

Supplementary Material

Primer set 1 for T cell receptors (TR)

Primer Name	Receptor Type	Sequence
TRB_vβ2f	TCRB	AACATATGTTTTGGTATCGTCA
TRB_vβ4f	TCRB	CACGATGTTCTGGTACCGTCAGCA
TRB_vβ5/1f	TCRB	CAGTGTGCTCTGGTACCAACAG
TRB_vβ6a/11f	TCRB	AACCCCTTTATTGGTACCGACA
TRB_vβ6b/25f	TCRB	ATCCCTTTTTTGGTACCAACAG
TRB_vβ6cf	TCRB	AACCCCTTTATTGGTATCAACAG
TRB_vβ7f	TCRB	CGCTATGTATTGGTACAAGCA
TRB_vβ8af	TCRB	CTCCCGTTTTCTGGTACAGACAGAC
TRB_vβ9f	TCRB	CGCTATGTATTGGTATAAACAG
TRB_vβ10f	TCRB	TTATGTTTACTGGTATCGTAAGAAGC
TRB_vβ11f	TCRB	CAAAATGTACTGGTATCAACAA
TRB_vβ12a/3/13a/15f	TCRB	ATACATGTACTGGTATCGACAAGAC
TRB_vβ13bf	TCRB	GGCCATGTACTGGTATAGACAAG
TRB_vβ13c/12b/14f	TCRB	GTATATGTCCTGGTATCGACAAGA
TRB_vβ16f	TCRB	TAACCTTTATTGGTATCGACGTGT
TRB_vβ17f	TCRB	GGCCATGTACTGGTACCGACA
TRB_vβ18f	TCRB	TCATGTTTACTGGTATCGGCAG
TRB_vβ19f	TCRB	TTATGTTTATTGGTATCAACAGAATCA
TRB_vβ20f	TCRB	CAACCTATACTGGTACCGACA
TRB_vβ21f	TCRB	TACCCTTTACTGGTACCGGCAG
TRB_vβ22f	TCRB	ATACTTCTATTGGTACAGACAAATCT
TRB_vβ23/8bf	TCRB	CACGGTCTACTGGTACCAGCA
TRB_vβ24f	TCRB	CGTCATGTACTGGTACCAGCA
TRB_Jβ1.1r	TCRB	CTTACCTACAACGTGAATCTGGTG
TRB_Jβ1.2r	TCRB	CTTACCTACAACGGTTAACCTGGTC
TRB_Jβ1.3r	TCRB	CTTACCTACAACAGTGAGCCAACTT
TRB_Jβ1.4r	TCRB	CATACCCAAGACAGAGAGCTGGGTTC
TRB_Jβ1.5r	TCRB	CTTACCTAGGATGGAGAGTCGAGTC
TRB_Jβ1.6r	TCRB	CATACCTGTCACAGTGAGCCTG
TRB_Jβ2.2r	TCRB	CTTACCCAGTACGGTCAGCCT
TRB_Jβ2.6r	TCRB	CTCGCCCAGCACGGTCAGCCT
TRB_Jβ2.7r	TCRB	CTTACCTGTAACCGTGAGCCTG
TRB_Jβ2.1r	TCRB	CCTTCTTACCTAGCACGGTGA
TRB_Jβ2.3r	TCRB	CCCGCTTACCGAGCACTGTCA
TRB_Jβ2.4r	TCRB	CCAGCTTACCCAGCACTGAGA
TRB_Jβ2.5r	TCRB	CGCGCACACCGAGCAC

Primer set 2 for immunoglobulins (IG)

Primer Name	Receptor Type	Sequence
IGH_JCONSr	IGH	CTTACCTGAGGAGACGGTGACC
IGH_VH1FR1f	IGH	GGCCTCAGTGAAGGTCTCCTGCAAG
IGH_VH2FR1f	IGH	GTCTGGTCCTACGCTGGTGAAACCC
IGH_VH3FR1f	IGH	CTGGGGGGTCCCTGAGACTCTCCTG
IGH_VH4FR1f	IGH	CTTCGGAGACCCTGTCCCTCACCTG
IGH_VH5FR1f	IGH	CGGGGAGTCTCTGAAGATCTCCTGT
IGH_VH6FR1f	IGH	TCGCAGACCCTCTCACTACCTGTG
IGH_VH1FR2f	IGH	CTGGGTGCGACAGGCCCTGGACAA
IGH_VH2FR2f	IGH	TGGATCCGTCAGCCCCAGGGAAGG
IGH_VH3FR2f	IGH	GGTCCGCCAGGCTCCAGGGAA
IGH_VH4FR2f	IGH	TGGATCCGCCAGCCCCAGGGAAGG
IGH_VH5FR2f	IGH	GGGTGCGCCAGATGCCCGGGAAGG
IGH_VH6FR2f	IGH	TGGATCAGGCAGTCCCATCGAGAG
IGH_VH7FR2f	IGH	TTGGGTGCGACAGGCCCTGGACAA
IGH_VH1FR3f	IGH	TGGAGCTGAGCAGCCTGAGATCTGA
IGH_VH2FR3f	IGH	CAATGACCAACATGGACCCTGTGGA
IGH_VH3FR3f	IGH	TCTGCAAATGAACAGCCTGAGAGCC
IGH_VH4FR3f	IGH	GAGCTCTGTGACCGCCGCGGACACG
IGH_VH5FR3f	IGH	CAGCACCGCCTACCTGCAGTGGAGC
IGH_VH6FR3f	IGH	GTTCTCCCTGCAGCTGAACTCTGTG
IGH_VH7FR3f	IGH	CAGCACGGCATATCTGCAGATCAG