Supplemental Material

5' adapter with molecular identifier	AAGCAGUGGTAUCAACGCAGAGUNNNNUNNNNUNNNNUCTTrGrG+G
TCR$_{beta}$ mRNA primer	CAGTATCTGGAGTCATTGA
IGG mRNA primer	GCTGGAGGGCACGGTCA
Forward primer with index adapter	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGN$_{2-4}$AAGCAGTGGTATCAACGCAGAG
IGG reverse primer with index adapter	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCN$_{2-4}$CGATGGGCCCTTGGTGG
TCR$_{beta}$ reverse primer with index adapter:	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGCCN$_{2-4}$ACACSTTKTTCAGGTCCTC

Supplemental Table 1 - **Primers Used:**
The template switch was ordered from Exiqon, all others were ordered from IDT.