J $\beta$ 1.6 (R)	5'-GTGCCTGCTGCAAAGTAGAG-3'
J $\beta$ 2.1 (R)	5'-GTGTCCCTGATCCGAAGAA-3'
J $\beta$ 2.2 (R)	5'-CAGCACTGTCAGCTTTGAGC-3'
J $\beta$ 2.3 (R)	5'-AACGGTCAGTCTGGTTCCTG-3'
J $\beta$ 2.4 (R)	5'-CTGCACCGAAGAACAAGGT-3'
J $\beta$ 2.5 (R)	5'-TGCCTGGTCCAAAGTACTGG-3'
J $\beta$ 2.6 (R)	5'-CGGGACCGAAATACTGCT-3'
Cloning and Sequencing Primers	
V $\beta$ 13 Cloning 1 (F)	5'-GGGCAGTGCTCTGTCTCCT-3'
V $\beta$ 13 Cloning 1 (R)	5'-TTGTTGATAGGATGCTGAGGT-3'
V $\beta$ 13 Cloning 2 (F)	5'-TCGACACAGTTCTGTCTGAAAC-3'
V $\beta$ 13 Cloning 2 (R)	5'-CCTTGTTTGAGCCATCAGAAGC-3'

