SUPPLEMENTARY METHODS

Detailed PCR protocol for amplification of genomic DNA and cDNA, isolated from PMBL samples, followed by sequencing.

PCR reaction was prepared using 0,2 mM dNTP, 0,5 pmol of each primer (suppl table 1), 2,5 U Taq Polymerase (GE Helthcare, Little Chalfont, UK) and either 50 ng of genomic DNA or 2 µl of cDNA, in a final 50 µl volume. The following touchdown PCR program was used: denaturation at 95°C for 5min; 2 cycles of denaturation at 95°C for 1 min, annealing at 62°C for 1min, elongation at 72°C for 1 min; 2 cycles of denaturation at 95°C for 1 min, annealing at 60°C for 1 min, elongation at 72°C for 1 min; 2 cycles denaturation at 95°C for 1 min, annealing at 58°C for 1 min, elongation at 72°C for 1 min; 30 cycles of denaturation at 95°C for 1 min, annealing at 56°C for 1 min, elongation 72°C for 1 min; and final elongation step at 72°C for 10 min.

Oligonucleotides used for PCR amplification and quantification or sequencing.

primers	matrix	technique	5' sequence 3'
STAT6 cDNA for	cDNA	PCR and sequence	GTGCTCTTCTCTGCCAGCTT
STAT6 cDNA rev	cDNA	PCR and sequence	ATCTGTGGAGAGCCATCCTG
STAT6 ex12 for	gDNA	PCR and sequence	CCTGTCCTCACCCTCTTCAG
STAT6 ex12 rev	gDNA	PCR and sequence	CAGGCCCATGAGAAAGTGTT
STAT6 ex13 for	gDNA	PCR and sequence	GCCTGCAGTGCTCTCTTCTT
STAT6 ex13 rev	gDNA	PCR and sequence	CCAGGGATGAAGAGCTTGG
STAT6 ex14 for	gDNA	PCR and sequence	CTCACACCTTTCCCCCTCTC
STAT6 ex14 rev	gDNA	PCR and sequence	CTGGTGTATGGCTGCTCAGA
SOCS1 for	cDNA or gDNA	PCR and sequence	ATGGTAGCACACAACCAGGTGG
SOCS1 rev	cDNA or gDNA	PCR and sequence	TCAAATCTGGAAGGGGAAGGAGCTC
JAK2 for	gDNA	Real time PCR	AAGCCACTGCCAGAAACTTG
JAK2 rev	gDNA	Real time PCR	ACTGAATTCCACCGTTTCCA
B2M for	gDNA	Real time PCR	TGTCTTTCAGCAAGGACTGG
B2M rev	gDNA	Real time PCR	GATGCTGCTTACATGTCTCG