

**Supplementary Table - Germline TRDD and TRDJ gene sequences**

Gene	5' Nonamer	5' Spacer	5' Heptamer	TRDD gene coding sequence	3' Heptamer	3' Spacer	3' Nonamer
TRDD1	GGTTTTTGT	AAAGCTCTGTAG	CACTGTG	GTT GGA CTG GGG GG V G L G L D W G W T G G	CACAGTA	TTACAAACCTCAAAGAGACCTCT	ACAGAAACT
TRDD2	GGTTTTTGT	AAAGCTCTGCAG	CACTGTG	GGT GGG ATT TAC GAG G G I Y E V G F T W D L R	CACATAG	CTACAATACCCAAAGAGACCTGT	ACAGAAATT
TRDD3	GGTTTTTGT	AAAGCTCTGTGG	TACTGTG	GGT GGG GTA CTA C G G V L V G Y Y W G T	CACCGCA	ATACAAACATCACACAGACCTGT	ACAGGAACT
TRDD4	GGTTATTGT	AAAGCTGTGCTT	CACTGTG	ACA ACG TAC T T Y Q R N V	CACGGAG	GTTGAAGTGAATTAAATCCTTGT	TCAAAAACC
TRDD5	GGTTTTTGT	AAAGGACTGTAG	CATTGTG	GGT GGG ATA CG G G I V G Y W D T	CACGGTG	ATACAAAACCCACAGAGACCTGT	ACAAAAACT
	5' Nonamer	5' Spacer	5' Heptamer	TRDJ gene coding sequence			
TRDJ1	GGTTTTTGG	AAAGCCCTCAAG	CTCTGTG	AT GAG ACT GAC AAG CTC ATC TTT GGA AAA GGG ACC CGC CTC ATC GTG GAA CCA A E T D K L I F G K G T R L I V E P			
TRDJ2	GTTACTTGT	CAGGTAGTGTCG	CAATGTG	C TCC TGG GAC ACC CGA CAG ATA TTT TTT GGA GCT GGC ACC AAA CTC TTC GTG GAG CCC C S W D T R Q I F F G A G T K L F V E P			
TRDJ3	AGTTTTTAG	ACTGGGTTTATC	AGCTGTG	CAG TAT CCA CTA ATA TTT GGC AAA GGA ACC TAT CTG AAC GTG GAA CCA G Q Y P L I F G K G T Y L N V E P			