

**Table S9**

Transcript Id	Ensembl Gene Id	Gene symbol	Primer preamplification 5'	Primer preamplification 3'	Primer qPCR 5'	Primer qPCR 3'
ENST00000242057.8	ENSG00000106546	AHR	TAAAGCCAATCCCAGCTGAA	GACGCTGAGCCTAAGAAGCTGA	TAAAGCCAATCCCAGCTGAA	GACGCTGAGCCTAAGAAGCTGA
ENST00000398117.1	ENSG00000171791	BCL2	GAGTTCGGTGGGGTCAATGT	ACAGCCAGGAGAAATCAAACA	GAGTTCGGTGGGGTCAATGT	ACAGCCAGGAGAAATCAAACA
ENST00000406870.6	ENSG00000113916	BCL6	AGCCGTGAGCAGTTTAGAGC	AAGTCCAGGAGGATGCAGAA	AGCCGTGAGCAGTTTAGAGC	AAGTCCAGGAGGATGCAGAA
ENST00000615863.1	ENSG00000275302	CCL4	CTGTCTGTCTCTCCTCATGC	GCTTGCTCTTTTGGTTTGG	TAGCTGCCTTCTGCTCTCCA	GCTTGCTCTTTTGGTTTGG
ENST00000603197.5	ENSG00000271503	CCL5	CGCTGTCACTCCTATTGCTA	ACACACTTGGCGGTTCTTTC	ATCTGCCTCCCCATATTCT	ACACACTTGGCGGTTCTTTC
ENST00000330953.5	ENSG00000183813	CCR4	CAAATACAAGCGGCTCAGGT	AGCCACCAAGTACATCCAG	CAAATACAAGCGGCTCAGGT	AGCCACCAAGTACATCCAG
ENST00000292303.4	ENSG00000160791	CCR5	GGCCATCTCTGACCTGTTTTT	AAACACAGCATGGACGACAG	GTCCTTCTGGGCTCACTA	AAACACAGCATGGACGACAG
ENST00000341935.9	ENSG00000112486	CCR6	TCAGCGATGTTTCGACTCC	CACCAGAAATTTCCCAGGA	TCAGCGATGTTTCGACTCC	CACCAGAAATTTCCCAGGA
ENST00000246657.2	ENSG00000126353	CCR7	CAATGAAAAGCGTGTGGT	ATAGGGAGGAAACCAGCTTT	GTGGTGGCTCTCCTTGTCAT	ATAGGGAGGAAACCAGCTTT
ENST00000266557.3	ENSG00000139193	CD27	CACTACTGGGCTCAGGGAAA	GCGAACGAGAAGACCAGAGT	CTCGTGAAGGACTGTGACCA	GCGAACGAGAAGACCAGAGT
ENST00000361763.8	ENSG00000198851	CD3E	GCACTCACTGGAGCTTCTGG	CCTCATCACCGCCTATGTTT	GCACTCACTGGAGATTCTGG	CCTCATCACCGCCTATGTTT
ENST0000011653.8	ENSG0000010610	CD4	ACCGGGGAGTCCCTTTTAG	CATTGAGCTTGGATGGACCT	ACCGGGGAGTCCCTTTTAG	CATTGAGCTTGGATGGACCT
ENST00000374213.2	ENSG00000169442	CD52	GCGCTTCTCTTCTCCTAC	CTGAAGCAGAAAGAGTGGATT	GCGCTTCTCTTCTCCTAC	CTGAAGCAGAAAGAGTGGATT
ENST00000390655.10	ENSG00000172116	CD8B	GCTGGACTTCGCTGTGATAT	TTGTCTCCGATTTGACCAC	GCTGGACTTCGCTGTGATAT	TTGTCTCCGATTTGACCAC
ENST00000296871.3	ENSG00000164400	CSF2	CACTGCTGCTGAGATGAATGA	AGGGCAGTGTGCTTGTAGT	CACTGCTGCTGAGATGAATGA	AGGGCAGTGTGCTTGTAGT
ENST00000302823.7	ENSG00000163599	CTLA4	TGACAGCCAGGTGACTGAAG	GTTGCCTATGCCAGGTAGT	TGGGGAATGAGTTGACCTTC	GTTGCCTATGCCAGGTAGT
ENST00000242480.3	ENSG00000122877	EGR2	TGGAGAGAAGAGGTCGTTGG	GTTGAAAGCTGGGGAAGTGAC	TGGAGAGAAGAGGTCGTTGG	GTTGAAAGCTGGGGAAGTGAC
ENST00000295743.8	ENSG00000163508	EOMES	CACAATAACCAACCCCGACT	GGGACAATCTGATGGGATGA	CACAATAACCAACCCCGACT	GGGACAATCTGATGGGATGA
ENST00000355740.6	ENSG00000026103	FAS	CAAGGGATTGGAATTGAGGA	TGGAAGAAAAATGGGCTTTG	ATGGCCAATCTGCCATAAG	TGGAAGAAAAATGGGCTTTG
