

Table S1. Gene Specific PCR Primer Sequences

Gene	Size (bp)	Anneal (°C)	Cycle	5' Primer Sequence	3' Primer Sequence
PU.1	552	60	34	5'-TGGAAGGGTTTTCCCTCACC	5'-TGCTGTCCTTCATGTCGCCG
G-CSFR	574	60	34	5'-CCCCTCAAACCTATCCTGCCTC	5'-TCCAGGCAGAGATGAGCGAATG
IL-3R α	181	55	35	5'-TGCATGGACAACACTGTGGA	5'-TGTATTCCTGTGGCTCTGAG
GM-CSFR α	264	60	35	5'-GCGGGCGACACGAGGATGAAGCAC	5'-CTAGGGCTGCAGGAGGTCCTTCCT
β c	317	60	35	5'-CTTTGGCTGTGTCTCTGTAT	5'-GAAGTTGCTCTGTGGATTCTG
EBF	424	62	34	5'-GCCAACAGCGAAAAGACC	5'-GCTTGGAGTTATTGTGGAC
Pax5	439	65	35	5'-CTACAGGCTCCGTGACGCAG	5'-TCTCGGCCTGTGACAATAGG
VpreB	400	60	32	5'-GTCTGAATTCCTCCAGAGCCTAAG-A TCCC	5'-CAGGTCTAGAGCCATGGCCTGGA- CGTCTG
λ 5	205	60	32	5'-GGGTCTAGTGGATGGTGTCC	5'-CAAACTGGGGCTTAGATGG
Rag1	554	60	35	5'-TGCAGACATTCTAGCACTCTGGCC	5'-ACATCTGCCTTCACGTCGATCCGG
IL-7R α	302	60	35	5'-CGAGTGAAATGCCTAACTC	5'-GCGTCCAGTTGCTTTTAC
HPRT	250	60	30	5'-CACAGGACTAGAACACCTGC	5'-GCTGGTGAAAAGGACCTCT
Flanked allele	186	56	35	5'-CCCAGAACCTTCCCCTATTC	5'-AGCTTATCGATAACCGTCGAGG
Excised allele	150	56	35	5'-CACATGGCCCCTTTGGAC	5'-CAACCGGATCTAGACTCGAGGA
IgH (germline)		60	35	5'-GGAGAGAGTTTTAGTATAGGAACA GAGGC (J _H 1)	5'-AGGCTCTGAGATCCCTAGACAG (J _H 4)
IgH (rearranged)		60	35	5'-CACAGACCTTTCTCCATAGTTGATA ACTCAG (D _H Q52)	5'-AGGCTCTGAGATCCCTAGACAG (J _H 4)