

Supplementary Table 1 Primers used in real-time fluorescence quantitative polymerase chain reaction

Genes	NCBI Reference Sequence	Forward primer	Reverse primer
<i>CCL5</i>	NC_000017.11	CCAGCAGTCGTCTTTGTCAC	CTCTGGGTTGGCACACACTT
<i>P65</i>	NC_000011.10	GAAGAAGAGTCCTTTCAGCG	GGGATGACGTAAAGGGATAG
<i>PDCD1</i>	NC_000002.12	GTGCCTGTGTTCTCTGTGGA	TCCGCTAGGAAAGACAATGG
<i>PD-L1</i>	NC_000009.12	GGTTGTGGATCCAGTCACCT	TTGGTGGTGGTGGTCTTACC
<i>PD-L2</i>	NC_000009.12	ACCGTGAAAGAGCCACTTTG	GCGACCCCATAGATGATTATGC
<i>CTLA4</i>	NC_000002.12	CATGATGGGGAATGAGTTGACC	TCAGTCCTTGGATAGTGAGGTTC
<i>TIM3</i>	NC_000005.10	CTGCTGCTACTACTTACAAGGTC	GCAGGGCAGATAGGCATTCT
<i>LAG3</i>	NC_000012.12	GCGGGGACTTCTCGCTATG	GGCTCTGAGAGATCCTGGGG
<i>TIGIT</i>	NC_000003.12	ATACAAGAGCGAAGGTCTCACG	CTGAGTCTCCATAACAGCGG
<i>CD28</i>	NC_000002.12	CTATTTCCCGGACCTTCTAAGCC	GCGGGGAGTCATGTTTCATGTA
<i>CD40</i>	NC_000020.11	TTGGGGTCAAGCAGATTGCTA	GCAGATGACACATTGGAGAAGA
<i>CD40L</i>	NC_000023.11	ACATACAACCAAATTCTCCCCG	GCAAAAAGTGCTGACCCAATCA
<i>TCR</i>	NC_000014.9	CCTTCAACAACAGCATTATTATTCCAG	CGAGGGAGCACAGGCTGTCTTA
<i>CD3</i>	NC_000001.11	GCCAGAACCAGCTCTATAAC	GGCCACGTCTCTTGTCCAA

<i>T-bet</i>	NC_000017.11	TGACCCAGATGATTGTGCTCCAGT	AATCTCGGCATTCTGGTAGGCAGT
<i>GATA3</i>	NC_000010.11	CACCACAACCACACTCTG	GCCTTCCTTCTTCATAGTCA
<i>RORC</i>	NC_000001.11	GTGGGGACAAGTCGTCTGG	AGTGCTGGCATCGGTTTCG
<i>FOXP3</i>	NC_000023.11	GTGGCCCGGATGTGAGAAG	GGAGCCCTTGTCGGATGATG
<i>SDHA</i>	NC_000005.10	CAGCATGTGTTACCAAGCTGT	GGTGTCGTAGAAATGCCACCT
<i>HPRT1</i>	NC_000023.11	TTTATTCCTCATGGACTAATTATGGA	CCTCCCATCTCCTTCATCAC
<i>B2M</i>	NC_000015.10	GAGGCTATCCAGCGTACTCCA	CGGCAGGCATACTCATCTTTT
<i>YWHAZ</i>	NC_000008.11	AGACGGAAGGTGCTGAGAAA	CGTTGGGGATCAAGAACTTT

CCL5, C-C motif chemokine ligand 5. *p65*, RELA proto-oncogene NFκB subunit. *PDCD1*, programmed cell death 1, also known as *PD-1*. *PD-L1*, *CD274*. *PD-L2*, programmed cell death 1 ligand 2. *CTLA4*, cytotoxic T-lymphocyte associated protein 4. *TIM3*, T cell immunoglobulin domain and mucin domain 3, also known as hepatitis A virus cellular receptor 2. *LAG3*, lymphocyte activating 3. *TIGIT*, T cell immunoreceptor with Ig and ITIM domains. *TCR*, T cell receptor. *T-bet*, T-box expressed in T cells, also known as T-box transcription factor 21. *GATA3*, GATA binding protein 3. *RORC*, RAR related orphan receptor C. *FOXP3*, forkhead box P3. *SDHA*, succinate dehydrogenase complex flavoprotein subunit A. *HPRT1*, hypoxanthine phosphoribosyl transferase 1. *YWHAZ*, yrosine 3-monooxygenase/tryptophan 5.