

## Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: van Zelm MC, Reisli I, van der Burg M, et al. An antibody-deficiency syndrome due to mutations in the *CD19* gene. N Engl J Med 2006;354:1901-12.

**Supplement A.** PCR primers for amplification and sequencing of *CD19* coding regions from genomic DNA

Exon(s)	Forward primer	Forward primer sequence	Reverse primer	Reverse primer sequence
1	CD19exonF1	CCTGCCTGCCCCAGCATC	CD19exonR1	GGACACCCAGCCACAACCTCAAG
2	CD19exonF2	CATGCCACACCTCTCTCCCTC	CD19exonR2	GTGGCCTCCCTTCTCTCCTCCT
3	CD19exonF3	GGGTGTCTCTGCATTTGGTTCT	CD19exonR3	GTTTCCCCTCCCCTCTGTCTCT
4	CD19exonF4	CAGAGACAGAGGGGAGGGGAAA	CD19exonR4	GGAGTCAGTGTTCTGTGTGGAAGT
5	CD19exonF5	CCTGGGGTCCTCGTCTCATA	CD19exonR5	GGGAAGATGGAGTAGGGTTT
6	CD19exonF6	CCTGCCAAGCAGCCCCTC	CD19exonR6	CAAGGCATAAAGTGAAGGTGGA
7	CD19exonF7	GGCCTGGACAGAATCTTGAGTG	CD19exonR7	CACAGCGGATTGGAGGGATGA
8	CD19exonF8	CATCTCTTCTGACCCCGTCTTA	CD19exonR8	ATGGGGATGGGGAACCGAGT
9+10	CD19exonF9+10	GTCTGTGGCCCGAATAGTG	CD19exonR9+10	CGCTGCAATTACACCTAAGTCTC
11+12	CD19exonF11+12	GCGCTGTGACACTCCTAGAA	CD19exonR11+12	GGGTCAGGGTCAGGTCAAAGTT
13+14	CD19exonF13+14	CCTCTGCCCTCAGTCTTCCTC	CD19exonR13+14	CTGCCATCCGTGCCTATCT
15	CD19exonF15	GTTCTAGGGCCTGGTGG	CD19exonR15	ATTCAAGACGCCTTTCCTTCC

**Supplement B. PCR primers and TaqMan probe for quantification of *CD19* transcripts**

Primer	Name	Sequence
Forward primer	CD19 RQ F	CGTGGCAACCTGACCATGT
Reverse primer	CD19 RQ R	CCACAAGGGAACACAGGCAG
TaqMan FAM-TAMRA probe	Tr-CD19	ACCAGTCCTCAGCAGCCAGT