ENST00000367721.2	ENSG00000117560	FASLG	GGGATGTTTCAGCTCTTCCA	CAGAGGCATGGACCTTGAGT	CAGAAGGAGCTGGCAGAACT	CAGAGGCATGGACCTTGAGT
ENST00000376207.8	ENSG00000049768	FOXP3	GTAGCCATGGAACAGCACAT	GCGTGTGAACCAAGTGTAGAT	ACATTCACAGAGTTCCTCCAC	GCGTGTGAACCAAGTGTAGAT
ENST00000274306.6	ENSG00000145649	GZMA	GAACAAAAGGTCACAGGTCA	TTTTTGCTTTTCCATCAGC	GAACAAAAGGTCACAGGTCA	TTTTTGCTTTTCCATCAGC
ENST00000216341.8	ENSG00000100453	GZMB	GGTGGCTTCCCTGATACGAGA	GCTGCAGTAGCATGATGTCG	ACTGTTGGGGAAGCTCCATA	GCTGCAGTAGCATGATGTCG
ENST00000216338.8	ENSG00000100450	GZMH	CAGCCATTCTCCTCTCTGT	GAGCAGCTGTGACACAAAAG	TCCTCTGTTGGCCTTTCTT	GAGCAGCTGTGACACAAAAG
ENST00000316386.10	ENSG00000163600	ICOS	GGACCAATCTCATGCCAACT	TCGTGCACACTGGATGAATA	GGTTACCCATAGGATGTGCAG	TCGTGCACACTGGATGAATA
ENST00000270139.7	ENSG00000142166	IFNAR1	TGAGTCTGTGCGGAAATGTGA	TGCGAAATGGTGTAAATGAGTC	TGAGTCTGTGCGGAAATGTGA	TGCGAAATGGTGTAAATGAGTC
ENST00000229135.3	ENSG00000111537	IFNG	CTGTTACTGCCAGGACCCAT	TGGATGCTCTGGTCACTTTT	GGTCATTAGATGTAGCGGA	TGGATGCTCTGGTCACTTTT
ENST00000434687.5	ENSG00000030419	IKZF2	CGAAAGGGAGCACTCCAATA	ATGGCCCTGATCTCATCT	CGAAAGGGAGCACTCCAATA	ATGGCCCTGATCTCATCT
ENST00000423557.1	ENSG00000136634	IL10	TGCTGGAGGACTTTAAGGGTTA	GCCTTGCTCTTTTTCACAG	TTTAAGGGTTACCTGGGTTGC	GCCTTGCTCTTTTTCACAG
ENST00000304506.7	ENSG00000169194	IL13	GGTCAACATCACCCAGAACC	TTTACAACCTGGGCCACCTC	GTACTGTGCAGCCCTGGAAT	TTTACAACCTGGGCCACCTC
ENST00000340057.1	ENSG00000112115	IL17A	TGGGAAGACCTCATTTGGTGT	CCGGTTATGGATGTTGAGGT	TGGGAAGACCTCATTTGGTGT	CCGGTTATGGATGTTGAGGT
ENST00000336123.4	ENSG00000112116	IL17F	TCCAAAAGCCTGAGAGTTGC	ATGCAGCCAAAGTTCCATCA	GCCTGTGCCAGGAGGTAGTA	ATGCAGCCAAAGTTCCATCA
ENST00000264260.6	ENSG00000115607	IL18RAP	TTGCAGGAGAGCGAAATTA	GGTGAGAGTCCGATTTCTGTGG	TTGCAGGAGAGCGAAATTA	GGTGAGAGTCCGATTTCTGTGG
ENST00000226730.4	ENSG00000109471	IL2	TGGAGCATTTACTGCTGGATT	GCACCTCCTCCAGAGGTTTG	TGGAGCATTTACTGCTGGATT	GCACCTCCTCCAGAGGTTTG
ENST00000264497.7	ENSG00000138684	IL21	TCGCCACATGATTAGAATGC	AAGCAGGAAAAAGCTGACCA	TCGCCACATGATTAGAATGC	AAGCAGGAAAAAGCTGACCA
ENST00000538666.5	ENSG00000127318	IL22	TCCAGCAGCCCTATATCACC	GTTGAGCAGCTGCTTCATCA	TCCAGCAGCCCTATATCACC	GTTGAGCAGCTGCTTCATCA
ENST00000231449.6	ENSG00000113520	IL4	TGCTCCAAGAACAACACTG	CTCTGGTTGGCTTCCCTTAC	GGCAGTTCTACAGCCACCAT	CTCTGGTTGGCTTCCCTTAC
ENST00000303115.7	ENSG00000168685	IL7R	CTGAGGCTCCTTTTGACCTG	CTGCAGGAGTGTGACGTTTG	CTGAGGCTCCTTTTGACCTG	CTGCAGGAGTGTGACGTTTG

**Table S9: Primer pairs used for preamplification and qPCR.**